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50th ISOCARP

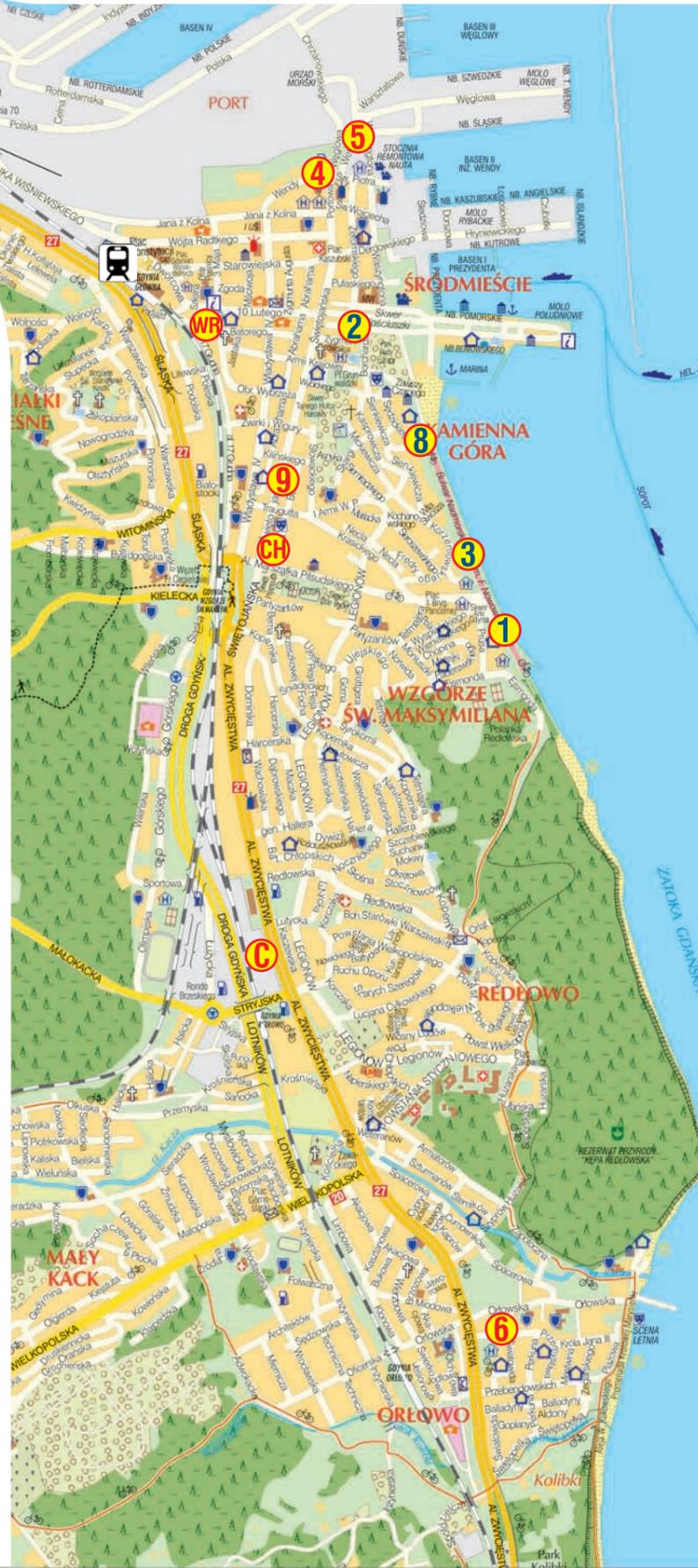
**International Planning Congress
Urban Transformations - Cities and Water**

GDYNIA, POLAND, 23-26 SEPTEMBER 2014



50th ISOCARP
International Planning Congress
Urban Transformations - Cities and Water

GDYNIA
POLAND
23-26/09/2014



6 Congress Venue
Pomeranian Science and Technology Park
Al. Zwycięstwa 96/98

1 Nadmorski Hotel ****
ul. Ejsmonda 2
www.nadmorski.pl

2 Orbis Gdynia Hotel ***
ul. Armii Krajowej 22
www.orbis.pl | www.accorhotels.com

3 Różany Gaj Hotel ***
ul. Józefa Korzeniowskiego 19D
www.rozanygaj.pl

4 Blick Hotel ***
ul. Jana z Kolna 6
www.hotelblick.pl

5 Hotton Hotel ***
ul. Św. Piotra 8
www.hotton.pl

6 Kuracyjny Hotel ***
City & Spa Hotel
Al. Zwycięstwa 255
www.hotelkuracyjny.pl

7 Antares Hotel**
ul. Komandorska 59
www.hotelantares.pl

8 Mały Żagiel/Small Sail Hostel
ul. Sędzickiego 19
www.malyzagiel.pl

9 Och! Hostel
ul. Świętojańska 85
www.ochhostel.pl

10 School Youth Hostel
ul. Energetyków 13A
www.ssm-gdynia.pl

G Gdynia Główna Railway Station
Plac Konstytucji 1

WR Atlantic Club (Welcome Reception)
ul. 3 Maja 28

CH City Hall
Al. Marszałka Piłsudskiego 52/54

Note:

1 2 3 8 there will be shuttle service available between these hotels/hostels and the Congress Venue

USEFUL INFORMATION AND CITY MAP

Gdynia City Guide Mobile App

Gdynia City Guide Mobile App is a comprehensive tourist guide to Gdynia, focusing mainly on its eventful cultural calendar and tourist attractions. In addition to tourist attractions, it includes details of restaurants and accommodation facilities as well as sports, recreational, leisure or even shopping facilities. The App also serves as a reliable, constantly updated guide to the events taking place in the city. Additionally, the App provides helpful information about concerts, theatrical performances, sport events, art exhibitions, educational or development workshops and many other events that are taking place in the city.

Besides the above-mentioned functions, the App also contains useful information on transport facilities in the city. You may use our planner to add interesting places and events to your pocket tourist guide. Gdynia City Guide operates in offline and online mode. The intuitive interface allows you to find required information and, thanks to the GPS system, you will easily locate specific places or events.



Emergency Numbers:

- 999 Ambulance
- 998 Fire Brigade
- 997 Police
- 112 Mobile Phones Holders Assistance

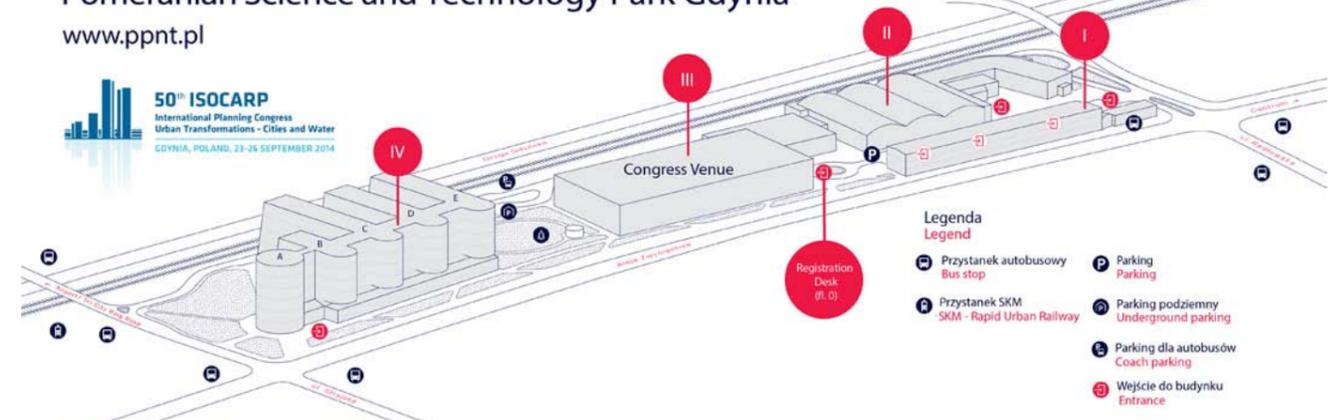
In case of any questions concerning your stay in Gdynia please contact the ISOCARP Local Organising Committee on +48 661 601 066.

Congress Venue Map



Pomeranian Science and Technology Park Gdynia

www.ppnt.pl



WORDS OF WELCOME



Welcome from the President of ISOCARP

For the fiftieth time in ISOCARP's history, planners, policy makers, architects and all those who are involved in "place making" from all over the world, will get together to exchange their ideas, thoughts and visions, and share their experience and knowledge about the challenging issues of urban development and growth. This year's conference, focusing on the relationship of cities and water, opens the opportunity to explore different aspects of the newly arising issues of urban development, and the inherent relationship between urban design, economic development, infrastructure development, social and environmental sustainability, and governance. The themes are timely chosen as many cities around the world are challenged with these issues in a different and previously not experienced way, or with newly emerging questions which were never present in earlier times.

This 50th Congress is about a changing world and about changing planning practice. ISOCARP will welcome cutting edge presentations from international experts, papers from planners from all around the world, contributions from different disciplines, and will open the floor to all in a unique atmosphere of collegiality and friendship. The participants will enjoy sessions especially designed for this occasion, like "The Waterfront Planning Marathon", "Educational Planning Forum", Young Planning Professionals Workshop, and other professional meetings and events.

The 50th ISOCARP Congress will mark the beginning of the 50th ISOCARP Anniversary Celebrations. It was in Amsterdam in 1965 when ISOCARP was founded by a group of international planners who recognized the significance of the changes going on at the time, and an emerging need for international exchange, knowledge creation and sharing. We will start celebrating the Anniversary on the occasion of the 50th ISOCARP Congress in Gdynia by inviting our past presidents to join us and share their memories about the past of the Society, as well as their visions and ideas about the future of cities and our profession.

In 2014 the Congress is being hosted in the City of Gdynia, a city which is recognized for its contribution to the planning discipline and for their strive for innovation, change and making their city sustainable and liveable. Gdynia is located in the spectacular and breath-taking environment of the Baltic Sea and is among the leading cities in the northern region of Poland. This Congress will also provide a unique opportunity to learn more about Poland, and visit the UNESCO heritage sites on the post congress tours.

Milica Bajic-Brkovic

President ISOCARP



Welcome from the Mayor of Gdynia

The city of Gdynia is honoured to host the jubilee 50th ISOCARP Congress. I am deeply convinced that it will be a really inspiring and significant international meeting of professionals involved in the wide range of urban development and growth issues.

Gdynia is an open and vibrant city with great potential for development. It has always been associated with entrepreneurship, hard work and determination in pursuit of success. Gdynia of today belongs to the fastest and harmoniously growing metropolitan areas in Poland.

Subject areas of this year's Congress have been carefully selected by the organisers to reflect challenges that cities all over the world have to meet. The main theme of the Congress: Urban Transformations: Cities and Water creates an enormous potential for intense discussions, debates and exchange of experiences on the planning issues.

Gdynia is renowned for its hospitality and I hope that you will find some time beyond your busy schedule to appreciate the tourist and cultural attractions of our city.

I wish all the Congress participants lots of inspiration and innovative ideas as well as an unforgettable stay in our city!

Wojciech Szczurek

Mayor of Gdynia



Welcome from the ISOCARP Vice President Events and Congresses

The last ISOCARP Congress was held in Brisbane, Australia. It was a very successful event that gathered international delegates from all over the world and was a unique opportunity to discuss the theme of Frontiers of Planning. Previous congresses took place in Russia, China and Kenya.

Now, the 50th International Planning Congress is coming back to Europe and will be held in Gdynia, Poland. It will also open the Anniversary Celebrations of 50 years of ISOCARP, which will conclude during 2015 Congress, when ISOCARP will return to its roots – the Netherlands.

This congress will address the issues of urban transformation. Gdynia developed as a port city and its relation to water is deeply rooted in its history. And being developed rapidly over the last century, undergoing the transformation of the political change in Poland, the congress topic could not have found a better venue to be discussed.

The 2014 ISOCARP Congress in Gdynia will definitely be one not to miss – and one to remember.

Sławomir Ledwon

ISOCARP Vice President Congresses and Events

WORDS OF WELCOME



Welcome from the Deputy Mayor of Gdynia

Called a city made of the sea and dreams, Gdynia was founded in the 1920s shortly after Poland regained its independence. The Polish territory was only a small stretch of the Baltic coastline. There was no seaport. With the decision of the Polish authorities to build the port, the original small fishing village with a history of several hundred years and a summer destination as well, was quickly turned into a major city with a thriving maritime industry. It became home to one of the Baltic's biggest commercial seaports, sea fisheries, shipbuilding and a military port. All this was made possible thanks to the efforts of people coming from the far ends of Poland pursuing their dream of a home of their own. To make this dream a reality they worked hard, putting in long hours, learning new trades and taking root in new surroundings so different from the ones they left behind. That is how Gdynia was made.

Today 88 years after Gdynia was granted city rights it is still a magnet for people from all parts of Poland pursuing their dreams here. While still supportive of their plans, the city is offering a much broader range of opportunities, going beyond the maritime industries. Gdynia boasts a thriving knowledge-based economy with IT, electronics, electrotechnology, biotechnology, industrial design and optics. It is also home to the traditional industries such as steel construction, including off-shore wind farms, the production of highly specialised vessels, ship repairs and

food processing. With a dense business support network, the city offers financial services, insurance and advice.

As well as offering jobs and business opportunities, the best in the country, the city attracts new inhabitants thanks to its other advantages. It has the best primary and secondary schools, universities and a dazzling culture, recreation and sports offer for the whole family.

Being a coastal city, Gdynia's offer comes complete with a commercial seaport, military port, small fishing marinas, a marina, managed and lifeguarded beaches, wild beaches, seaside promenade and a coastal nature reserve. The biggest challenge the town planners are facing are areas near the city centre phasing out their port functions. We are looking for ways to develop them and incorporate in the urban tissue. We hope that the discussions at the congress on the mutual relations between cities and the waters around them will inspire new solutions in addressing the challenges we are facing. We also hope and promise to do our best to ensure that the time our visitors will be spending in Gdynia will be enjoyable, interesting and first of all worthwhile.

Marek Stępa

Deputy Mayor of Gdynia

Chairman, Local Organizing Committee of the Congress

LOCAL ORGANIZING COMMITTEE

Marek Stępa (Chair) / Marek Karzyński / Joanna Leman / Monika Pawlińska / Paulina Król

PROGRAM IN SHORT

	22.9.14 Monday	23.9.14 Tuesday	24.9.14 Wednesday	25.9.14 Thursday	26.9.14 Friday	27.9.14 - 1.10.14	
09:00 - 11:00	Registration on all day	Welcome Speeches Introduction of the Congress Topics Young Planners Projects	Waterfront Planning Marathon Presentation of 9 projects from 8 countries	Winners of ISOCARP Awards for Excellence Presentations	Keynote Speeches Janusz Zbik (Poland) Alex Krieger (USA)	Post Congress Tours	
11:00 - 11:30		Coffee	Coffee	Coffee	Coffee		
11:30 - 13:30	Tour of Gdynia	Keynote Speeches Olgiard Dziekonski (Poland) Francesco Bandarin (Italy) Meera Mehta (India)	Presentations in 6 Parallel Sessions	urban API Project	Presentations in 6 Parallel Sessions		Conclusions by Congress Team Announcement of 2015 Congress and YPP Closing of Congress
13:30 - 14:30		Lunch	Lunch	Lunch	Lunch		
14:30 - 16:30		Presentation of Gdynia: City, Port & Waterfront	Presentations in 6 Parallel Sessions	Think Tank Habitat III	Presentations in 6 Parallel Sessions		OGC Workshop
16:30 - 17:00		Posters and Coffee	Posters and Coffee	Posters and Coffee	Posters and Coffee		
17:00 - 19:00	ISOCARP Bureau meeting	Educational Planning Forum	ISOCARP Activities Happy Hour (YPPs, UPATs, Projects)	Launch of the 50 th Anniversary Celebrations Acknowledgement of ISOCARP founders & former Presidents	ISOCARP Annual General Meeting		
19:00 -		Welcome reception by the Mayor of Gdynia	Tour of Gdansk (booking necessary)		Conference Gala Dinner and Awards		

Plenary Sessions

Parallel Sessions

Tours

Other activities



KEYNOTE SPEAKERS



Francesco Bandarin is the former UNESCO Assistant Director-General for Culture. He was the Director of the UNESCO World Heritage Centre from 2000 to 2011. He studied Architecture at the Institute of Architecture of Venice, Italy and City and Regional Planning at the University of California, Berkeley, USA.

He is Professor of Urban Planning at the University Institute of Architecture of Venice. For over 20 years, he has been consultant for international organizations in the field of urban conservation and development. He has been in charge of programs within large projects such as the Safeguarding of Venice and its Lagoon and the preparation of the year 2000 Jubilee Preparations in Rome. He has directed the process for the drafting and adoption of the UNESCO Recommendation on the Historic Urban Landscape.

Francesco Bandarin has written several specialized publications and articles, and recently co-authored *The Historic Urban Landscape: Managing in an Urban Century*. London: Wiley-Blackwell, 2012.



Alex Krieger has combined a career of teaching and practice, dedicating himself in both to understanding how to improve the quality of place and life in our major urban areas. Alex Krieger is a principal at the Boston-based architecture and urban design studio of NBBJ, a global architecture firm. The studio has served a broad array of clients in major cities worldwide, focusing primarily on planning, educational, institutional, health-care and public projects in complex urban settings.

He is a professor at the Harvard Graduate School of Design, where he has taught since 1977. He served as Chairman of the Department of Urban Planning and Design, as Director of the Urban Design Program, and as Associate Chairman of the Department of Architecture. He serves in several university-wide roles including the newly established design review committees for both the Allston and Cambridge campuses.

Alex Krieger is a frequent advisor to mayors and their planning staffs, and serves on a number of boards and commissions, including: Director of the NEA's Mayor's Institute in City Design, Founder and co-director of the Large City Planners Institute, The Joseph Riley Institute, and as a Design Excellence Peer for the U.S. General Services Administration. In 2012, he was appointed by President Obama to the U.S. Commission of Fine Arts. He received a Bachelor of Architecture degree from Cornell University and a Master of City Planning in Urban Design degree from Harvard. He is a Fellow of the American Institute of Architects.



Meera Mehta is a Professor Emeritus at CEPT University. She has over 35 years of experience in water and sanitation, urban development and urban infrastructure finance. She also serves as a member of the Steering Committee of the Stockholm-based inter-governmental organization Global Water Partnership (GWP), advisory committee for SHARE project at the London School of Hygiene and Tropical Medicine, and was a member of the working group on equity for the WHO-UNICEF post-2015 deliberations for water supply and sanitation.

Meera Mehta developed a new graduate programme in housing and was the Director of School of Planning in 1992. She has worked with USAID's FIRE-D Project, and with the World Bank in India and subsequently with its Water and Sanitation Program in Africa (2000-2006). She has consulted for a large number of international agencies (including World Bank, ADB, DFID, UNICEF, USAID and Government of Netherlands), Gates Foundation, and WaterAid. She has written extensively on housing, urban development, water and sanitation and infrastructure finance. Meera Mehta studied Architecture, Urban Planning and obtained Ph. D. in economics.

KEYNOTE SPEAKERS



Janusz Zbik was appointed Undersecretary of State in the Ministry of Infrastructure and Development on 28 November 2013. He was Undersecretary of State in the Ministry of Infrastructure for the period 1 May 2011 to 23 November 2011. From 23 November 2011 to 27 November 2013 he worked as Undersecretary of State in the Ministry of Transport, Construction and Maritime Economy.

He graduated from the Faculty of Architecture at the Cracow University of Technology in 1981. Between 1981 and 1984, he worked in the Municipal Engineering Design Office in Cracow, taking part in municipal infrastructure projects (concerning water intake structures in Cracow, incinerators and cemeteries in Batowice and Tynec). From 1984 to 1991, he worked in the public administration as Municipal Architect in Krzeszowice.

Before his appointment to the post of Building Control Inspector in Malopolska in March 2003, he was a Vice-Chairman of Municipal Council in Krzeszowice, member of Regional Council Bureau in Malopolska and District Board in Cracow. For many years, he was running a business as a chief architect and owner of 'Arch-Invest' architecture studio.

Janusz Zbik conducted many projects in the area of construction (housing, public utility and industry). Before the appointment to the post of Undersecretary of State in the Ministry of Infrastructure, he worked as a Building Control Inspector in Malopolska. He holds entitlements to perform independent technical functions in the construction industry in the area of architecture and execution of construction projects. He is a member of the Association of Krzeszowice Land Lovers. He was also a member of its Board. He was awarded Gold Medal for Long Service.

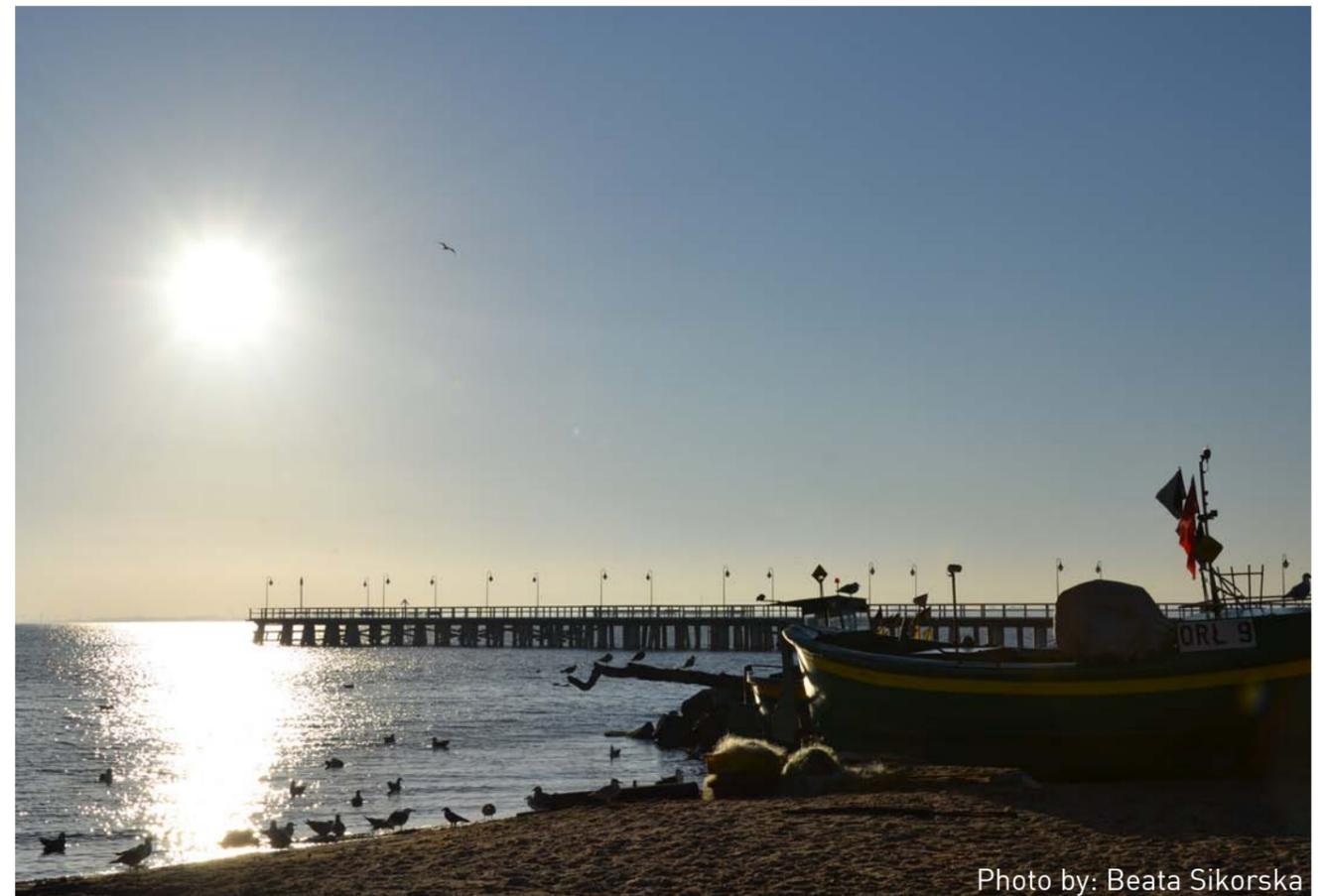


Photo by: Beata Sikorska

Monday 22 September	Tuesday 23 September	Wednesday 24 September	Thursday 25 September	Friday 26 September
Registration all day also on all other congress days	<p>09:00 – 11:00 Opening Plenary - Auditorium C Chair: Piotr Lorens</p> <p>Welcome Musical Performance Milica Bajic-Brkovic / President ISOCARP Wojciech Szczurek / Mayor of Gdynia Stawomir Ledwon / ISOCARP VP Congresses and Events Amos Brandeis / General Rapporteur: Introduction of the congress topics and team Shi Nan / VP Publications: Presentation Review 10 Piotr Lorens / VP YPPs: Presentation of YPP project with the Young Planning Professionals</p> <p>11:00 – 11:30 Coffee</p>	<p>09:00 – 11:00 Plenary: Waterfront Planning Marathon Auditorium C Moderator: Amos Brandeis</p> <p>Antwerp, Fort Lillo, Belgium Auckland, New Zealand Basel, Switzerland Brasilia, Paranao Lake, Brazil Bydgoszcz, Old Fordon, Poland Gdansk, Young City, Poland Kaliningrad, Russia Trencin, Slovakia Varanasi, India</p> <p>11:00 – 11:30 Coffee</p>	<p>09:00 – 11:00 Plenary: Presentations of the Winners of the ISOCARP Awards for Excellence 2014 Auditorium C Chair: Pietro Elisei / ISOCARP VP Communication</p> <p>11:00 – 11:30 Coffee</p>	<p>09:00 – 11:00 Plenary: Keynote speeches - Auditorium C</p> <p>Janusz Żbik / Undersecretary of State in the Ministry of Poland The Polish Urban Agenda</p> <p>Alex Krieger / NBBJ / Harvard Graduate School of Design, USA Transformations Along Urban Waterfronts</p> <p>11:00 – 11:30 Coffee</p>
<p>11:30 – 17:00 Tour of Gdynia Lunch will be provided</p>	<p>11:30 – 13:30 Keynote speeches Chair: Stawomir Ledwon</p> <p>Olgierd Dziekonski / Secretary of State Quality factor at the urban transformation. The dilemma of the local freedom</p> <p>Francesco Bandarin / University Institute of Architecture, Venice, Italy The Historic Urban Landscape</p> <p>Meera Mehta / Prof em CEPT Univ, India Urban planning and water and sanitation services in low and middle income countries</p> <p>13:30 – 14:30 Lunch</p> <p>14:30 – 16:30 Presentation of Gdynia: City, Port & Waterfront Chair: Marek Stępa / Vice-Mayor of Gdynia</p> <p>16:30 – 17:00 Posters and Coffee</p>	<p>11:30 – 13:30 6 Parallel Tracks</p> <ol style="list-style-type: none"> 1. Urban Design, Landscape and Livable Cities – Auditorium C 2. Social Aspects, Collaborations and Governance – Auditorium A 3. Economic, Leisure and Tourism Aspects – Room D 4. Water Management – Azure Room 5. Environment, Ecosystem and Climate Change – Room E 6. Ports, Transportation and Infrastructures – Marine Room <p>11:30 – 13:30 Urban APIproject - Coral R</p> <p>13:30 – 14:30 Lunch</p> <p>14:30 – 16:30 6 Parallel Tracks</p> <ol style="list-style-type: none"> 1. Urban Design, Landscape and Livable Cities – Auditorium C 2. Social Aspects, Collaborations and Governance – Auditorium A 3. Economic, Leisure and Tourism Aspects – Room D 4. Water Management – Azure Room 5. Environment, Ecosystem and Climate Change – Room E 6. Ports, Transportation and Infrastructures – Marine Room <p>14:30 – 16:30 OGC workshop - Coral Room</p> <p>16:30 – 17:00 Posters and Coffee</p> <p>17:00 – 19:00 ISOCARP Activities Happy Hour (YPP's, UPAT, Projects) - Auditorium C</p> <p>19:00 Tour of Gdansk (booking necessary)</p>	<p>11:30 – 13:30 6 Parallel Tracks</p> <ol style="list-style-type: none"> 1. Urban Design, Landscape and Livable Cities – Auditorium C 2. Social Aspects, Collaborations and Governance – Auditorium A 3. Economic, Leisure and Tourism Aspects – Room D 4. Water Management – Coral Room 5. Environment, Ecosystem and Climate Change – Room E 6. Ports, Transportation and Infrastructures – Marine Room <p>14:30 – 16:30 6 Parallel Tracks</p> <ol style="list-style-type: none"> 1. Urban Design, Landscape and Livable Cities – Auditorium C 2. Social Aspects, Collaborations and Governance – Auditorium A 3. Economic, Leisure and Tourism Aspects – Room D 4. Water Management – Coral Room 5. Environment, Ecosystem and Climate Change – Room E 6. Ports, Transportation and Infrastructures – Marine Room <p>14:30 – 16:30 Think Tank HabitatIII - Azure R</p> <p>16:30 – 17:00 Posters and Coffee</p> <p>17:00 – 19:00 Launch of the 50th Anniversary Celebrations, Acknowledgement of ISOCARP founders & former Presidents: - Auditorium C</p>	<p>11:30 – 13:30 Closing plenary: Auditorium C</p> <p>Amos Brandeis / GR and Congress Team / Conclusions and congress statement</p> <p>Local Organising Committee 2015 Congress The Netherlands / Announcement of the 51st ISOCARP Congress, October 2015 and Young Planning Professionals 2015</p> <p>Words of thanks by ISOCARP and LOC Closing of Congress</p> <p>13:30 – 14:30 Lunch</p> <p>14:30 – 17:00 ISOCARP Annual General Meeting - Auditorium C</p> <p>19:00 Conference Gala Dinner and Awards Buses will bring you to the venue and back</p>

INDEX OF AUTHORS IN PARALLEL TRACK SESSIONS

Abdelmalik	Thursday	14:30	Krosnicka	Thursday	11:30	Rossetti	Thursday	14:30
Adebayo	Wednesday	14:30	Küblü	Thursday	11:30	Ryser	Thursday	11:30
Adeleye	Thursday	14:30	Ladzianska	Wednesday	11:30	Saghin	Wednesday	14:30
Adeleye	Wednesday	14:30	Landsberger	Wednesday	11:30	Santoso	Thursday	11:30
Aló Da Silva	Thursday	14:30	Lau	Wednesday	11:30	Saraiva	Wednesday	11:30
Andrade	Wednesday	11:30	Lawson	Wednesday	14:30	Scholl	Thursday	11:30
Ayangbile	Thursday	14:30	Lemaire	Wednesday	11:30	Schretzenmayr	Thursday	11:30
Ayangbile	Wednesday	14:30	Liu Guanpeng	Thursday	14:30	Schuett	Wednesday	14:30
Azimov	Thursday	14:30	Loi	Wednesday	11:30	Shi	Thursday	14:30
Bach-Glowinska	Thursday	14:30	Lorenzi	Wednesday	11:30	Simic	Thursday	11:30
Barki	Wednesday	14:30	Lozano	Wednesday	14:30	Simsek Ilhan	Thursday	11:30
Berezowska	Thursday	14:30	Lu Yuan	Thursday	11:30	Skodra	Wednesday	14:30
Beriatos	Wednesday	14:30	Luan Feng	Thursday	11:30	Sliwa	Wednesday	11:30
Birik	Wednesday	14:30	Luan Feng	Wednesday	11:30	Smits	Thursday	14:30
Bocian	Thursday	11:30	Maciaszek	Thursday	14:30	Smolnicki	Thursday	14:30
Bos	Thursday	14:30	Maczka	Wednesday	11:30	Soltaniehha	Thursday	11:30
Brennan	Thursday	14:30	Maczka	Thursday	14:30	Sretovic Brkovic	Thursday	11:30
Britto	Thursday	14:30	Magaziner	Thursday	11:30	Stanganelli	Thursday	14:30
Britto	Wednesday	11:30	Magazowski	Wednesday	14:30	Stangel	Thursday	11:30
Brkovic	Thursday	11:30	Maiello	Thursday	14:30	Stupar	Thursday	11:30
Byrd-Olivier	Thursday	11:30	Mamo	Wednesday	11:30	Stupar	Wednesday	14:30
Caja	Wednesday	11:30	Maneewan	Thursday	14:30	Tai Yuting	Thursday	11:30
Candia	Wednesday	14:30	Martins	Wednesday	11:30	Tang Wenzhuan	Thursday	11:30
Chatterji	Thursday	14:30	Martyniuk	Thursday	14:30	Tang Yezheng	Thursday	14:30
Chen Jie	Wednesday	11:30	Martyniuk-Peczec	Thursday	14:30	Tertel	Wednesday	14:30
Chen Song	Thursday	11:30	Marwa	Thursday	11:30	Teughels	Thursday	14:30
Chen Xie	Wednesday	14:30	Mbutu	Wednesday	11:30	Tiger	Thursday	14:30
Chen Yi	Thursday	11:30	Mecanov	Wednesday	11:30	Tillner	Thursday	11:30
Chen Yue	Wednesday	14:30	Meenar	Thursday	11:30	Toro	Wednesday	11:30
Chen Yulin	Wednesday	14:30	Miyamoto	Wednesday	14:30	Trojanowska	Wednesday	11:30
Costa	Wednesday	11:30	Mliczynska Hajda	Thursday	11:30	Uttarwar	Wednesday	11:30
Demir	Wednesday	14:30	Moreau	Wednesday	11:30	Van Roon	Thursday	14:30
Dixon	Thursday	14:30	Moreira	Thursday	14:30	Vargas	Thursday	14:30
Djukic	Wednesday	14:30	Moreira	Wednesday	11:30	Verdelli	Thursday	11:30
Dong Zheng	Wednesday	14:30	Morgado	Thursday	14:30	Villa	Wednesday	11:30
Du Ningrui	Thursday	11:30	Morozova	Wednesday	11:30	Wang Xingping	Wednesday	11:30
Dziubinski	Wednesday	14:30	Mukoya	Wednesday	11:30	Weber	Wednesday	11:30
Ekong	Thursday	11:30	Murua	Wednesday	11:30	Weith	Wednesday	14:30
Erbas	Wednesday	14:30	Mwangi	Thursday	11:30	Willinger	Thursday	11:30
Featherstone	Thursday	11:30	Naimi	Thursday	14:30	Wirz	Wednesday	11:30
Feiner	Thursday	11:30	Navarro	Wednesday	11:30	Wu Chengzhao	Wednesday	14:30
Feng Qiong	Thursday	11:30	Nguyen	Wednesday	14:30	Wu Min	Thursday	11:30
Fidelis	Wednesday	11:30	Ojo	Wednesday	11:30	Wu Min	Wednesday	11:30
Finka	Wednesday	11:30	Oktavianus	Wednesday	11:30	Xu Liqun	Thursday	14:30
Fu Wei	Wednesday	14:30	Olufemi	Wednesday	11:30	Yang Jianqiang	Thursday	14:30
Gaasch	Wednesday	14:30	Onyemenam	Wednesday	14:30	Yang Tianren	Wednesday	14:30
Geens	Thursday	14:30	Ostrowski	Wednesday	11:30	Yao Guipeng	Thursday	11:30
Geldof	Thursday	14:30	Özdemir	Thursday	11:30	Yi Wu	Thursday	11:30
Geldof	Wednesday	14:30	Pais	Thursday	14:30	Yuan Lin	Wednesday	11:30
Gerundo	Thursday	14:30	Palla	Wednesday	11:30	Zagow	Thursday	14:30
Gilberti Gonçalves	Thursday	14:30	Papenborg	Thursday	11:30	Zajac	Thursday	14:30
Gladkaya	Wednesday	11:30	Peric	Thursday	11:30	Zaman	Thursday	14:30
Glaudinova	Wednesday	11:30	Peters	Wednesday	14:30	Zang Shan	Thursday	11:30
Gligorijevic	Wednesday	11:30	Piracha	Wednesday	14:30	Zhang Liye	Wednesday	14:30
Gnecco	Wednesday	11:30	Pittaluga	Wednesday	14:30	Zhang Xuwei	Wednesday	14:30
Gossop	Wednesday	14:30	Pols	Thursday	14:30	Zhang Yu	Thursday	11:30
Grechuta	Thursday	14:30	Prusicki	Wednesday	11:30	Zhao Liyuan	Wednesday	11:30
Guaralda	Wednesday	14:30	Przeworska	Thursday	14:30	Zheng Jun	Wednesday	14:30
Guo Xiaodi	Thursday	11:30	Pujdak	Thursday	14:30	Zhou Jian	Wednesday	14:30
Haiwei Yin	Thursday	11:30	Qian	Wednesday	14:30	Zhou Junqing	Thursday	14:30
He Xiaofei	Thursday	11:30	Qin Mengdi	Thursday	14:30	Zhuang Ziyang	Wednesday	14:30
Huang	Wednesday	11:30	Quintslr	Thursday	14:30	Zuk	Thursday	14:30
Ianos	Wednesday	14:30	Raut	Thursday	14:30	Zumelzu	Wednesday	11:30
Izydor	Thursday	14:30	Reardon	Wednesday	11:30			
Janssens	Wednesday	14:30	Reiss-Schmidt	Wednesday	11:30			
Jaroslav	Thursday	14:30	Rembarz	Wednesday	11:30			
Jiang Yang	Wednesday	14:30	Repp	Wednesday	14:30			
Jiao	Thursday	11:30	Rigold	Thursday	14:30			
Kaczorowska	Wednesday	11:30	Rita	Thursday	14:30			
Karakiewicz	Thursday	14:30	Rizzo	Thursday	11:30			
Kielbinska	Thursday	14:30	Rodriguez	Wednesday	11:30			
Kolesova	Thursday	11:30	Roebeling	Wednesday	11:30			
Koprowska	Thursday	14:30	Romasiuk	Thursday	14:30			
Kós	Wednesday	14:30	Rosciszewska	Thursday	14:30			

TRACK SCHEDULE

PR=peer-reviewed paper	Track 1: Urban Design, Landscape and Livable Cities	Track 2: Social Aspects, Collaborations and Governance	Track 3: Economic, Leisure and Tourism Aspects	Track 4: Water Management	Track 5: Environment, Ecosystem and Climate Change	Track 6: Ports, Transportation and Infrastructures
Session 1	Water in Cities - the 'Eye' for Building and Regenerating Viability and Identity of Cities	Water Demand, Availability, Utilization and Scarcity	Economic Development, Leisure & Tourism	Water Management through Traditional Wisdom	Ecosystem Services	Port, Regional Planning and Economics
9/24/2014	Lau, Singapore - track keynote	Olufemi, Canada (PR)	Reardon, Sweden - track keynote	Yuan Lin, China (PR)	Gligorijevic, Serbia - track keynote	Lemaire, France - track keynote
11:30-13:30	Moreau, UK	Britto, Brasil	Saraiva, Portugal (PR)	Prusicki, Italy	Kaczorowska, Sweden	Wu Min, China
	Zumelzu, Chile	Mukoya, Kenya (PR)	Trojanowska, Poland (PR)	Glaudinova, Kazakhstan	Huang Nien-Ping, Netherlands (PR)	Oktavianus, Germany
	Moreira, Portugal (PR)	Mecanov, Serbia	Chen, Jie, China (PR)	Uttarwar, India	Sliwa, Norway (PR)	Rembarz, Poland
	Reiss-Schmidt, Germany	Mamo, Germany	Gladkaya, Russia		Wirz, Switzerland	Zhao Liyuan, China
	Ladzianska, Slovakia (PR)					
Session 2	How does the Water Shape the City and Region?	Water Strategies and Planning Policies	Historic	Government Policies in Addressing the Urbanization of Water	Waterfront Cities	The Sustainability / Quality of Life of Ports and other Transport Infrastructure
9/24/2014	Dong, China	Fu, China	Zheng, China	Magazowski, Germany (PR)	Yang Tianren, China (PR)	Pittaluga, Italy
14:30-16:30	Stupar, Serbia (PR)	Geldof (Janssens), Belgium	Tertel, Poland (PR)	Ayangbile, Nigeria	Adebayo, Nigeria	Birik, Turkey (PR)
	Candia, Italy	Lozano, Mexico	Schuett, Poland	Onyemenam, Nigeria (PR)	Beriatos, Greece	Jiang Yang, China
	Dziubinski, Poland	Weith, Germany	Gossop, United Kingdom	Nguyen, Australia	Skodra, Germany	Skodra, Germany
	Miyamoto, Brasil (PR)	Saghin, Romania	Chen Yue, China (PR)	Zhuang, China	Piracha, Australia	Piracha, Australia
					Erbas, Turkey (PR)	Erbas, Turkey (PR)
Session 3	Organic Holistic Planning and Design of City and Water	Waterfront Developments, Investments, Big Projects	Economic Development	Sustainable Planning for Water-Resilient Cities	City Water Systems	The Relationship between the City, its Development and its Port
9/25/2014	Ryser, UK - track keynote	Mliczynska Hajda, Poland	Mkhize, South Africa - track keynote	Santoso, Singapore - track keynote	Villa, Peru	Krosnicka, Poland - track keyn.
11:30-13:30	Stangel, Poland	Chen, Song, China	Tillner, Austria (PR)	Sretovic Brkovic, Serbia	Yao, China	Soltaniehha, Switzerland (PR)
	Marwa, Kenya	Feng, China	Zang Shan, China	Featherstone, USA (PR)	Guo, China	Verdelli, France
	Chen Yi, China (PR)	Rizzo, Sweden (PR)	Bocian, Poland	Du Ningrui, China (PR)	Simsek Ilhan, Turkey	Küblü, Turkey
	Kolesova, Russia	Ekong, Nigeria	Byrd-Olivier, United States	Tai, Netherlands		Simic, Serbia
		Lu Yuan, China	Schretzenmayr, Switzerland (PR)			
Session 4	Building a Resilient Water-Integrated City and Region	Water, Governance, Participation	Recreation/Tourism	Dealing with the Complexity: Models for Water Management	Climate Change	Urban Regeneration of Waterfront Areas
9/25/2014	Tiger, USA - track keynote	Tiger, USA - track keynote	Pais, Portugal	Van Roon, New Zealand	Gerundo (Stanganelli), Italy	Rita, Kenya
14:30-16:30	Maiello, Brasil (PR)	Maiello, Brasil (PR)	Zagow, Egypt (PR)	Maneewan, New Zealand (PR)	Adeleye, Nigeria (PR)	Teughels, Belgium
	Abdelmalik, Sudan	Brennan, United Kingdom	Azimov, France	Smolnicki, Poland	Raut, India (PR)	Izydor, Poland
	Zaman, Belgium (PR)	Martyniuk-Peczec, Poland	Martyniuk-Peczec, Poland	Naimi, Algeria (PR)		Zajac, Belgium
	Yang, China (PR)	Morgado, Portugal	Bach-Glowinska, Poland			Kielbinska, Poland
	Bos, Netherlands (PR)	Chatterji, India (PR)				

CONGRESS TEAM



Amos Brandeis

Architect Amos Brandeis is the owner and manager of an international urban and regional planning firm based in Israel. He is Ambassador of the International Riverfoundation (Australia) and former Chairman of Israel Planners Association (2006 - 2012).

His firm is involved in planning of many urban and regional plans on the international, national, regional and local level. Among them cities, city centers, urban renewal, neighborhoods, villages, sea-shores, ports, tourism complexes, rivers, schools, agricultural projects, etc. Amos Brandeis has been awarded over fifteen prizes in the course of his professional career and academic studies. Amos served as a planner, consultant, speaker and/or workshop leader in many countries over five continents.



Abdelwehab Alwahab

Abdelwehab A. Alwahab is a Faculty Member at the Urban and Regional Planning Center for Postgraduate Studies at the University of Baghdad since 1994. He has taught courses in subjects related to urban, environmental, infrastructure planning and engineering. Abdelwehab served as the Head of the Department of Environmental Planning at the Center, and Scientific Adviser of the Environmental group of Graduate students. He has provided consultation services to the Municipality of Baghdad, the Ministry of Municipalities, and acted as a consultant, and team member of master plan formulation to a number of Iraqi cities. He is a Founding Member of the Cyrus Institute of Knowledge (Cambridge).



Alexander Antonov

Alexander Antonov is an urban and regional planner in the Moscow Regional Urban Planning Scientific Research Institute. He worked out masterplans and zoning rules for more than 20 municipalities in Moscow region as a chief architect of the project. He currently works as part of the team responsible for the Spatial Development Scheme of the whole Moscow region.

Alexander was a co-founder of the Russian GIS Association in 1994, and a publisher and editor-in-chief of the first Russian GIS magazine "GIS-review". In 2010 he was one of the co-founders of the Russian Urban Planners Association (RUPA). Alexander's professional interests are participatory planning, GIS and Remote sensing data in urban planning, regional and urban spatial development strategies.



Nageeb Elhoweris

Mohamed Nageeb Suleiman Elhoweris is working as Associate Professor of Architecture and Planning in the Faculty of Architecture of the University of Khartoum (Sudan). Arch. M. Nageeb is an experienced Architect/Urban Planner, and an urban designer with more than 29 years of professional and senior management experience. From September 2009 he has been the Head of the Department of Planning and Urban Design.

Nageeb is a partner and principal of Badya & Al Estidama, a Khartoum-Sudan based private firm that specializes in urban planning, urban design, health, office and residential buildings. The office is known for a holistic design approach and has acquired many awards in architectural competitions.



Lorraine Gonzalez

Lorraine Gonzales has worked in the land use planning profession for twenty years. Lorraine has experience in both urban and rural land use planning and has been a project manager and essential technical and advisory team member on significant projects, including a number of comprehensive and master plans for new urban areas, a ski resort community, and light rail transit oriented developments. Her experience in the governmental field involves constant coordination among government agencies on the local, regional, state, and federal levels. Lorraine is currently employed as Senior Planner for Clackamas County which is one of three urban counties in the greater Portland, Oregon metropolitan area.



Zeynep Gunay

Zeynep Gunay is an urban planner and associate professor at the Department of Urban and Regional Planning of Istanbul Technical University. She was a visiting lecturer in Bauhaus-Universität Weimar Institut für Europäische Urbanistik (2013). Her major areas of interest are urban conservation and urban regeneration/renewal theories and policies. Through her scholarly works, she questions the vicious relationship between culture vs development and conservation vs regeneration with reference to neoliberal planning agenda; and she explores sustainable heritage management methodologies. She was awarded with the Emerald Literati Outstanding Reviewer in 2012.

CONGRESS TEAM



Martina Juvara

Martina is a leading master planner and urban designer with major international infrastructure and planning experience, particularly in Europe and the Mediterranean. Before leading URBAN Silence, a new consultancy focussed on masterplanning for prosperity, Martina led teams at SKM Colin Buchanan, Arup and Llewelyn Davies. She has recently completed the regeneration and development strategy for the centre of Nicosia and for the industrial area of SOPAZ (Cyprus) and has provided essential contribution to the master plan for the city of Damascus (Syria). Martina is committed to use infrastructure investment to increase people's well-being. She won the London Planning Award in 2003 for her strategy for Ilford town centre in east London.



Olusola Olufemi

Olusola is an Associate Professor of Urban and Regional Planning. Olusola has taught in the Departments of Geography, Urban and Regional Planning and Women Studies at various Universities in Nigeria, South Africa and Canada. She was a member of the Gender Inclusive and Housing Policy Working Group, at St John's University, Canada, and was a visiting professor in 2013 at the University of Ibadan, Nigeria. Olusola was the first coordinator of Women in Planning Network of the Commonwealth Association of Planners. She has been published in peer-reviewed journals, encyclopedia, and books. Her areas of interests include: Urban and Regional Planning, Housing, Homelessness, Gender and Food Security.



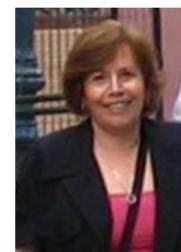
Gabriel Pascariu

Since 1997 Gabriel has been teaching territorial and strategic planning, urban regeneration and other related issues at the Faculty of Urban Planning of "Ion Mincu" University. Since 2003 he has been coordinating the master programme for Territorial Planning and Regional Development. Gabriel is a member of the editorial board of the magazine "Urbanismul - new series", he published over 100 articles and is author or co-author of more than 15 published books and scientific reports. Since 2011 he is member of the Higher Board of the Romanian Register of Urban Planners and in 2013 was elected President of the Romanian Association of Urban Planners.



Guy Perry

Guy Perry founded IN-VI in 2000 to develop best practices in transition markets. He works from the scale of a room to a region and focuses on the well-being of humans and their interface with the environment. He has planned and led the development of Europe's largest new district of the 21st century, Central Europe's largest urban regeneration and conceived new development patterns for urban extensions in Brazil and North Africa. His work has received the highest accolades from ISOCARP, ULI, FIABCI, the Bloomberg International Property Awards and the Architectural Review. Over the past few years, Guy has fostered design and development studios at the University of Hong Kong, MIT and Harvard University.



Marcela Villa Luna

Marcela Villa, architect and urbanist, is Coordinator of Urban Planning Academic Area at Ricardo Palma University's Faculty of Architecture and Urbanism, Lima, Peru. With over 30 years of experience Marcela works as urban planning and research consultant: urban disaster's prevention and mitigation, town reconstruction and environmental issues. Marcela is the co-founder of a planning and urban studies firm. Marcela's expertise in urban and regional planning has embraced coastal, tropical forest and highland regions.



Brigitte Schmelzer

Brigitte Schmelzer has a well-regarded reputation in the field of landscape architecture and urban design. She is working as a free consultant in interdisciplinary teams, and is teaching as a Professor at the Agrarian University of Stuttgart-Hohenheim and the Academy of Arts in Stuttgart. From 1982 -2007 she managed her own firm the Planungsgruppe LandschaftsArchitektur + Ökologie in Stuttgart. Her team reached a new professional standard in ecological survey, environmental assessment, mitigation projects, landscape- and city planning on all levels, design of open spaces, parks, interdisciplinary projects, and competitions.



Hongyang Wang

Hongyang Wang is a professor of urban planning and design at Nanjing University. He researches and teaches planning philosophy and methodology, comprehensive planning, urbanization and urban-rural integration. He has been chair for preparing more than 40 plans, including regional, strategic and master plans for over ten major cities and regions/provinces in eastern, middle

and western China. Many of these plans were awarded planning prizes. As the Co-director of the Sino-French Centre for Urban, Regional and Planning Studies by Nanjing University and University Paris 12, he is active in international cooperation between Chinese and International planning communities of both academics and practitioners.

Introduction to the Congress by the General Rapporteur



Architect Amos Brandeis
General Rapporteur

Architecture, Urban & Regional Planning Ltd,
Israel

ISOCARP's 50th International Planning Congress faces one of the most challenging and interesting planning themes: "Urban Transformations - Cities and Water".

Water is everywhere. Water related issues are significant in planning of any type and scale. All cities around the world were built along waterways, or along a coast of an ocean, sea or lake. The multifaceted relationships between urban planning and water has structured and influenced the development of metropolitan areas, cities, towns, rural areas, villages, and even neighborhoods throughout history and will always do so. The congress opens the opportunity to touch all aspects of urbanity and the inherent relationships between the urban planning and water issues, from all angles, in all disciplines, and various scales.

Leading professionals from the private, public and academic sectors from about 50 countries, over all continents, will meet in Gdynia, between 23-26th of September 2014 to present, listen, and discuss. The participants include urban planners, environmentalists, sociologists, infrastructure planners, economists, river restoration planners and managers, decision makers, researchers and other professionals. Five keynote speakers and 125 speakers at the parallel sessions will present and discuss plans, projects, case studies, researches, evaluations, theories and methodologies. These will blend across different topics and will demonstrate how comprehensive, complex and fascinating planning is as a bridge between theory and practice. The selected papers proof again how interventions involve multilevel, collaborative, cross-border and trans-disciplinary approaches.

The papers demonstrate how global, wide, comprehensive and acute the relationships between cities and water are, both in areas which are blessed with sustainable water resources, and in areas which suffer from severe water shortage or floods. The broad picture, drawn by the individuals during the conference, will hopefully provide the participants with awareness, knowledge, knowhow, tools, sensitivity, and passion to face these challenges in their daily professional life.

This year's congress offers 2 plenary sessions with 5 keynote speakers who will present their views regarding the main congress theme. These include Minister Olgierd Dziekonski from Poland, who will give an overview on planning in Poland in the light of the congress theme; Professor Francesco Bandarin from France/Italy will talk about the Historic Urban Landscape: managing historical urban layering and their relationships with water; Professor Meera Mehta from India will talk about Urban planning and water and sanitation services in low and middle income countries; Professor Alex Krieger from the USA will talk about Transformations Along Urban Waterfronts; and Mr. Pawel Orłowski, will give his view on the Water and City issue in Poland.

As part of the diverse congress program, a "Planning Waterfront Marathon" will take place on the 24th of September morning plenary session. Following a call for nominations, 9 waterfront projects, from 8 countries, over 4 continents, were selected to participate. Each project will be presented in 10 minutes. The best project/s will be selected by a jury, and the best presentation by the audience. Out of the record number of 302 submitted abstracts, 144 were chosen, in a totally blind process, for the submission of papers, and presentation at the 6 parallel sessions. The papers were rated by the congress team, according to 5 criteria: Problem definition & planning

approach; methodology; relation to congress themes; applicability to other projects/regions; and findings, outcomes and lessons. About 125 papers, from 35 countries, over all continents, will be presented at the congress. 47 of the papers went through a peer-review process. Out of them 41 papers received the status of peer-reviewed papers, following an extensive process of remarks and corrections, according to the anonymous peer review process. The papers will be presented in 6 concurrent tracks, having each 4 sessions, on the 24th and 25th of September.

The sessions will be hosted by co-chairs from an outstanding international congress team of 12 members representing 12 countries. The co-chairs have chosen, during the evaluation process, the best abstract of each track, as a "Track Keynote". Its author will present at the beginning of one of the sessions. In addition we have 2 invited Track Keynotes, from Singapore, and AIVP (the Worldwide Network of Port Cities). The sessions will provide an opportunity to hear enlightening case studies and to engage colleagues. We have built in time for discussion and hopefully this will spur dialogue between speakers and congress participants. This is the exciting part about ISOCARP congresses, learning from each other.

The 6 concurrent sessions are divided into 6 "open margins" tracks, with some overlaps between them, due the interdisciplinary nature of planning:

- **Urban Design, Landscape and Livable Cities.**
Co-Chairs: Hongyng Wang from China and Guy Perry from Hong Kong /Switzerland
- **Social Aspects, Collaborations and Governance.**
Co-Chairs: Olusola Olufemi from Canada, and Gabriel Pascariu from Romania.
- **Economic, Leisure and Tourism Aspects.**
Co-Chairs: Lorraine Gonzales from United States, and Alexander Antonov from Russia.
- **Water Management.**
Co-Chairs: Zeynep Gunay from Turkey, and Marcela Villa Luna from Peru.
- **Environment, Ecosystem and Climate Change.**
Co-Chairs: Brigitte Schmelzer from Germany, and Nageeb Elhoweris from Sudan.
- **Ports, Transportation and Infrastructures.**
Co-Chairs: Martina Juvara from the UK, and Abdelwehab Alwehab from Iraq.

Introductory reports for the 6 tracks are provided by the congress team members. Each report presents the topics and main questions of the track, and each of the 4 sessions, and elaborates the most interesting points in the authors' papers.

On behalf of the congress team, welcome to the 50th ISOCARP congress.

Amos Brandeis, August 2014

Introductory Report Track 1 Urban Design, Landscape and Livable Cities

Co-Chairs:

Hongyang Wang,
China

Guy Perry, Hong Kong
/ Switzerland



Track 1 deals with the basic arena of city and regional planners: spatial planning, design and landscape shaping under this year's theme 'city and water'. Our record clearly demonstrates how significant and widely relevant this year's theme is. We will have 22 presentations from 16 countries (!) and they are selected from nearly 70 submissions. They will bring us updated water-related development and intervention world-wide, indicating how fashionable water & water related development is for public administrators and developers. Although all acknowledging the vitality of water in city, our speakers will critically examine the current movement, from its explicit positive and suspicious effects, to the fundamental impact on social behavior, cultural identity and natural ecology; from practical planning and design tips, to general methods and theory; and from the present to the historical lessons and future foresight. Our track will show, the **multiple objectives, current progress in both theory and practice** as well as wisdom drawn from **history**, all suggest that policy-makers, developers and planners critically review their current policies and objectives to create more **humane** and **resilient** cities. Along this line of exploration, our track is organized into four sessions:

Session 1.1: Water in Cities: the 'Eye' for Building and Regenerating Viability and Identity of Cities

What is the current global situation of waterfront development or regeneration? Is there any trap with the current practice of water-related development and design, e.g. are mega-projects a good way?

Study and comparison of numerous cases from Singapore, West Africa, Chile, Portugal, Germany and Slovakia bring an overview of global waterfront urban and regional practice and mega-projects. Apart from the implication of the significance of water-related urban transformation, one will firstly observe how diversified the typologies of waterfront projects could be: development or brownfield regeneration; site, city or metropolitan scale; greenway, leisure but active beach, public cultural center or dense CBD; organic to continue the local social and cultural fabric, or radically Dubai-like modern fashion. However, no matter what typology a project belongs to, all studies conclude to carefully understand the complexity of water-related intervention. The role of the water is not just for the site, but also for the city and region, and hence the design has to carefully consider the impact at multiple scales. Waterfront project seems to exhibit more obvious interrelations of elements that determine its space. These elements include the natural ecologies, the infrastructural system, the built environment, the open spaces and the new urban extensions. Also different stakeholders have different interests and tastes on waterfront projects. As water is like 'eye' of a city and region, which looks at everybody and vice versa, success of water-related projects is determined by its integration of diversified interests and goals. By contrast, there is evidence that mega-projects may tend to ignore some of the complexity of water-related development, such as the balance between public and private space, local cultural identity and modern functional demand, mixed use and mono function, and radical change and gradual evolution.

Session 1.2: How does the Water Shape the City and Region?

Re-approaching the rationale, mechanism and technology that water creates, integrates and promotes a city and region. What can we learn from historical wisdom of water treatment in habitats, cities and regions? What are the new explanations of the mechanism that water shapes a city and region?

Empirical studies on cases in China, Serbia, Italy, Poland and Brasil help to illuminate the rationale how the water shapes the physical and socio-economic morphology of cities by integrating various natures (such as flowing, dynamic and uncertain) and functions (such as drinking, transportation, sewer, defense, anchor of public space, stimulus of enlightenment, home of landmark architectures and hence eminent figures). This traces back to ancient time, when integration of several basic functions relating to water created harmonious Southern Yangtze small town image in China. And in Italy, the accumulation and harmonious integration of functions along the history created the glorious memory of the landmark Redefossi canal in Milan. However, when the basic and multiple functions and their integration are blindly seen, brutal treatment upon water and relevant space would happen. Today, image of globalization (power of capital, instant change and mass production are part of it) is a key driving force behind much water-related development and intervention, which has already produced many and is producing more controversial results. Remedy of debatable projects often include rediscovering and reconnecting (repositioning) the water into its vital functional networks, like what is happening in Warsaw, Poland.

Session 1.3: Organic Holistic Planning and Design of City and Water

How to integrate multiple objectives into water-related planning and design?

This session tries to collect some project or planning samples integrating multiple objectives. It will start with another Keynote of Track One, which based on investigation of some most famous European waterfront projects (including the Marseille waterfront development, the London Docklands and the Thames riverfronts, and the uncovering of the Manzanares river in Madrid), tries to establish a neutral framework to evaluate the integrity of water-related development and planning (from whose standpoint, in whose interest, to whose benefit, with what short-term effects and long-term effects etc.). Then four river related plans/designs or concepts from Poland, Kenya, China and Russia will be presented, all of which try to integrate many values or assets, including creating a 'green-blue corri-dor' capable of creating settlement and employment opportunities for nearby informal sector poors.

Session 1.4: Building a Resilient Water-integrated City and Region?

Direction for future water-integrated planning and design Holistic integrative water related planning brings back the classic debate on comprehensive planning (rational planning). And the comprehensiveness is still growing. Technically, could and how could planning and design accommodate such comprehensiveness?

The debate on comprehensive planning insists that it is impossible to clearly plan in advance the multiple objectives and interactions of various elements. On the one hand, this session will demonstrate more functions and objectives that water and water related space could have, such as water's phenomenological or atmospherically evocative (rather than concrete) function. It will also discuss technologies measuring and integrating these functions and objectives in planning and design, such as the water and wind simulation, which tries to concretize some elements of Chinese ancient wisdom FENGSHUI (wind and water). On the other hand, the six papers in the session also imply a technical solution to accommodate the increasing complexity

of water related development and its planning, namely resilient planning/design. That is, the planning and design would not deal with everything but focus on accurately identifying and settling the limited but vital objectives for any specific project. For example, the Netherlands' practice to create its delta is a project around solving the key contradiction of flooding and agriculture. And today, its Delta Envisioning Support System (DENVIS) is focusing on bringing people together (making communication and consensus-building happen). The White Nile Sugar Project of Sudan focuses on integration of local agriculture and industry. Such efforts are to build resilient structures for space, where the key pillars against disasters are set and other elements will adjust themselves in response to individual needs and changes. As a whole, a reboundable viable system is created. Of course, such a system should be built not just on a city but also on a regional basis.

In all, Track One will demonstrate that water related urban development has a unique transformative potential to create more humane, culturally relevant and ecologically harmonious cities.

Introductory Report Track 2 Social Aspects, Collaboration and Governance

Co-Chairs:

**Olusola Olufemi,
Canada**

**Gabriel Pascariu,
Romania**



“The problem facing mankind is not a lack of fresh water, but a lack of efficient regimes for using water that is available” (Robert Ambroggi). Perhaps when the rivers run dry...what humanity needs is “a new water ethos that cherishes water and respects the river” (Fred Pearce, 2006).

Water as a connection or divider between cities or regions; water related collaborations at the national or local levels; cross-border cooperation, existence of formal and informal networks across territorial water or river limits, point to the significance and sacredness of water among different social cultures and environmental facets. Authors from 17 countries, from 5 continents present case studies covering 7 European, 6 African, 3 American and 3 Asian countries. There is a large number of cases coming from some of the largest countries in the world such as China (5), Brazil (3), Nigeria (2) India (1) and USA (1) responding in various ways to the above topics proposed. The 24 presentations are scheduled in 4 two hours sessions having specific topics and briefly described below.

Session 2.1: Water Demand, Availability, Utilization, Scarcity

How has water been a divider or connector in various social communities in respect to access, use and rights in the framework of different geographic, cultural, institutional, environmental, social or economic contexts?

The case studies from Brazil, Ethiopia, Kenya, Nigeria and Serbia refer to the issue of problematic access to drinking water resources of less favoured social groups within the framework of legal, institutional, geographical or cultural conditions. The authors suggest various possible solutions to improving living conditions and access to water through organisational measures, increased cooperation or better use of new technologies and water courses integration through means of efficient planning and creative urban design.

Water scarcity threatens women's food provisioning work (production, procurement, preparation, processing and distribution) in Nigeria. The paper suggests various measures to meet women's practical and strategic water needs. The river for the people case of Da Pedras River's revitalization in Rio de Janeiro addresses the critical relationship between the Rio das Pedras slum and the river using an urban design approach. In Kenya, the new constitution demands the right to safe water and sanitation for all. The author examines a social approach to increasing access to safe drinking water. In Belgrade, the Sava Amphitheatre is a central part of the city which remained unsolved from centuries, located on the Sava River. The paper provides an overview of the various attempts to transform and organize a core area of the city with political, cultural, social and functional implications. The formal and informal land contests around major water bodies in Ethiopia are an emerging changing pattern of urbanisation and habitation in this longstanding highland country. This paper provides historical and contemporary contexts while suggesting responses through appropriate hydro-social organization. The case of Vila Acaba Mundo, is about a slum located in the city of Belo Horizonte, Brazil, which has a history of 60 year occupation and of intense social mobilization around land tenure and housing regularization. The paper examines possibilities of water and environmental protection.

Session 2.2: Water Strategies and Planning Policies

How could planning policies and integrated strategic approaches improve the multiple uses of water as a social, economic, energetic or urban image resource?

The case studies for this session from Belgium, China, Germany, Mexico, and Romania presents a variety of situations related to planning policies and strategies from flood risk management to more efficient multi-use of water as a complex social, economic and energetic resource. Papers discuss the need for integrated territorial approaches and long term visions and strategies combined with improved regulatory frameworks, multi-level and multi-scale cooperation and enforced planning policies in all issues related to management of water resources.

Beijing faces a complex water conflict and crisis. This paper, using mathematical and spatial statistics results, examines the influence of water planning on water conditions. The author proposes in the end feasible strategy for water planning in the Chinese capital. The authors of the paper on “The Future Commons 2070...” focus on the case of the Belgian part of the North Sea and the development of major projects related to coastal defence, energy supply, harbour extensions and argues about the need for a global long term vision. The case study of Yangzi Waterfront commercial district in Wuhan, China, analyzes the key elements of multi-department coordination, cooperation, collaboration and power balance regulation in order to achieve rational utilization of spatial, land and water resources in waterfront urban design. The Mexico case study aims at uncovering the factors responsible for the inability to transit from political discourse to actual practice in risk management especially, flood and risk mitigation. The paper identifies some of the main weaknesses of public policies and regulatory framework in the field. The overarching questions of governance settings and rural-urban linkages are tackled in the joint research on Sustainable Land Management in Germany adopting the trans-scalar and trans-sectorial perspective within an interdisciplinary approach. The paper from Romania discusses how a more efficient management of water resources can accelerate intra-regional and trans-regional cohesion. The author argues that a place-based approach, promoting integrated territorial management of water resources requires a complex management of their relationship with the land and associated resources.

Session 2.3: Waterfront Developments, Investments, Big Projects

What kind of water related planning tools and processes, institutional capacities, collaborations and governance practices exist?

The session includes presentations from China, Qatar, Nigeria and Poland, covering various aspects related to waterfront developments and other big projects related to water in general. The scale of problems goes from very large ones generated by gigantic infrastructures to smaller local interventions at city level, touching social, economic or cultural implications as well as spatial and functional ones. One particular analysis is focusing on the social and behavioural transformations due to rapid urbanisation along coastal areas of Western Africa.

The paper on waterfront revitalization discusses how the innovative concept of “territorial capital” reflects the transformation in urban. The research study analyzes selected waterfronts' revitalization strategies and their outcomes, along with the urban spatial policies and their recognized practice on elaborating patterns of design for waterfronts within the context of post-socialist cities in Poland. Evolution and development of the relationship between rivers and urban space in the Chinese ancient capital city Luoyang is examined along its long history following the successive changes of the rivers' functions. In recent years the recreational function of the water has been significantly enhanced. The case of Three Gorges Dam - the largest hydro-technical infrastructure project in China and probably in the world - has generated huge problems of relocation of people and environmental reconstruction. The paper discusses the river culture and its spatial patterns of history, from the time-space-humanity perspective. Using case studies from a few “immigrant towns” built over the last 20 years. Pearl Island in Doha, is the biggest sea-reclaimed urban project in Qatar, inspired by the “Dubaisation” trend in the Gulf Region. The paper analyses the politics and processes of mega water developments in the Arab Gulf region touching on socio-economic impacts and challenging the sustainability issues. African case studies, covering 8 big coastal cities from Nigeria, Sierra Leone and Senegal are examined in the paper from the perspective of rapid urban expansion and resulting evolution of new coastal urban lifestyles and their wider social negative implications for fisher folks, wetland farmers, indigenous people, women and youth. Suzhou creek is an important river in Shanghai city, which has undergone renovation over the last decade and has now a renewed image far from the previous disparaged one of “black and stink”. This paper explores by means of social research tools, the usage of the rehabilitated waterfront public space of the Suzhou creek.

Session 2.4: Water, Governance and Participation

Are formal and informal networks reshaping the communities' relationship to water and the decision-making process?

Case studies from USA, Brazil, Tanzania, France, Portugal and China indicates concrete projects or experiences, showing similar concerns or approaches to the issues of community involvement, participatory processes and decision-making in relation to rehabilitation and urban integration of waterfronts or to improved access to clear water. Success stories, best practices about participation and governance, the role and value of water in the reshaping urban life or territorial identities and image and long term visions are discussed. Notable is the desirable actions, interventions, outcomes and necessary changes in governmental policies through innovative approaches. “Voices to Vision” process aims at intensive community education and engagement in regards to the development of the San Francisco Bay waterfront in Albany, California, USA. The paper illustrates how “Voices to Vision” not only prepared the community for new challenge, but also guided the city through an incremental educational process leading to a strong, clear community vision. The municipality of Queimados, in the Rio de Janeiro metropolitan area, in Brazil, is a social-environmentally vulnerable region with an

incomplete water system and no public sewerage system. This paper investigates through a fieldwork approach, the informal solutions and new alternative system, suggesting the need for socio-technical innovations. The case study of Dar es Salaam, Tanzania draws upon multiple scales from community level initiatives to city wide planning in assessing the current and future urban planning visions for socio-environmental justice. The paper explores the contrasting reality of informal settlements against the official planning discourse embracing future visions of “smart cities” and “eco-cities” as “solutions” to perceived “urban problems”. The paper about the French political project of “Reims 2020” examines the participatory experiences that define the urban space, raising the awareness of the inhabitants about the water resources of their city and its surroundings and giving birth to a new sort of urban planning for this French city and its environment. In the Lisbon, Portugal paper “where land and water meet, people join together and (re) create”, the author seeks to design an approach that induces positive spatial and social change among local communities in the context of minimum resources by taking advantage of the human and social capital. The Calcutta, India case study examines the politics of planning and reclaiming the river during postindustrial restructuring. The paper brings out the complexities of brownfield urban regeneration in a globalizing city like Calcutta.

Track 2 papers give an insight into social aspects, lifestyles of people with and around water and water bodies, collaboration, multi-level governance and accommodating multiple uses of water. Water can be and has been transformed through planning, creative designs, revitalization efforts and spatial patterning processes to accommodate various multiple uses and functions. Most water transformations have been influenced by politics, informal mechanisms, participatory processes, resilience and social endurance that have challenged environmental justice and the incremental education process.

Introductory Report Track 3 Economic, Leisure and Tourism Aspects

Co-Chairs:

**Alexander Antonov,
Russia**

**Lorraine Gonzales,
United States**



“You could write the story of man's growth in terms of his epic concerns with water.” - Bernard Frank -paths; urban parks; etc.

This session explores the evolution of planning principles in relationship to waterfront development; specifically, the “urban transformations” of cities and water. In the past, the environmental component of a community has not been perceived as an equal to economic development; instead it has functioned as a secondary or lesser priority. Past industrial uses have dominated waterfronts. In the world today the concept of global warming and realization that our environment is an equally significant component to define a community's livability on both an economic development and human interaction level environmental issues are dominate.

A collection of twenty four authors from various countries have presented papers to address the issues, goals, complications, and methodologies used to address the historical and environmental preservation, and redevelopment transformation to reclaim, revitalize, protect, and celebrate the urban waterfronts to achieve successful economic developments.

Session 3.1: Economic and Leisure

"There has been a lot said about the sacredness of our land which is our body; and the values of our cul-ture which is our soul; but water is the blood of our tribes, and if its life-giving flow is stopped, or it is polluted, all else will die and the many thousands of years of our communal existence will come to an end." - Frank Tenorio, 1978

This session addresses economic development as it pertains to leisure. Six papers are presented by authors from Sweden, Portugal, Poland, China, United Kingdom and Russia. These papers explore the concept of blue/green/biophilia development as a means to enhance the human experience, perception, and economic development in respect to health and well-being, a valued environmental resource, job opportunities, tourism, and open space. Each of these elements are essential in defining a community.

The papers examine tools of linear walkways, waterfront parks, connections to urban development and green growth, preservation of heritage, financial resources, tourism, social equality, spatial development, and political challenges in the various case studies. The authors reveal the challenges of lessons learned, political will, historic content, and methodologies used. They further address if the lessons and tools are interchangeable and applicable to future projects worldwide.

Approaches offered in the Session 1 papers are characterized by the high degree of complexity and provide policies, strategies, and methodologies that are transferable to urban waterfronts worldwide.

Session 3.2: Historic cases

"Water is the most basic of all resources. Civilizations grew or withered depending on its availability."

- Dr. Nathan W. Snyder, Ralph M. Parsons Engineering

How can the historic evolution of a community be a benefit when redevelopment is necessary for the economic survival of that community?

This session addresses the historic evolution of small towns and thriving metropolis as they struggle with the challenges faced to preserve the historic culture, architecture, infrastructure, integrity, and environmental amenities, while faced with the challenges of pollution, poor water quality, brownfields, strict conservation policies, flood events, and a lack of political will.

The session represents examples of riverfront and blue network transformations through the Ages, historical riverfront landscapes, regeneration approaches, and implementation of 200-years old visionary projects. The authors provide various forms of methodologies to address the challenges faced, which include development of policies for urban transitions to adapt the Historic Towns Policy, development of management studies and data collection, monitoring systems, public outreach, education, renovation and preservation of structures.

Session 3.3: Economic Development

"Civilization has been a permanent dialogue between human beings and water."

- Paolo Lugari (founder of the Gaviotas Community in Colombia) - How to create successful and an attractive urban environment along waterfronts for the residents and employment based occupants in post-industrial areas?

This session features papers from Austria, China, Poland, and United States. The trends of society and economic development during the early centuries featured port communities with a focus on fishing and industrial uses. The transition of time along with the shift from manufacturing to a service oriented employment base has demanded redevelopment of the industrial waterfront. This shift has created a dynamic where the economic demand is now focused on urban development, open space, recreation and tourism. The

authors address the benefits that cover the community's economic and public well-being. The authors address the need to establish various relationships between the local residents, interest parties, and political entities to help define the issues, values and goals and the need to develop a marketing strategy. A quantitative analysis is employed to determine redevelopment methods.

Session 3.4: Recreation and Tourism

"Water, that wonderful, flowing medium, the luck of the planet — which would serve humankind in so many ways, and which would give our planet a special character." - Daniel Boorstin, The Discoverers

What strategies can be employed to successfully redevelop a post-industrial waterfront to accommodate recreation and tourism needs?

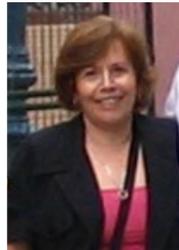
This session features papers from Portugal, Egypt, France, China, and Poland which describe the seaside cities of Lisbon, Agadir, Sanya, Qingdao, Gdansk and Glasgow. These papers address the complexity and issues involved to deindustrialize a waterfront by planning and converting a significant portion of waterfront to serve the urban recreation, leisure and tourism uses. The authors address various methodologies used to assess the economic feasibility of the projects and to understand the social and economic network patterns necessary to apply urban zones and design economic and social sustainable environments.

Introductory Report Track 4 Water Management

Co-Chairs:

Zeynep Gunay, Turkey

Marcela Villa Luna, Peru



The reckoning of water wars throughout centuries and the fast and severe day by day increase of urbanisation of water that causes more destruction of water ecosystems, pollution, natural disasters on flood prone urban sites led us to face the need to discuss water management along the history of human interrelation with water and the measures to manage sustainably water resources nowadays.

The participants of the Water Management Track have presented a number of themes within a broad picture of opportunities and challenges, which we have structured so as to respond to four stimulating questions:

- What kind of lessons do our history teach us to cope with water management?
- How do governmental policies address the environmental and social challenges in the urbanization of water?
- What different planning proposals can achieve water-resilient cities?
- What kind of methodologies are available to deal with the complexity of water management?

In this 50th ISOCARP Congress, planners urge us to consider different ways of facing problems threatening water surfaces pointing the paradigm shift with new integrated frameworks rooted in the essence of planning being comprehensive, interdisciplinary and multidimensional. Track 4 presents 22 papers that explore and discuss these different aspects of water management over 16 countries (China, Poland, Italy, Germany, Netherlands, Serbia, Switzerland, Kazakhstan, India, Pakistan, Algeria, Nigeria, New Zealand, Singapore, Trinidad & Tobago and USA). There are four

sessions focusing on "Water Management through Traditional Wisdom", "Governmental Policies in Addressing the Urbanization of Water", "Sustainable Planning for Water-Resilient Cities", "Dealing with the Complexity: Models for Water Management".

Session 4.1: Water Management through Traditional Wisdom

Global climate warming and environmental changes generated by rapid urbanization have increasingly shown their lethal results in our cities. This has made clear the necessity of urgent action to cope with wise water management models particularly focusing on the balanced relationship between human and nature. The lessons learnt from historic and traditional settlement systems is therefore important not only to bridge with the past but also to build a better future. This session features papers from Eastern and European societies that discuss the water management models based on traditional and ancient wisdom such as medieval particular view or understanding of the world, and ancient religions with evidences from China, Italy, Turkic settlements and India. Flood mitigation, water system restoration, irrigation system proposals are explored to learn lessons for a shift from water struggle to water wise planning: learning from history.

The session starts with a paper from China, which gives us an ancients' traditional wisdom example to cope with disasters in ancient Dujiangyan irrigation region, explaining its basic philosophical essence and contemporary relevance. The next paper deals with the ancient Italian water system of the city of Milan inquiring the role of water system in the perspective of heritage and hydraulic system. The paper from Kazakhstan gives a comprehensive picture of development of the Turkic culture on the realm of water, while the paper from India questions the role of water in stabilising cities as a way of emphasising the shift from commodity ownership of water towards a sense of community ownership.

Session 4.2: Governmental Policies in Addressing the Urbanization of Water

This session deals with the challenges facing urban water management and presents the implications of paradigm shift in policy-making including themes of sanitation systems, water supply exploring environmental, social and institutional challenges.

The three papers that deal with sanitation and water supply systems offer a scope from pricing scheme as a viable business model in a European sanitation system services in Germany to the availability of portable water and sanitation practices assessment addressed by national policies in Nigeria and the implications for household access to water supply in the Delta State, also in Nigeria. The role and practice of urbanization of water are questioned and evaluated through the governmental policies in the next two papers: waste water management in Pakistan and water transfers between urban and rural Indian regions is analysed (SES framework) by a USA participant. The paper from Trinidad and Tobago focuses on floods and examines the impact of recovery as a base of reforming the institutional and regulatory framework for disaster management planning.

Session 4.3: Sustainable Planning for Water-Resilient Cities

Sustainable development agenda addresses changes of emphasis in urban planning approaches and practices so as to link politics, urban and economic development, ecosystem and community needs. All papers in this session offer recent strategies, assessment framework and risk management.

The session starts with a paper from Singapore, which compares two different planning approaches and strategies of two world megalopolis: Singapore and New York City man-made and natural approaches to multi-functional water defense system acknowledging environmental, economic and social impacts considerations. The paper from Belgrade explores regeneration opportunities for neglected small urban streams, pollution and

flooding by using decentralized open small-scale systems for storm water collection. A conflict case study is addressed by exploring an urban area revitalization and transportation improvement plan in USA. A paper from China deals with the assessment of water spatial planning framework efficiency through quantitative measurement of the dynamic changes of water-related space based on the case study of Wuhan. The last two papers of this session address water related risk management. The paper from Netherlands aims at understanding the impacts of rapid urban development on water-related urban challenges particularly in delta cities using the layer approach for integrated urban planning and flood management to optimize ecological, economic and socio-cultural values of water while mitigating flood risk in the urban context. Cross-border planning and water management including concerns on sustainable development, landscapes and agricultural land protection, ecological compensation and others is analysed in the Linth Plain case study in Switzerland.

Session 4.4: Dealing with the Complexity: Models for Water Management

In this session, the impact of urbanisation and urban transformation on water surfaces and methodological approaches in water management are explored. The session features papers from China, New Zealand, Poland and Algiers that discuss various methodologies and models for water management including impact assessment, bio-treatment and integrated catchment models, low impact studies and hydrology modelling in dealing with rainwater drainage, water supply or pluvial flooding.

Three theoretical papers on impact assessment are presented in first place: a conceptual hydrological model (multipoint inflow) for Beijing's Liangshui River catchment area, strategic environmental assessment and cumulative environmental assessment linked to storm water engineering in Lucas Creek in Auckland, New Zealand and LID mode application for Chaihu Town case study, Zhongxiang city of Hubei Province, China. In this last paper, a planning strategy based in an ecological stormwater regulation system is put forward. Bio-water treatment: constructed wetlands and aquaponics development are the main guidelines for the next two papers. The paper from New Zealand explores the effectiveness of constructed wetland systems for mitigating water contamination in tropical climates, while water recycling in urban neighbourhood structures such as aquaponics, micro-hydro-power plants, bio-water-treatment or algae energy production is addressed in the paper from Poland. The analysis of domestic water consumption related to population growth and the means implemented to meet the needs of households to outline the limitations of the pursued supply-oriented policy are discussed in a case study from Algeria.



Photo by: Marek Pegowski

Introductory Report Track 5 Environment, Ecosystem & Climate Change

Co-Chairs:

**Nageeb Elhoweris,
Sudan**

**Brigitte Schmelzer,
Germany**



Human Well-being affords two strategies: first: save and use our resource system as a "common pool reserve" (OSTROM) and second: reduce and buffer global environmental impacts through effective measures. (Millennium Ecosystem Assessment).

Our topic covers under the main thematic of a water related context environmental strategies and planning tools to intensify sustainability and resilience in existing urban areas and in new developments. These projects afford a scientific, ecological base which is offered through academic research projects and best professionally proofed planning tools. Inter-disciplinary teams and the combination of "bottom-up" and "top-down" strategies including the public and stakeholders can guarantee implementation. The concept of resilience has been transferred from physics to social sciences via ecology, to ensure sustainability results in changing the perspectives of urban blue and green areas. This thematic is taken up through the wide range of studies and planning models which are presented by the papers of these four sessions about: Ecosystem Services, strategies for coastal urban areas, management of hydrological needs in cities and proposals to meet the effects of climate change.

Session 5.1: Ecosystem Services

Which strategies and planning projects can help cities and regions to reach better sustainability for the benefits of a healthy and livable environment? Manifold strategies, projects and research on different planning levels, urban and near-nature landscapes will be discussed. The papers show high professionalism and remarkable projects for their main object sustainability and resilience.

The Urban Planning Institute of **Belgrade** offers an elaborate strategy for the riverine urban landscape at the confluence of Danube and Save of European identity "the natural core of the city". An innovative methodology with the involvement of multi-disciplinary experts and an open public and institutional discussion process was the base for the multifaceted ideas and scenarios.

Ecosystem Services a renowned strategy shows the connectedness of all ecological parameters over time and spatial scales which can be made operational for cities development: presented via several remarkable projects of **Stockholm** the Swedish town at the Baltic Sea.

A project on the Northeast Coast of **Taiwan's** National Scenic Area proposes a conflict diminishing land use model through a critical research. It is a good example of an adaptive approach to solve a land use conflict which resolved between nature conservation and further urban development.

A Norwegian team presents remarkable visions of sustainability and resilience for the future of **Mexico City** to regain former water qualities and reduce natural hazards. Lake Tecoco Ecological Park an immense area of 14.500 hectares also meeting social and recreational needs for the population. The recovery of Rio Piedad which was channeled for the Viaducto expressway as an "urban surgery" for bringing back and implement open space qualities. Although the Tecoco Park has been started in parts by 2012 but the two visionary projects are threatened through the competition with individual traffic.

Two building standards of **Switzerland** are perfectly presented; they are an assessment tool for sustainability in development projects: the "2000-Watt Sites" and the "Standard for Sustainable Construction". The real estate development profits from this standardized tools through strategic positions of a sustainable portfolio

Session 5.2: Waterfront Cities

Cities along sea shores or riparian zones of waterways have a special advantage with their image relevant location. How can they gain back their often neglected water connected areas for ecology and recreation under the additional threat of Climate Change?

The Restoration of Urban Scenic Fringe Areas in a Water Town in **China** is necessary to preserve the urban scenic beauty of the landscape which shall lead also to the improvement of the urban environment quality. Once again the question is how to coordinate the contradictions between city and landscapes in order to make environmental necessities a driving force rather than a burden of city development.

The Eko Atlantic Shoreline Protection and Reclamation Project of **Nigeria** shows how it affects the rate of beach retrogression on the Lagos coastline. The study suggests mitigation tools as a revitalization planning strategy to preserve, manage and protect the Lagos coastline. The aim to avoid future erosion of the beaches and diminish the surge has been failed so far. It is a good example how politically highly valued developments have ecological impacts in the wider adjacent areas which the investment promised to exclude.

"Spatial-Environmental Planning for Coasts and Maritime areas as a case of **Greece** in the Mediterranean context". In the era of climate change coastal cities and populations face serious threats. The paper aims at investigating policies and related planning instruments from United Nations and European Union launched during past decade and still in progress, in relation to an integrated policy for environmental protection and spatial planning of coastal and maritime areas in Greece.

The transformation in a waterfront community in the Mekong Delta, **Vietnam** refers to conflicts between urban planning and social practices to cope with flooding. Under threats from sea level rise, floods and water-related issues, understanding the complex ways that local residents can deal with water issues will become increasingly important. Future urban development may not be sustainable without a deep understanding of how the Deltaic people maintain their distinctive lifestyle. Furthermore, in a global context of expected increases in sea level, learning the practices of those living with floods in the Mekong Delta may help other people in the world to survive and adapt to unpredictable floods and new water environments.

The Analysis of the characteristics of San Du Ao's raft settlements in Fujian, **China** discusses the Influence caused by the increasing serious economic, environmental and social problems including the decline of the regional fishery and the degeneration of water quality through the investigation on the spot and the analysis of typical cases; it also summarizes the layout features, elements and spatial characteristics of the traditional rafts in Sandu'ao. To achieve the ecological sustainable development of raft settlements, the paper puts forward a composite industrial mode which could integrate the fisheries and eco-cultural tourism together.

Session 5.3: City Water Systems

City water systems have always been playing a significant role in maintaining the ecological balance from historical times to now. How can the re-naturation and re-integration of often neglected water courses bring back health and beauty to cities?

Deforestation in the Amazon Plain of **Peru** caused by political priority for external markets; poverty and population explosion

Introductory Report Track 6 Ports, Transportation and Infrastructures

Co-Chairs:

Martina Juvara, UK

**Abdelwehab Alwehab,
Iraq**



As the volume of international trade experiences tremendous increase, the pressure to develop infrastructure to support such increases becomes more urgent. Expansion of such facilities, particularly ports in close proximity to urban centers bring along new challenges where urban designers and planners, as well as policy makers must confront. Pressing Issues involve developing synergies to maximize interface between transportation infrastructure, Ports urban domain, waterfronts and regional hinterland. Twenty four papers contributed by scholars from 14 countries are included in this track. The Track is organized into four sessions where relevant case studies from around the globe will be presented.

Session 6.1: Regional Planning and Economics of Ports

This session features papers that present an analysis of the economic impact of ports, and the spatial factor which ameliorate such impact. The development and planning process of industrial zones along the Chinese Yangtze river delta are presented, with an emphasis on future directions, which incorporate high-speed rail, urbanization transformation, and international trade climate. The role of city and regional planners is discussed in a paper from Poland, which examines factors in determining optimal location for container terminals. Another paper from Germany looks at the main causes of seaports infrastructure deterioration, and the interaction of elements that led to such condition. Polish infrastructure planning practices along ports and waterfronts are highlighted in another paper, which discusses issues of transformation from shipyards to intensive industrial usage. A paper from China presents an analysis of the competition among port cities in the Bohai economic rim in light of industrial clusters, urban agglomerations and port spatial distribution.

Session 6.2: The Sustainability and Quality of Life Aspect of Ports and Other Infrastructure

Papers in this session address environmental and design issues related to waterfront utilization. Air, noise, and water pollution problems in Mediterranean ports are presented in a paper from Italy. The need to introduce new methodologies and technologies



Photo by: Krzysztof Romanski

sharpen the effects of Climate Change and fluvial dynamics. Since urban development neglects fluvial dynamics the authors present Environmental Models to sustainable urban development and a Land Use Plan for Disaster Protection.

The construction of greenway network based on ecological restoration of the old course of Yellow River in economically underdeveloped region of **China** aims at improvement of the ecological and landscape features. The evaluation standard for such a planning Project mostly is only its landscape beauty. This project aims to use a greenway corridor to also solve ecological problems. Water Sensitive Urban Design and its Sustainable Management is a strategy urgently needed in **China**.

In the Case of Wisdom Valley of the Suzhou Science and Technology Town the authors show this explicitly. To understand the wetlands hydrological cycles is necessary for disaster prevention. To retain the natural water resources is one aspect of Ecosystem Services as well as to have a refined rainwater management system. The authors present detailed mitigation measures: green roofs, permeable surfaces etc. and agriculture improvement "Public Space Production as a Part of Urban Riverfront Development in Asmaya, **Turkey**.

This paper focuses on the production of public space along shorelines as a "key issue" of a sustainable riverfront (re)development. To be able to achieve sustainability, a (re)development scheme should ensure "three key issues" by balancing them: healthy environment, an effective social usage and a vitalized local economy. The key point is "an organization" which be able to ensure the involvement of various actors at required phases to cooperate for taking part of the project.

Session 5.4: Climate Change

Since the awareness of the oncoming threats of Climate Change, scientific researchers and city administration engage in its topics. Climate Change is one of the problems of the 21. century. Its effects on cities will be severe as seen by the last report of the IPCC: Traditional planning models are inefficient to respond to it on the contrary some have largely contributed to the present crisis: rising temperatures in cities, floods, rising sea levels etc.

Italian researchers developed a planning and assessment method for climate regulating services. Ecosystem services can improve natural cooling in metropolitan areas. The best configuration for Green Areas to reduce the urban heat island is a spatial distribution showing a green area dominant in size and other smaller areas having heterogeneous size, not so much dispersed and interspersed within the urban tissue.

In **Niger** State flood vulnerability has caused impending danger in Sabon-Gari Minna. The researchers present a map of the vulnerable areas and carried out spatial analysis of the flood prone areas and determined the number of buildings vulnerable to flooding. Their final proposed strategies suggest amelioration for future flood disaster and risk mitigation in the study area.

In **India** combating Urban Heat Island through spatial integration of land-uses and water bodies is a scientific and practical duty. The paper evaluates the temporal variation of surface temperature and air quality data over the change of water bodies and ecological reserves and its role to strengthen the effect of Urban Heat Island. It offers workable and implementable solutions to combat the adverse impact of climate change and preserve the well-being of the urban community.

Chinese researchers offer an Ecological Sensitivity Analysis for Shanghang County, Fujian Province. Based on an algorithm analysis they come to areas which are appropriate for construction and others which are prohibited to build on. Ecological analysis comes to a comprehensive Sensitivity Regionalization map.

INTRODUCTORY REPORTS: THEME, TOPICS AND PAPERS

to develop ports in light of MESP (Management of environmental sustainability of ports) policies is put forward. Gdynia Urban waterfront regeneration and transformation into public space is discussed exposing opportunities and challenges. The analysis of the relationship between urban environment and quality of life along the Emscher River is presented in another paper. Economic challenges for waterfront planning in Turkey is addressed, where a number of questions raised on how to integrate ports with city, and the need to integrate ports into urban planning agenda.

Session 6.3: The Relationship between the City, its Development and Transport Infrastructure

Papers in this track present paradigms highlighting the strong linkages between ports, transportation infrastructure, economic and social prosperity of communities. A paper from China concludes that ports have a huge economic boost on urban development. An analysis is carried out utilizing the relative concentration index analysis of five domestic ports. A paper from Switzerland emphasizes the need to forge partnerships among spatial planning professional, municipalities, and port administrators to promote integration of port with city hinterland based on the TOD model. A paper from France highlights the need to integrate ports with the wider community utilizing built up or intangible heritage features to establish a collective memory to attract tourists and visitors. Similarly, a case study from Turkey argues that proposed commercial developments along the Galata harbor district in Istanbul may endanger urban life, and cultural interaction. Waterfront under utilization of the left bank of the River Sava in Belgrade is addressed in a paper which proposes the need to develop new models of spatial development of waterfront that takes into consideration environmental awareness, green design, technological reinforcement, and utopian thinking.

Session 6.4: Urban Regeneration of Waterfront Areas

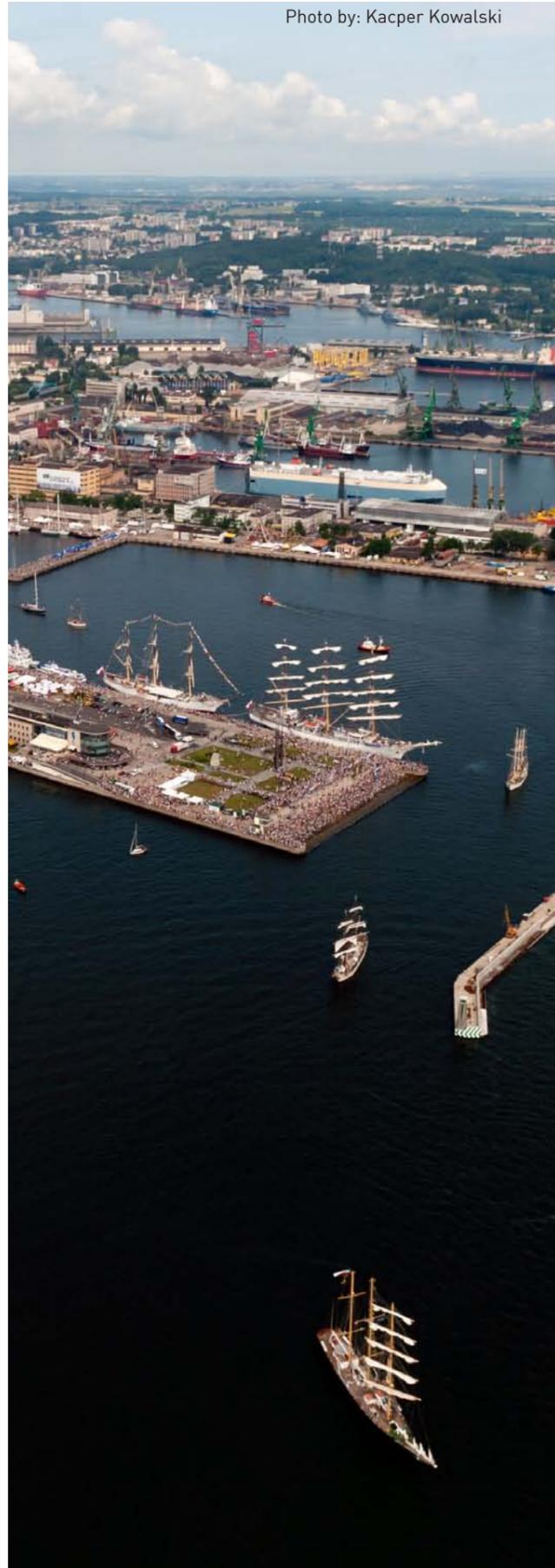
Papers in this session feature topics related to opportunities and challenges of transforming existing shipyards and port land into attractive public spaces. A paper from Kenya looks at suitable mixed land uses that will transform Dar Es Salaam port without compromising port functions, while concurrently maintain port integrating with regional plans. Another paper from Belgium argues the need for coordination to resolve the tension between the waterfront and port in Antwerp. The emphasis is to find a balance between economic and spatial logic. Another paper from Belgium sheds light on the Ghent old dockyards project, which will transform an abandoned Brownfield into a mixed-use vibrant waterfront promoting economic development, and visual landscape utilizing architectural heritage of dockyard. A case study from Gdynia regards public space as a base for waterfront development and transformation. A paper from China highlights challenges to planners on how to transform industrial dockyards, railway, and blank space along Haine River waterfront into attractive public areas.

Photo by: Tomasz Kamiński



Congress Venue

Photo by: Kacper Kowalski



CONGRESS PROGRAM IN DETAIL

Monday, 22 September 2014

Registration all day (also on all other congress days)

11:30-17:00 Tours of Gdynia

17:00-19:00 ISOCARP Bureau meeting

For ISOCARP Bureau members only

Tuesday, 23 September 2014 Morning

9.00 Opening Plenary

Chair: Piotr Lorens // ISOCARP Vice President Young Planning Professionals; Gdansk University of Technology

Welcome to Poland, Musical Performance

Milica Bajic-Brkovic // ISOCARP President // **Welcome address**

Wojciech Szczurek // Mayor of Gdynia // **Opening of the congress**

Sławomir Ledwon // ISOCARP VP Congresses and Events // **Welcome**

Amos Brandeis // **General Rapporteur**, Architecture, Urban & Regional Planning Ltd, Israel // **and Congress Team** // **Introduction to the congress topics**

Shi Nan // ISOCARP Vice President Publications // **Presentation Review 10**

Piotr Lorens // ISOCARP Vice President Young Planning Professionals // **Presentation of YPP project in Gdynia together with the YPPs**

11:00-11:30 Coffee and Tea

11:30 – 13:30 Keynote Speeches:

Chair: Sławomir Ledwon, ISOCARP Vice President Events and Congresses

Olgierd Dziekonski // Secretary of State, Poland

Quality factor at the urban transformation. The dilemma of the local freedom

Francesco Bandarin // Professor of Urban Design at the University Institute of Architecture of Venice, Italy

The Historic Urban Landscape: managing historical urban layering and their relationships with water

Urban conservation has been a successful policy and planning practice in Europe and other contexts in the past half a Century, as proven by many national urban conservation legislation, plans and projects that have been proposed and implemented all over the world. Undoubtedly, the relationship with water has been at the core of the most significant urban conservation and regeneration processes.

Today new challenges have emerged for urban conservation, prompted by the social and economic change processes driven by globalization. In emerging economies, the very traditional meaning of urban heritage is challenged by new urbanisation models. As a consequence, urban heritage can no longer be conceived of as a separate reality, a walled precinct protected from the external forces of change by plans and regulations.

The 2011 UNESCO Recommendation on the Historic Urban Landscape opens new avenues to the conservation of urban heritage, by proposing a "landscape approach", within which elements linked to water and hydraulics play necessarily a fundamental role.

Besides providing an innovative, forward-looking definition of what we should consider part of urban heritage, it also proposes an approach aimed at reconnecting the way in which we address and plan urban conservation and urban development, redevelopment and regeneration. Urban heritage can, in this context, offer important models for sustainability and social inclusion, and represents a 'resource' for the future of the city. A selected number of case studies of urban regeneration in relationship with water will be used to illustrate this position.

Meera Mehta // Professor Emeritus at CEPT University, Ahmedabad, India

Urban planning and water and sanitation services in low and middle income countries

The world is rapidly moving towards high levels of urbanization. A large part of this growth over the coming decades is expected to take place in low and middle income countries, particularly in countries of South Asia, South East Asia and Sub-Saharan Africa. This will put great pressure on provision of basic services such as water and sanitation services. This presents challenges, but also immense opportunities to meet the aspirations of people by ensuring sustainable universal access.

The challenges arise as cities in these countries are expanding and de-densifying, leading to increased costs. This is balanced by increasing incomes that result in increased service demand. There are also opportunities of using innovative approaches to simultaneously meet the

CONGRESS PROGRAM IN DETAIL

burgeoning water needs of growing cities through reuse of waste water using more flexible and decentralized solutions. Increasing focus on using water neutral and zero waste approaches suggest a new way of thinking in the sector. New forms of financing and business models are being explored to address issues of growth in population, spatial extent of cities and effective demand for services. The presentation will highlight both challenges and opportunities and discuss new institutional and financial mechanisms that incentivize the use of sustainable approaches.

13:30-14:30 Lunch

Tuesday, 23 September 2014 Afternoon

14:30-16:30 Presentation of Gdynia: City, Port & Waterfront

During the session the history and growth of Gdynia will be presented. Speakers will introduce the heritage, port areas, waterfront and current issues of Gdynia's development.

16:30-17:00 Posters and Coffee

17:00-19:00 Educational Planning Forum

The Educational Planning Forum at the 50th ISOCARP Congress in Gdynia, Poland will focus on the topic of **Bridging Theory and Practice: Implementation**. The plenary session will explore the legal, economic and financial, and socio-political aspects of "getting plans realized". Panel presentations by an international set of educators/practitioners will provide the catalyst for a structured discussion designed to gather examples and best practices from all participants. The intended result is the production of a short set of suggested actions to improve implementation pedagogy in planning schools.

19:00 Welcome Reception // invitation by the Mayor of Gdynia

Wednesday, 24 September 2014 Morning

* Each morning General Rapporteur Amon Brandeis will give a five minute recap of the previous day.

9:00 Waterfront Planning Marathon

Waterfronts around the world have the potential to be inspirational places where urban planning and design at their best are championed. Nine genuine waterfront projects worldwide were selected for presentation:

- Antwerp, Fort Lillo, Belgium
- Auckland, New Zealand
- Basel, Switzerland
- Brasilia, Paranoa Lake, Brazil;
- Bydgoszcz, Old Fordon, Poland
- Gdansk, Young City, Poland;
- Kalingrad, Russia
- Trencin, Slovakia;
- Varanasi, India

The Best Waterfront Project will be granted by a Jury. The congress audience will give a price for best presentation.

11:00-11:30 Coffee and Tea

11:30 – 13:30 Track presentations

Authors are responsible for the content of the short outlines.

CONGRESS PROGRAM IN DETAIL

Track 1: Urban Design, Landscape and Livable Cities

Co-Chairs: Hongyang Wang, China; Guy Perry, Hong Kong/Switzerland

11:30 – 13:30 Session 1.1 Water in Cities – the 'Eye' for Building and Regenerating Viability and Identity of Cities

Lau, William, Immediate Past President of Singapore Institute of Planner (SIP), Singapore

Track keynote speech: Planning of Marina Bay Waterfront, Singapore Experience

Vision of Marina Bay: Now a Reality - A Case Study

Moreau, Edouard, Off-The-Grid Studio, London, United Kingdom

The challenges of unlocking urban waterfronts development potentials in West Africa

Waterfronts of existing large cities in West Africa will experience in the next decades massive transformations.

Their current conditions vastly differ from the pre-conditions of the well-known case studies in developed countries.

There is a need to develop a better understanding of these conditions and appropriate planning approaches.

Zumelzu, Antonio; Ostrowski, Daniel; Murua, Matias; Navarro, Sebastian; Toro, Melisa; Rodriguez,

Alex, Universidad Austral de Chile, Valdivia, Chile

Centrality and urban transformation: An exploration of the process of live centrality in water-related cities in southern Chile

The aim of this paper is to explore how different spatial configurations are influenced by the process of live centrality and how this plays a critical role in the formation and location of centers, both at a local and city-scale. The study focuses on a middle-size fluvial city in Chile.

Moreira, Inês, Universidade de Lisboa, Lisbon, Portugal

Water dialogues: The influence of the Tagus estuary on the development of metropolitan Lisbon (Peer-reviewed)

The main objective of the paper is to explore the role of the water in metropolitan Lisbon, its influence on the location and morphology of the specialized areas and the changing nature of their relationship (for energy and food production, raw material, transport or leisure).

Reiss-Schmidt, Stephan, City of Munich, Munich, Germany

Munich and the River Isar - Opportunities and challenges for sustainable Urban Design

The River Isar is crucial for the identity and urban quality of Munich (1.4 million inhabitants). While the southern part has been renaturalized, the design of the inner city Isar is still discussed. This case study shows a cooperative planning process to integrate different intentions of stakeholders.

Ladzianska, Zuzana; Finka, Maros, SPECTRA Centre of Excellence EU, Bratislava, Slovakia

Riverfront redevelopment projects on the River Danube in Bratislava (Peer-reviewed)

The aim of the comparison is to outline the probable key behind the success and failure of two Danube riverfront redevelopment projects, Eurovea and River Park, situated in the city centre of Bratislava. Both projects can be found adjacent to the historical city centre, joined by the quayside walk.

Track 2: Social Aspects, Collaborations and Governance

Co-Chairs: Olusola Olufemi, Canada; Gabriel Pascariu, Romania

11:30 – 13:30 Session 2.1 Water Demand, Availability, Utilization and Scarcity

Olufemi, Olusola, Self-Employed, Oakville, Canada; Ojo, Olajide, University of Ibadan, Ibadan, Nigeria

Water scarcity and women's food provisioning work in Ibadan, Nigeria (Peer-reviewed)

Water scarcity threatens women's food provisioning work and ethic of care. Women's domestic and economic labour revolves around water availability and accessibility. It is imperative that women's practical and strategic water needs are met through equitable access to water distribution, low cost water technologies, effective use and participation in decision-making.

Britto, Ana Lucia; Costa, Isabella; Andrade, Victor, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil

The river for the people: The case of Das Pedras River's revitalization on the West Zone of Rio de Janeiro

In search of an urban design that reconciles the water sensitive design and gives answers to urgent housing demands and livability, this work addresses the critical relationship between the Rio das Pedras slum, in the west zone of Rio de Janeiro, and the river through an urban design proposition and reflection.

Mukoya, Kent; Mbutu, Mwaura, Nairobi City Water and Sewerage Company, Nairobi, Kenya

Social approach in increasing access to safe drinking water and sanitation to the urban poor: Lessons and challenges from Nairobi City and Sewerage Company, Kenya (Peer-reviewed)

Kenya's new constitutional demand holds the right to safe water and sanitation for all citizens.

Mecanov, Dragana, Projmetal ad Beograd, Belgrade, Serbia

Concepts of urban development for "Sava Amphitheater" in Belgrade through XX and the start of XXI Century

'Sava amphitheater' is a central part of the City of Belgrade, which is urbanistically unsolved for centuries, and the challenge for planners, architects, and political, social and economic structures as well. It is located on the banks of the Sava River, which flows into an important European river Danube.



William Lau

CONGRESS PROGRAM IN DETAIL

Mamo, Zegeye Cherenet, HafenCity University, Hamburg, Germany

Changing patterns: Major water-bodies and urbanization in Ethiopia

The current formal and informal contest for land around major water bodies in Ethiopia, for both habitation and production, implies the emerging change in the longstanding highland centered urbanization of the country. Understanding the phenomenon within its historical and contemporary contexts is a key to reformulate policy and planning guidelines.

Track 3: Economic, Leisure and Tourism Aspects

Co-Chairs: Alex Antonov, Russia; Lorraine Gonzalez, USA

11:30 – 13:30 Session 3.1 Economic Development, Leisure & Tourism

Reardon, Mitchell; Weber, Ryan, Nordregio, Stockholm, Sweden

Track Keynote Speech: Green & Blue: Documenting the Contribution of Waterfront Eco-Districts to Stockholm's Green Profile

In recent years, Stockholm's environmentally sustainable approach to urban development has risen to international prominence. A major component of its success has been the development and promotion of flagship eco-district projects. This paper explores the connection between Stockholm's renowned eco-districts and the growth of its clean/green tech sectors.



Mitchell Reardon

Saraiva, Miguel; Roebeling, Peter; Fidelis, Teresa; Martins, Filomena, University of Aveiro, Aveiro, Portugal; Palla, Anna;

Gnecco, Ilaria, University of Genova, Genova, Italy

Assessing the socio-economic benefits from green/blue space rehabilitation: A case study for the Confluence area in Lyon (Peer-reviewed)

This paper aims to demonstrate the added socio-economic value of green/blue spaces in urban areas. The hedonic pricing simulation model SULD is applied to the case of Confluence in Lyon, France. Scenario simulations are performed for the establishment of urban parks, requalification of riverfronts, and development of road infrastructure.

Trojanowska, Monica, Gdansk University of Technology, Gdynia, Poland

The health impact of urban parks along waterways (Peer-reviewed)

Well-designed parks along waterways could promote the health and well-being of local inhabitants. They could integrate the nature into the life of people and bridge the diverse population of town dwellers. The therapeutic landscape is a relatively new landscape design approach that could be applied to urban design.

Chen, Jie; Luan, Feng, Tongji University, Shanghai, China

Exploitation of living - leisure costal waterfront of coastal tourist cities - Take Haikou City and Sanya as comparative study cases (Peer-reviewed)

In this paper we take Haikou City and Sanya as a comparative example and try to make out how to improve the rational use and quality of the living-leisure costal waterfront by studying the allocation, functional layout and forms of their typical living-leisure costal waterfront. Participatory experiences for the environment in Reims 2020.

Gladkaya, Olga; Morozova, Olga, St. Petersburg National Research University of Information Technologies, Mechanics and Optics, St. Petersburg, Russian Federation

Tourist cluster placement as a tool of urban areas development on the basis of local authentic features and resources usage

The research shows the effect of tourism cluster placing on the socio-economic development of the city. Kronstadt city, located on Kotlin Island, is the object of our research. The main goals of the project are: modernizing the existing resources, creating a positive image of the territory and effective usage of the territory.

Track 4: Water Management

Co-Chairs: Zeynep Gunay, Turkey; Marcela Villa Luna, Peru

11:30 – 13:30 Session 4.1 Water Management through Traditional Wisdom

Yuan, Lin, Tsinghua University, Beijing, China

The traditional wisdom of flood mitigation in Dujiangyan irrigation region and its contemporary relevance (Peer-reviewed)

This paper takes the traditional Dujiangyan irrigation area in China as a unit for human living, tries to comprehensively explore the measurements for flood mitigation within the region in ancient times, summarizes the traditional "adaptation" wisdom and explains its basic philosophical spirits and contemporary relevance.

Prusicki, Marco; Landsberger, Martina; Loi, Maria Cristina; Caja, Michele; Lorenzi, Angelo, Politecnico di Milano, Milan, Italy

A new great project for the ancient system of waters in Milan

The extraordinary "system of water" of Milan is a great project delineated over the centuries that played a crucial role for Milan and its territory, now in crisis. Four different researches can be put together to delineate a new great project for the ancient system of waters in Milan.

CONGRESS PROGRAM IN DETAIL

Glaudinova, Mekhirbanu, International Educational Corporation, Almaty, Kazakhstan

Water in medieval culture and architecture of Turkic people of central Asia

This paper discusses water in religion, architecture, town planning, irrigation, sacred wells and basins in ancient and medieval temples. This paper also looks at water supply systems and types of hydraulic engineering constructions in Turkic cities.

Uttarwar, Purushottam, Delhi Development Authority, New Delhi, India

Role of water in stabilising cities

Water has been the most important natural resource for flourishing of not only cities but also human civilisations. Urbanisation is a rapid and irreversible process. Cities are going to stay and survive. The big question is how to plan cities and bring sufficient water to the cities. The source of water cannot dictate the location.

Track 5: Environment, Ecosystem and Climate Change

Co-Chairs: Nageeb Elhoweris, Sudan; Brigitte Schmelzer, Germany

11:30 – 13:30 Session 5.1 Ecosystem Services

Gligorijevic, Zaklina; Macura, Vladimir, Urban Planning Institute of Belgrade, Belgrade, Serbia

Track Keynote Speech: Natural core of Belgrade – Urbanization for sustainability

The presented study contributes to a long term Belgrade Waterfront research project, but focuses on the important question: what are the sustainable solutions for the development of the "Natural Core of Belgrade", the 200 ha area around the mouth of the Sava River to River Danube?



Zaklina Gligorijevic

Kaczorowska, Anna, Chalmers University of Technology, Gothenburg, Sweden

Ecosystem services and urban resilience – Case of Stockholm

Urban ecosystem services are currently promoted in Sweden in the planning for more dense and sustainable cities. This paper focuses on the opportunities and challenges involved in the process of integrating the concept of ecosystem services into urban planning in Stockholm and examines tools used to plan for urban resilience.

Huang, Nien-Ping, Delft University of Technology, Delft, the Netherlands

The redefinition of the sustainable development capacity in Taiwan Northeast Coastal National Scenic Area (Peer-reviewed)

The research goal is to redefine the development capacity in Northeast Coastal National Scenic Area for specific types of development which helps the completeness of the existing local development plan response, national and regional policies, as well as local needs.

Sliwa, Marcin, Norwegian University of Science and Technology, Trondheim, Norway

Mexico City: Reconnecting an inland metropolis to water (Peer-reviewed)

Rapid growth of Mexico City caused the disappearance of almost the entire lake on which it was established. The paper will discuss a few examples of the recent proposals to reconnect the city to water and analyze the rationale behind those projects.

Wirz, Nicole, raumplan, Basel, Switzerland

Swiss Standards for Sustainable Development: A juxtaposition – The Standard for "2000-Watt Sites" and the Swiss Standard for Sustainable Construction (SNBS)

Sustainability is an innovative factor in planning. This paper evaluates Swiss Standards for Sustainable Urban Development. It presents the results of a juxtaposition of the Standard for "2000-Watt Sites", based on the concept of the 2000-Watt Society, and the recently developed Swiss Standard for Sustainable Construction (SNBS).

Track 6: Ports, Transportation and Infrastructures

Co-Chairs: Abdelwehab Alwehab, Iraq; Martina Juvara, United Kingdom

11:30 – 13:30 6.1 Port, Regional Planning and Economics

Lemaire, Olivier, International Association Cities and Ports, France

Track Keynote Speech: The Smart Port City, a win win strategy for city-port developments

More recently, under the combined effects of economic, ecological and resource crises, port-cities have developed innovative new strategies. They have sought to ensure their own economic competitiveness in order to respond to the diverse demands formulated by local – and also national and global – political and economic players.



Olivier Lemaire

Wu, Min, Tongji University, Shanghai, China

The interactive mechanism among urban agglomerations, industrial clusters and port groups in the Bohai Economic Rim

This article analyses the process and the interactive mechanism among urban agglomerations, industrial clusters and port groups in the Bohai Economic Rim to get the industry - city - port relationship of each city, decide which system development lags behind, and provide certain guiding for the future development and planning.

Oktavianus, Adrianto, TU Berlin, Berlin, Germany

Analysis of maritime infrastructure in sea port in Indonesia using fuzzy cognitive mapping

This paper analyses the main causes that led to the worse condition of seaport infrastructure in Indonesia using Fuzzy Cognitive Mapping. FCM conducted as a modeling technique based on logic and fuzzy theory. The result is to show the interaction among the elements which causes the problem.

Rembarz, Gabriela Maria, Gdansk University of Technology, Gdansk, Poland

Technical infrastructure in remodeling industrial functions around the Gdynia harbour basin

This paper looks at planning for large-scale technical infrastructure for areas along waterfronts in Gdynia. It also analyses the redevelopment model of harbor areas on the larger scale of the Polish experience in coordination with the urban transformation of the last 25 years. It makes remarks for a larger comparable analysis on waterfront remodeling from the shipyard functions into the modernized industrial usage.

Zhao, Liyuan; Wang, Xingping; Zhu, Kai, Southeast University, Nanjing, China

Industrial Development Zone: China's contemporary characteristic city development pattern

This paper conducted an analysis on the characteristics of development process and planning and construction of China's industrial development zones, summarized basic characteristics of China's characteristic city development pattern under the promotion of industrial development zones, and explained the current problems, accepting typical cities in Yangtze River Delta as cases.

11:30-13:30 Session by UrbanAPI Project

Interactive Analysis, Simulation and Visualisation Tools for Urban Agile Policy Implementation - UrbanAPI is a EU-co-funded project in Information and Communication Technology (ICT). It is aiming at providing urban planners with the tools needed to actively plan and manage the urban environment.

During the project, tools have been developed within three urban planning contexts: Support negotiation processes for urban development projects: 3D Scenario Creator; Assess public motion patterns as response to urban infrastructure: Mobility Explorer; Understand large scale consequences of spatial planning decisions: Urban Development Simulator.

Such developments collectively provide vital decision-making aids for urban planners in the management of the territory, as well as for the associated authorities in political negotiation, and wider stakeholder engagement regarding the future development of the territory.

The particular aims are to:

- support activities such as issue identification, policy analysis, consultation, decision and evaluation in urban planning and land management policy;
- develop a policy metamodel, a formalised vocabulary, a set of rule languages to define data integration and abstract simulation models;
- transpose elements of agile ICT development to the urban policy making process.

The urbanAPI workshop will present the urbanAPI tools and discuss the solutions for urban planners.

13:30-14:30 Lunch

Wednesday 24 September 2014 Afternoon

Track 1: Urban Design, Landscape and Livable Cities

Co-Chairs: Hongyang Wang, China; Guy Perry, Hong Kong/Switzerland

14:30 – 16:30 Session 1.2 How does the Water Shape the City and Region?

Dong, Zheng; Zhou, Jian; Tongji University, Shanghai, China

Research on the spatial form of the waterfront of Tongli's historic town in south Yangtze River

Combining quantitative and qualitative analysis, this paper uses the methods of morphology and typology to research the waterfront land parcels, building texture and spatial sequences of Tongli's historic town in the south of Yangtze River, in order to find out certain rules to guide the conservation and development practices.

Stupar, Aleksandra; Djukic, Aleksandra, University of Belgrade, Belgrade, Serbia

Globalizing the Belgrade waterfront: Mega-projects for a sustainable future? (Peer-reviewed)

Considering the complexity of the Belgrade waterfront areas and the history of their decline, this paper analyses two recent mega-projects for these sites. Providing a critical insight into possible impacts on urban development, the arguments pro and contra mega-projects will be evaluated, defining a preferred direction for a sustainable implementation.

Candia, Claudia, Politecnico di Milano, Milan, Italy

The regeneration of the historic Redefossi canal in Milan

Several diverse contemporary architectural projects are proposing to transform an ancient subterranean canal beneath the historic centre of Milan that would revitalise the Porta Venezia quarter with a series of new public spaces featuring uncovered sections of the historic Redefossi waterway.

Dziubinski, Dariusz, Wroclaw University of Technology, Wroclaw, Poland

The Odra River scenarios

The Odra river in Wroclaw is a "hole" in the city, and areas along the river are "holes in a hole". The current planning is sort of a one-dimensional approach. This paper analyses the situation and gives proposals of scenarios for creating livable spaces at the water.

Miyamoto, James; Barki, José; Kós, José, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil

Rio de Janeiro's waterfront: Will it be good? (Peer-reviewed)

Currently, under the initiative of the Municipal Government, in Rio de Janeiro, the deployment of a renewal project in its central waterfront docklands is underway. It is time to point out factors and measures that can provide a city with surprising environments: lively, integrative, sustainable and beautiful.

Track 2: Social Aspects, Collaborations and Governance

Co-Chairs: Olusola Olufemi, Canada; Gabriel Pascariu, Romania

14:30 – 16:30 Session 2.2 Water Strategies and Planning Policies

Fu, Wei, Peking University, Beijing, China

The impact of water resource planning on water issues in Beijing, China

The lack of empirical studies measuring whether the impact of plans is good for environmental problems or not represents a great gap in planning research. According to spatial-temporal characteristics of water planning correlating to water problems, the findings indicate that water planning worsened water problems in Beijing, China.

Janssens, Nel, Chalmers University of Technology, Department of Architecture, Gothenburg, Sweden, KU Leuven, Faculty of Architecture, Campus Sint-Lucas Brussels, Belgium; Geldof, Charlotte, Magnificent Surroundings, Ghent, Belgium

The Future Commons 2070: The ethical problem of the territorialization of the North Sea

In this paper the authors address the ethical question planners are confronted with when land-win projects as newly created islands and sea wards harbour extensions are becoming topics of high interest to policy makers and project developers. As starting point for the discussion we present the Future Commons 2070 map.

Lozano, Claudia, El Colegio de México (COLMEX), Mexico City, Mexico

Flood risk mitigation: Public policy vs. actual practice

The aim of this paper is to find out why we have not being able to transit from the political discourse to the actual practice regarding risk management, especially the flood and risk mitigation, since these have been the most frequently occurring disasters events since 1900. Case of study: Mexico.

Repp, Annegret; Weith, Thomas; Gaasch, Nadin, Leibniz Centre for Agricultural Landscape Research (ZALF), Müncheberg, Germany

Ways of integrating water and land management at the urban-rural interface

Land and water demands are characterized by dense interdependencies across the urban-rural interface. Joint research on Sustainable Land Management takes a trans-scalar and trans-sectoral perspective, tackling these linkages. Several regional projects provide examples for integrative land and water management and hence for advancing governance approaches at the urban-rural interface.

Saghin, Irina; Ianos, Ioan, University of Bucharest, Bucharest, Romania

Water resources as a fundament for infra-regional cohesion in Romania

This paper aims to identify how a more efficient management of water resources can accelerate infra-regional and trans-regional cohesion. The hypothesis is the following: where water resources are sufficient and well-managed, there are prerequisites for a sustainable and cohesive development.

Track 3: Economic, Leisure and Tourism Aspects

Co-Chairs: Alex Antonov, Russia; Lorraine Gonzalez, USA

14:30 – 16:30 Session 3.2 Historic

Zheng, Jun; Chen, Xie, Jiangsu Institute of Urban Planning and Design, Nanjing, China

Conservation and transition: the industry chosen of the historic towns of China of Shaxi Town in Jiangsu Province Riverside Area

This paper is based on the Shaxi Master Planning which concerns the main task of Shaxi urban transition as changing the current economic development model from manufactory-led to service-led.

Tertel, Anna, Warsaw University of Technology, Szczecin, Poland

Mysteries of Szczecin historic islands (Peer-reviewed)

This paper describes reasons for promoting historic architecture for ecosystems within city structures such as in Szczecin to develop flood management, describe and qualify water, create polder areas and protect old hydrological structures from damage for evolution in time for future inhabitants.

CONGRESS PROGRAM IN DETAIL

Schuett, Rolf, Independent Consultant, Nochowow, Poland

Revitalisation of the 'Ribera de los Ingenios' in the historical core of Potosi, Bolivia

This paper outlines a proposed scheme for urban conservation and integral development in a historical city in Bolivia. The strategy combines heritage conservation, participation, cultural research and ecological revitalisation as a chance to reduce poverty and reorient domestic economy.

Gossop, Chris, MKParks Trust, Milton Keynes, United Kingdom

A new inland waterway for the 21st century - Reawakening a 200 year old vision

Two centuries after an initial vision founded in Britain's Industrial Revolution, the planning of the Bedford and Milton Keynes Waterway is now well advanced. Intended as the core of a linear park, how realistic is the project in economic terms and is the section by section approach an appropriate one?

Chen, Yue, Southeast University, Nanjing, China

The evolvement of Suzhou's land-and-water fabric in three periods of its urbanization (1229-2013) (Peer-reviewed)

This paper aims to explore the evolvement of Suzhou's land-and-water fabric and urbanization process from 1229-2013, arguing that it is the urban trend which sequentially consumed the old urban fabric, suggesting a new open space network along the old waterways as a study before the master plan. Participatory experiences for the environment in Reims 2020.

Track 4: Water Management

Co-Chairs: Zeynep Gunay, Turkey; Marcela Villa Luna, Peru

14:30 – 16:30 Session 4.2 Government Policies in Addressing the Urbanization of Water

Magazowski, Christoph; Peters, Irene, Hafencity University Hamburg, Hamburg, Germany

A pricing scheme for new sanitation system services (Peer-reviewed)

This paper analyzes the hypothesis that NDSS should be implemented because they are able to face the current challenges and they have a cost advantage compared to the centralized system.

Ayangbile, Oluwabukola; Adeleye, Bamji, University of Ibadan, Ibadan, Nigeria

Residents' water needs in the indigenous core of Ibadan City, Nigeria

The physical availability, accessibility, sufficiency and safety of water and sanitation efforts are a major challenge in Beere, a notable slum in Ibadan, Nigeria. This has resulted in indiscriminate waste disposal and major health challenges. This paper therefore assesses the availability of portable water and sanitation practices in Beere, Ibadan.

Onyemenam, Prince, University of Ibadan, Ibadan, Nigeria

Impact of urban transformations on water resources and water management in Delta State, Nigeria (Peer-reviewed)

The support provided for the water supply and sanitation sectors in Developing countries by the World Bank and member countries of OECD increased steadily from 1986 – 1996, rising from 3.4% to 6.6% (World Bank 2004). Nigeria is a major partaker in this program. The paradox. What went wrong?

Track 5: Environment, Ecosystem and Climate Change

Co-Chairs: Nageeb Elhoweris, Sudan; Brigitte Schmelzer, Germany

14:30 – 16:30 Session 5.2 Waterfront Cities

Yang, Tianren; Wu, Chengzhao, Tongji University, Shanghai, China

Restoration of urban scenic fringe areas in water town: Strategies and approaches to Slender West Lake

To support co-evolutionary development and positive interactions between urban land and urban scenic area in water town, landscape approaches for managing fringe areas within their broader water ecosystem and urban context have been put forward, by considering the interrelationships of their physical forms, natural features, and urban ecosystem restoration. (Peer-reviewed)

Adebayo, Abimbola, The Federal Polytechnic, Ado-Ekiti, Nigeria

Urban transformation of coastal cities - Case study of the Eko Atlantic Shoreline Protection and Reclamation Project

The Lagos coast has been suffering high rates of erosion since the construction of three harbour moles at the tidal inlet connecting the Lagos Lagoon to the South Atlantic Ocean. A lesson for Nigeria and especially Lagos is the need of a paradigm shift in their coastal management.

Beriatos, Elias, University of Thessaly, Volos, Greece

Spatial-environmental planning for coasts and maritime areas: Greece in the Mediterranean context

This paper investigates legal and policy documents as well as related planning instruments, from the UN and European Union, concerning integrated policy for environmental protection and spatial planning of coastal and maritime areas in Greece and Mediterranean, and attempts a critical approach for their substantial implementation.

Nguyen, Phuong Nga; Lawson, Gillian; Guaralda, Mirko, Queensland University of Technology, Brisbane, Australia

The transformation in a waterfront community in the Mekong Delta, Vietnam: Conflicts between urban planning and social practices to cope with flooding

This paper aims to identify the transformation in a waterfront community to reveal how flooding adaptation in the Mekong Delta is in contrast to current urban planning and locals' practices. Findings are feasible to give a voice to local communities in the struggle to guide urban development in flood-prone areas.

CONGRESS PROGRAM IN DETAIL

Zhuang, Ziyang; Zhang, Liye; Zhang, Xuewei; Qian, Yun, Beijing Forestry University, Beijing, China

Analysis of the characteristics of San Du Ao's raft settlements in Fujian

Introducing the unique unity settlements—floating rafts. Analyzing the threats which the fishing raft settlements encountered in sustainable development in recent years and presenting strategies for the purpose of achieving raft settlements' ecological sustainable development.

Track 6: Ports, Transportation and Infrastructures

Co-Chairs: Abdelwehab Alwehab, Iraq; Martina Juvara, United Kingdom

14:30 – 16:30 Session 6.2 The Sustainability / Quality of Life of Ports and other Transport Infrastructure

Pittaluga, Ilaria, University of Genoa, Genova, Italy

Pollution management and environmental sustainability of harbors: The MESP project

The intensification of maritime traffic needs to be accompanied by a sustainable management of port areas so to reduce harmful consequences. The MESP project addresses the reduction of water, air and noise pollution deriving from port activities through the implementation of a multidisciplinary approach, which encompasses technological, regulatory and administrative solutions.

Birik, Melih, Korkutreis University, Istanbul, Turkey

Morphological assessment of Istanbul Beyoglu Peninsula while reproducing the urban waterfront (Peer-reviewed)

Istanbul's city centre is under risk of turning its back on the waterfront, in spite of its deep roots integrating the identity with the water. In this assessment, the spatial qualifications of the Beyoglu Peninsula waterfront will be examined according to morphological values in order to re-associate with its hinterland.

Jiang, Yang; Wang, Yue; Villadsen, Kristian Skovbakke; Kvist, Anne Sofie; Jian, Haiyun, Tsinghua University, Beijing, China

Integrating cycling with urban riverfront revitalization in motorizing cities: A case of Kunming, China

This paper develops a systematic and operational method to count and analyze bicycle data, and illustrates its application and value in an urban riverfront revitalization project in Kunming, China.

Skodra, Julita, University of Duisburg-Essen, Essen, Germany

Emscher conversion and quality of life

Emscher conversion presents an opportunity for the improvement of health and quality of life in the process of urban transformation of the shrinking region. Citizen participation allows for tailor-made solutions.

Piracha, Awais, University of Western Sydney, Minchinbury, Australia

Water Views, Affluence and Concern for Sustainable Transport: The Case of Sydney, Australia

Affluent parts of the harbour city of Sydney are becoming more concerned about ecological sustainability. This paper explains how these communities are trying to make local transport more sustainable.

Erbas, Adem Erdem; Demir, Orhan, Mimar Sinan Fine Arts University, Istanbul, Turkey

Challenges and conflicts in achieving sustainable waterfront development in Izmit Bay: The case of Evyap Port (Peer-reviewed)

In this paper the most recent port developments of Izmit Bay (Turkey) are analysed and interpreted in the context of sustainable development strategies, metropolitan plans, and broader economic trends, legislative and institutional frameworks.

14:30-16:30 OGC Workshop: Location matters - and what about interoperability?

Bart M. De Lathouwer - Director, Interoperability Program - Open Geospatial Consortium (OGC)

Microsoft CityNext Initiative - David Burrows - EMEA Government Director Microsoft

How the Open Geospatial Consortium is addressing challenges of urban areas.

The Urban Planning DWG focuses on system interoperability standards for data and related processing services for urban design, implementation, and maintenance. The 3D Information Management (3DIM) DWG is facilitating the definition and development of interface and encoding standards. These standards enable software to develop solutions that allows infrastructure owners, builders, emergency responders, community planners and the traveling public to better manage and navigate complex built environments.

Join us for the workshop to help us better understand and address your requirements and contribute with your expertise to leverage the uptake of open standards in both, the planning as well as the geospatial community.

16:30-17:00 Posters and Coffee

17:00-19:00 ISOCARP Activities Happy Hour

ISOCARP Vice Presidents will give an overview on their activities, e.g. UPATs, Young Planning Professionals, Technical Projects. Sultan Saoud Hadi Al Harthi, UAE, Senior Planning Professional, Program Implementation and Execution, Estidama

19:00 Tour and Dinner in Gdansk (booking necessary)

Departure: Congress Venue

Thursday 25 September 2014 Morning

9:00-11:00 Awards for Excellence 2015

The ISOCARP Awards for Excellence are conferred in recognition of exceptionally innovative urban and regional initiatives that best express the theme of the annual congress of ISOCARP. The winners of the 2015 Awards for Excellence will present their projects.

11:00-11:30 Coffee and Tea

11:30-13:30 Track Presentations

Track 1: Urban Design, Landscape and Livable Cities

Co-Chairs: Hongyang Wang, China; Guy Perry, Hong Kong/Switzerland

11:30 – 13:30 Session 1.3 Organic Holistic Planning and Design of City and Water

Ryser, Judith, CityScope Europe, London, United Kingdom

Track Keynote Speech: Water in cities: For whose benefit?

This paper conducts the critical evaluation of waterfront developments and their beneficiaries, and the role and responsibilities of planners in this process.



Judith Ryser

Stangel, Michal, Silesian University of Technology, Gliwice, Poland

River related urban design and regeneration concepts for small Polish cities

Rivers are often key elements of urban regeneration strategies. Neglected waterfronts are rediscovered, cities are "turned towards the water", and the leitmotif of water emerges in theming public space and urban (re)branding. The discussed projects include riverside development for advancing beyond the genocide trauma of the city of Oswiecim (Auschwitz).

Marwa, Samuel Mugo, Mystical Designs and Associates; Mwangi, E., Caleb Africa, Nairobi, Kenya

Restoration of Riverine waterfronts through integration of greenways in Kenya

Waterfronts in Kenya have become the backyard and waste disposal points in urban areas as habitat for informal settlements. Could these areas become the welcome points of towns and cities giving identity and placeness? The paper seeks to incorporate greenways in restoration of riverine waterfronts in settlements.

Chen, Yi, Nanjing University Urban Planning and Design Institute, Beijing, China

Urban renewal as the main planning philosophy in China's new urbanization process (Peer-reviewed)

This study wants to explore the innovations in planning methodology under China's rapid urbanization background. By summarizing the projects in China, the research on a new philosophy of the master plan is carried out.

Kolesova, Evgenia, Institute of spatial planning Urbanica, St. Petersburg, Russian Federation

Waterfronts in Russia

This paper looks at the prerequisites for the development of waterfronts in Russian cities and presents their development.

Track 2: Social Aspects, Collaborations and Governance

Co-Chairs: Olusola Olufemi, Canada; Gabriel Pascariu, Romania

11:30 – 13:30 Session 2.3 Waterfront Developments, Investments, Big Projects

Mliczynska Hajda, Dagmara, Institute of Geography and Spatial Organization Polish Academy of Sciences in Warsaw, Bytom, Poland

Waterfront revitalization - The innovative component of the Territorial Capital

Waterfront revitalization is widely used as a city transformation strategy. How does the innovative concept of Territorial Capital refer to the contemporary practice of waterfront revitalization, does it reflect the transformation in urban governance, which Harvey describes as the path from managerism to entrepreneurship?

Chen, Song, Tongji University, Shanghai, China

From life to manufacture, from manufacture to leisure: Evolution and development of the river system of Chinese ancient city Luoyang under different social backgrounds

With the transformation of different social backgrounds and ideologies, the relationship between the Chinese ancient capital form and the function of the rivers can be categorised in several words: Life and 'etiquette', leisure and livability.

Feng, Qiong; Wu, Min, Tongji University, Shanghai, China

Reservoir urban space quality improvement on the post Three Gorge era: Case study on a few towns

The paper is a study on the human settlement improvement strategy in landscape, culture and social construction for the immigration of new towns caused by Three Gorges project.

Rizzo, Agatino, Lulea University of Technology, Lulea, Sweden

Politics and processes of sea-megaprojects in the Arab Gulf region: The Pearl Island in Doha, Qatar as a case of study (Peer-reviewed)

In this paper we present the biggest, sea-reclaimed urban project in Qatar (i.e. The Pearl Island) to analyse politics and processes of mega water-developments in the Arab Gulf Region.

Ekong, Faith, University of Uyo, Uyo, Nigeria

Evolution of new coastal urban lifestyles in West Africa: Implications for sustainable African cities

The study aims at examining the possible evolution of new lifestyles over time resulting from the urban expansion and the wider implications of these especially for the socially excluded- fisher folks, wetland farmers, indigenous people, women and the youth of West Africa in these urban centres.

Lu, Yuan, Tongji University, Shanghai, China

The study of renovation and usage situation of the waterfront public space - The case of Suzhou creek in Shanghai

The paper deals with the renovation of the waterfront public space and the usage situation of people in the Suzhou creek.

Track 3: Economic, Leisure and Tourism Aspects

Co-Chairs: Alex Antonov, Russia; Lorraine Gonzalez, USA

11:30 – 13:30 Session 3.3 Economic Development

Tillner, Silja, Willinger, Alfred, Architects Tillner & Willinger, Vienna, Austria

The Wien River as a cultural axis - Transforming a threat into a resource for economic development in Vienna, Austria (Peer-reviewed)

The Wien River flows through densely populated districts, the former landscape has become a highway with land resources for buildings and open space. The potential linkage of monuments in Wien River Valley with a "cultural axis" and an open space network would renew its identity and stimulate economic development.

Zang, Shan; Luan, Feng, Tongji University, Shanghai, China

Exploring the characteristics of shoreline development and utilization in coastal tourism cities under the stage of rapid urbanization

This paper tries to explore the characteristics of shoreline development and utilization in coastal tourism cities and the coupling relationship of city layout under the stage of rapid urbanization.

Bocian, Anna, Wroclaw University of Technology, Wroclaw, Poland

Office building concentrations and waterfronts

How to join office buildings and waterfronts to design an attractive urban tissue for citizens and a friendly work milieu for employees.

Byrd-Olivier, Victoria, Detroit Future City, Detroit, United States of America

Detroit Riverfront and the Future City

Investment in the Detroit riverfront is critical to catalysing the revitalization of the city, but further collaborative master planning is necessary to ensure quality, equity and access.

Track 4: Water Management

Co-Chairs: Zeynep Gunay, Turkey; Marcela Villa Luna, Peru

11:30 – 13:30 Session 4.3 Sustainable Planning for Water-Resilient Cities

Santoso, Amy, Broadway Malyan, Singapore, Singapore; Papenborg, Lukas, University of Antwerp, Antwerp, Belgium

Track Keynote Speech: Hard versus soft: A comparative study of multi-functional urban water defense in New York City and Singapore

The purpose of this paper is to compare the two different types of water defenses in Singapore and New York City, where hard and soft approaches are employed.



Amy Santoso

Sretovic Brkovic, Visnja; Brkovic, Matija, University of Belgrade, Belgrade, Serbia

Small urban streams in Belgrade – Prospective new urban landscapes

Belgrade, once rich with small urban streams, today has only a few left. Neglected, polluted and not regulated at all, they adversely affect the environment and the local communities. The paper explores opportunities for revitalization of such streams using decentralized open small-scale systems for the storm water collection, use and treatment.

Meenar, Mahbur; Featherstone, Jeff; Magaziner, Jaime, Temple University, Ambler, United States of America

What makes implementation happen? Can we fool Mother Nature and atone for our past sins? Lessons learned from an urban revitalization plan for a flood prone office park (Peer-reviewed)

The paper is based on an exploratory case study that describes the process of developing an urban area revitalization and transportation improvement plan and then explores and analyzes the connection or conflict between applied planning research and its implementation over the period of six years.

CONGRESS PROGRAM IN DETAIL

Du, Ningrui; Tang, Wenzhuan, Wuhan University, Wuhan, China

Spatial impacts on water systems and the transition of planning in urbanized areas - Case study in Wuhan, China (Peer-reviewed)

It is essential to integrate space for water system into spatial planning. Therefore, the spatial planning system in China needs to be transformed and the integrated water-spatial planning framework is established for the future urban development.

Tai, Yuting, Technical University of Delft, Delft, the Netherlands

Towards a livable and water sensitive Delta City - The impacts of market-driven urban development on water related urban issues of Guangzhou, the Pearl River Delta of China

This paper focuses on the understanding of the impacts of rapid urban development on water related urban issues through morphological analysis. It provides a scientific basis for integrated urban planning and flood management to optimize ecological, economic and socio-cultural values of water while mitigating flood risk in the urban context.

Schretzenmayr, Martina, ETH Zürich, Zürich; Feiner, Jacques, the Canton of St.Gall, Chur, Switzerland

Flood Protection as initiator for cross-border spatial development planning (Peer-reviewed)

Focusing on the case study of the Linth plain, we will demonstrate that flood protection has to be accompanied by urban sprawl prevention as the abolition of flood danger enables urban development on areas with former building ban, and that these projects give the opportunity to progress with cross-border planning.

Track 5: Environment, Ecosystem and Climate Change

Co-Chairs: Nageeb Elhoweris, Sudan; Brigitte Schmelzer, Germany

11:30 – 13:30 Session 5.3 City Water Systems

Villa, Marcela, Ricardo Palma University, Lima, Peru

Understanding population and fluvial dynamics for a physically safe urban sustainable development model for Pucallpa

An aggressive land use change from natural ecosystems of the Central Amazon rainforest in Peru to economically integrated areas and incremental growth of large urban riverine settlements like Pucallpa has resulted in ecologically-vulnerable areas. Understanding of hydrological and land processes combined with risk-disaster assessment would lead towards a sustainable city.

Yao, Guipeng; Zhang, Yu; Yi, Wu, Jiangsu Institute of Urban Planning and Design, Nanjing; Haiwei, Yin, Nanjing University, Nanjing, China

Construction of a greenway network based on the ecological restoration of the old course of Yellow River in an economically underdeveloped region of China

To improve the ecological and landscape features along the old course of Yellow River in the north of Jiangsu Province, the project plan is committed to construct a regional greenway network with multiple functions to enhance the ecological and recreational connection of cities in an economically underdeveloped region.

Guo, Xiaodi; Jiao, Jiao, Jiangsu Institute of Urban Planning and Design, Suzhou, China

China's water sensitive urban design and its sustainable management - Case of Wisdom Valley of the Suzhou Science and Technology Town Urban Design

This paper proposes to use mature domestic and foreign concepts and approaches of Water Sensitive Urban Design to guide the water resource management in a typical city of Southern China, aiming at supporting the construction of ecological planning projects.

Simsek Ilhan, Bige; Özdemir, Zeynep, Amasya University, Amasya, Turkey

Public space production as a part of urban riverfront development scheme: A contemporary approach for Turkey, case of Amasya

This paper focuses on the production of contemporary public spaces along the urban riverfront as the catalyst of the sustainable waterfront development scheme and draws a theoretical framework via determining the key concepts necessary to formulate a conceptual agenda to evaluate the situation in Turkey within the case of Amasya.

Track 6: Ports, Transportation and Infrastructures

Co-Chairs: Abdelwehab Alwehab, Iraq; Martina Juvara, United Kingdom

11:30 – 13:30 Session 6.3 The Relationship between the City, its Development and its Port

Krosnicka, Karolina Antonina, Gdynia Maritime University, Gdynia, Poland

Track Keynote Speech: Where does the container terminal really end?

Container terminals are crucial for the logistics of a modern city, and together with the related functional objects they are a necessary spatial element of the contemporary settlement network.

Soltaniehha, Mahdokht; Peric, Ana; Scholl, Bernd, ETH Zurich, Zurich, Switzerland

The Port of Piraeus: Industrial zone or urban continuity (Peer-reviewed)

This paper discusses the potential for future transport-oriented development in the port city of Piraeus.

Verdelli, Laura, University of Tours, Tours, France

Heritage, city's (port) iconography and collective imaginary of port cities (Peer-reviewed)

"Heritage" has become a magic word for any urban development project. This paper will discuss how the presence of heritage inside ports areas is today exploited to build the discourse on urban renewal, to attract tourists and to build connections between port and cities, counting on the power of memory.



Karolina Antonina Krosnicka

CONGRESS PROGRAM IN DETAIL

Küblü, Yasemin, Istanbul Technical University, Mersin, Turkey

Water as an urban element

Being in a relationship with water is always a privilege for a city. Galata: Small business, education, culture, trade, green characteristics. Gaining the harbour city's characteristics back.

Simic, Ivan; Stupar, Aleksandra, University of Belgrade, Belgrade, Serbia

Sustainable design models for the Belgrade Waterfront District 'Bara Venecija'

This paper will analyze the possible effects of various theoretical concepts of sustainable and ecological design which could be applied in the case of Belgrade waterfront 'Bara Venecija'.

13:30-14:30 Lunch

Thursday 25 September 2014 Afternoon

14:30-16:30 Track Presentations

Track 1: Urban Design, Landscape and Livable Cities

Co-Chairs: Hongyang Wang, China; Guy Perry, Hong Kong/Switzerland

14:30 – 16:30 Building a Resilient Water-integrated City and Region

Pol, Leo, Netherlands Environmental Assessment Agency, The Hague, the Netherlands

Envisioning support for a green and livable delta in the Netherlands

The Dutch want more space for natural processes, but without losing the safety and economic possibilities. We developed the Delta Envisioning Support System to bridge differences and identify synergies, so we can find new opportunities for more natural dynamics, greener technology, sustainable agriculture and waterfronts related to port channels.

Liu, Guanpeng; Qin, Mengdi, Tongji University, Shanghai, China

Ecological urban design strategies based on water and wind simulation: Revival of riverside negative urban spaces (Peer-reviewed)

This project studies the application of urban design using analysis and simulation of both the river and the wind, to propose eco design strategies on riverside urban spaces, water management and activities along waterfronts. These strategies are implemented on a real project in China to make it more informative and data-based.

Abdelmalik, Rafif, Kenana Engineering and Technical Services, Khartoum, Sudan

Thirsty land that underwent a huge renovation for an urban agro-industrial project

Water can change everything to a livable one. This paper will illustrate the change on a thirsty area that based on the need for water underwent a huge urban agro-industrial project.

Zaman, Jan; Geens, Sara; Geldof, Charlotte, Ruimte Vlaanderen, Brussels, Belgium

Can research by design on regional level help to introduce new concepts in spatial planning? (Peer-reviewed)

In this paper the authors want to explain their revelations on recent research by design on regional levels, that is initiated or realised by the Flemish spatial development department. They focus on the most recent findings and research and discuss the possibility to explore new dimensions and future thinking.

Yang, Jianqiang; Tang, Yezheng, Southeast University, Nanjing, China

Heritage value evaluation and its preservation of Beijing-Hangzhou Grand Canal (Wuxi section) (Peer-reviewed)

Beijing-Hangzhou Grand Canal (Wuxi section) is one of the earliest sections that are open to navigation. Nowadays, it still plays an important role in urban social and economic development. This paper evaluates its heritage value, studies its heritage type and constitution, and puts forward some protection and re-utilization measures.

Bos, Caroline, UNStudio, Amsterdam, the Netherlands; Karakiewicz, Justyna, University of Melbourne, Melbourne, Australia

Water as shape shifter: Exploring innovative approaches to water related urban design (Peer-reviewed)

This paper will focus on urban proposals for Melbourne's Elizabeth Street, as well as the cities of Hangzhou and Bogota, highlighting recent urban designs that take into account the performative qualities of water.

Track 2: Social Aspects, Collaborations and Governance

Co-Chairs: Olusola Olufemi, Canada; Gabriel Pascariu, Romania

Session 2.4 Water, Governance, Participation

Tiger, Fern, University of Washington Tacoma/Fern Tiger Associates, Tacoma, United States of America

Track Keynote Speech: Bringing voices together to create a waterfront vision

Albany, California struggled for decades with divided opinions on the future of its San Francisco Bay waterfront. A multi-faceted approach to community education/engagement included an issue-specific magazine mailed to every resident and 50 highly-interactive sessions bringing 1-in-10 Albany adults to the table – resulting in a community-wide vision.



Fern Tiger

CONGRESS PROGRAM IN DETAIL

Maiello, Antonella; Britto Nogueira De Paiva, Ana Lucia; Quintsr, Suya; Giliberti Bersot Gonçalves, Thiago; Aló Rodrigues Araujo Da Silva, Mariana, Federal University Of Rio De Janeiro, Rio De Janeiro, Brazil

Bridging formal and informal systems in water and sanitation governance: A socio-technical perspective (Peer-reviewed)

Water and sanitation governance requires the respect of social entitlements as well as an adequate level of technical solutions. When these two components are not present informal solutions arise, producing new alternative systems. We deal with these issues, investigating an informal system in a municipality of Rio de Janeiro Metropolitan Area.

Brennan, Sarah, the Development Planning Unit, The Bartlett, University College London, London, United Kingdom

Future city visions and socio-environmental justice in Dar es Salaam, Tanzania

The paper explores the implications of smart cities visions on citywide planning in Dar es Salaam.

Rossetti, Irene, Università Iuav di Venezia, Rome, Italy

Participatory experiences for the environment in Reims 2020 (Peer-reviewed)

When a political project and participatory practices observe and define the urban space, there can be a new sort of planning for a French city, Reims and its environment.

Morgado, Sofia; Moreira, Inês; Vargas, José, University of Lisbon, Lisbon, Portugal

Where land and water meet, people join together and (re) create

This paper focuses on the involvement of local communities in the use of waterfronts, inducing positive spatial and social change, in the current context of minimum resources, by taking advantage of the human and social capital.

Chatterji, Tathagata, Manipal University, Manipal, India

Reclaiming the river - Politics of planning in Calcutta's post-industrial restructuring (Peer-reviewed)

Looking through the prism of spatial reconfiguration of the extended Calcutta metropolitan belt, due to economic restructuring, this paper brings out the complexities of brownfield urban regeneration in a globalising city of the Global South, due to the socio-economic realities of poverty and population.

Track 3: Economic, Leisure and Tourism Aspects

Co-Chairs: Alex Antonov, Russia; Lorraine Gonzalez, USA

14:30 – 16:30 Recreation/Tourism

Mkhize, Mthembeni, School of Built Environment and Development Studies, University of KwaZulu-Natal, Durban, South Africa

Track Keynote Speech: The Impact of 2010 FIFA World Cup on Durban

The paper will explore the issues related to the impact of 2010 FIFA World Cup on the City of Durban, South Africa, Particularly post the event. Major events of this magnitude are likely to have a significant impact on the future life of the cities that are continuously positioning themselves as "World Class Cities".



Mthembeni Mkhize

Pais, Paulo, Câmara Municipal de Lisboa, Lisbon, Portugal

Return the riverfront to the enjoyment of the people - The case of Lisbon

Lisbon's new vision is defined as having three major objectives: more people, more jobs and a better city. The historical relationship between the city and the Tagus estuary requires particular attention to the regeneration of the riverfront in the framework of urban planning, to have a better and an attractive city.

Zagow, Maged, Tanta University, Tanta, Egypt

Urban Revitalization through studying the patterns of activities and its geometries in cities (Peer-reviewed)

This paper investigates patterns that emerge in cities socially and economically and proposes a link between these patterns and future development.

Azimov, Sardar, Cerway, Paris, France

Taghazout Bay: Setting a sustainable development strategy with HQE sustainable planning certification

An exemplary development and planning project that promotes a reasonable tourism development model towards socio-economic development strategy which is paying heed to preserving the environmental amenities of the area. A concerted and comprehensive approach to sustainable development which is given credibility and catalyzed by the HQE™ certification for sustainable planning.

Martyniuk-Peczek, Justyna; Martyniuk, Olga, Gdansk University of Technology, Gdansk, Poland

Accelerator of the entrepreneurship - Suburbs in the coastal metropolis of GOM

Dynamic changes of suburbs based on movements of people and enterprises from central city into the outskirts are currently one of the main research questions. It seems that the characteristic element of the Polish suburban landscape and Pomeranian region is a large number of SME sector businesses located there.

Bach-Glowinska, Joanna; Jaroslaw, W.; Grechuta, B.; Przeworska, J.; Koprowska, M.; Pujdak, B.; Zuk, M.; Romasiuk, I.; Rosciszewska, M.; Maciaszek, K.; Maczka, E., Gdansk Development Agency, Gdansk, Poland

Assessing pathways into a low carbon and climate responsible Gdansk (Peer-reviewed)

A basic question today is the sense of the use new ideas in shaping Polish cities- not as technologically advanced as others. The key is to understand good practices in designing and implementing new approaches. The comparative research Glasgow and Gdansk has been undertaken by Gdansk Development Agency in Jan 2014.

CONGRESS PROGRAM IN DETAIL

Track 4: Water Management

Co-Chairs: Zeynep Gunay, Turkey; Marcela Villa Luna, Peru

14:30 – 16:30 Dealing with the Complexity: Models for Water Management

Van Roon, Majorie; Dixon, Jennifer; Rigold, Tamsin, University of Auckland, Auckland, New Zealand

Watershed urbanisation: Planning responses to cumulative estuarine contamination

The paper examines the changing response within local and regional plans to the growing awareness over 40 years of accumulation of copper and zinc in an estuary, the watershed of which has been progressively urbanising. A science and engineering awareness and local government amalgamation preceded the current planning response.

Maneewan, Chayanun; van Roon, Marjorie, University of Auckland, Auckland, New Zealand

Effectiveness of constructed wetland systems for mitigating urban runoff and water contamination: A review of recent advances in a tropical climate (Peer-reviewed)

The ongoing urbanization of Bangkok has resulted in increased impervious surfaces, high degree of contamination, increased water runoff, and decreased water quality. This study examines the potential of constructed wetlands for contaminant removal and runoff reduction in tropical regions that are parallel to the Bangkok areas.

Smolnicki, Piotr Marek, Gdansk University of Technology, Pruszcz Gdanski, Poland

Potential of water usage in urban neighborhood structures

The project treats water influence and possibilities of its usage in the urban neighborhood structures in the context of actual regional environmental problems and according to EU directories and targets. Scrutiny of contemporary cases in modern (re)inventions of water usage such as: aquaponics, micro-hydro-power plants, bio-water-treatment or algae energy produce.

Naimi, Ait-Aoudia, Blida University, Bida; Berezowska, Azzag, Epau, Algiers, Algeria

Household water consumption in Algiers facing population growth (Peer-reviewed)

The paper is an analysis of domestic water consumption related to population growth and the means implemented to meet the needs of households.

Track 5: Environment, Ecosystem and Climate Change

Co-Chairs: Nageeb Elhoweris, Sudan; Brigitte Schmelzer, Germany

14:30 – 16:30 Session 5.4 Climate Change

Stanganelli, Marialuce; Gerundo, Carlo, University of Naples Federico II, Naples, Italy

Regulating ecosystem services to improve natural cooling in metropolitan areas

Planning and assessment methods for climate regulating services: role of green spaces and water basins in urban areas for climate change adaptation.

Adeleye, Bamji; Ayangbile, Oluwabukola, University of Ibadan, Ibadan, Nigeria

Flood vulnerability: Impending Danger in Sabon-Gari Minna, Niger State (Peer-reviewed)

The research identified that ample of the lands in the study area are on low elevation and this makes the area vulnerable to flooding. 5.9% of the buildings in the study area are at high risk of flooding. Buildings in this category give little or no regard for the mandatory building setbacks from the water channel.

Raut, Sandeep Kumar, Town and Country Planning Organisation, Ghaziabad; Raut, Papiya Bandyopadhyay, School of Planning and Architecture, New Delhi, India

Combating urban Heat Island through the spatial integration of land-uses and water bodies (Peer-reviewed)

The paper examines the alarming impact of change in land-uses on micro climatic zones and thereby generating the effect of 'Urban Heat Island'. The paper offers various low-cost, innovative and traditional options to combat the effect of UHI through sustainable spatial integration of land-use and conservation of water bodies.

Track 6: Ports, Transportation and Infrastructures

Co-Chairs: Abdelwehab Alwehab, Iraq; Martina Juvara, United Kingdom

14:30 – 16:30 Session 6.4 Urban Regeneration of Waterfront Areas

Rita, Juliet, CPCS Transcom Limited, Uthiru, Kenya

Economic transformation of the Dar es Salaam Port: Lessons for the Lamu Port in Kenya

This paper looks at the economic transformation of the Dar es Salaam port from a purely transport hub to a mixed-land use port city.

Teughels, Philippe, AG Vespa; Smits, Filip, City of Antwerp, Antwerp, Belgium

The Antwerp waterfront

In the 20th century, a series of northward port expansions rendered former port-related areas in Antwerp obsolete. The city wants to reinforce the relationship between city and water, river and port by investing slowly but steadily in the areas around the docks and along the River Scheldt.

Izydor, Marek, Skanska S.A., Gdansk, Poland

Development of public spaces as a part of urban waterfront regeneration strategies - A critical approach

This paper deals with the phenomenon of urban waterfront regeneration and the role the public spaces systems play in the process of planning and implementing the particular projects. It attempts to understand the evolution of waterfront and post harbor area by taking Gdynia as a case study

Zajac, Agnieszka, Autonomous Municipal Ghent Development Authority, Ghent, Belgium

Braving a new life in the Old Dockyards – Towards an integrated approach

This paper looks at the reconversion of the neglected port area into a vibrant and new city district. Ghent shows how the city can reuse its inner structure and how the water structure can change the future of the city. This paper also looks at the sustainable and water sensitive related urban planning as the basis for a successful city evolution.

Kielbinska, Katarzyna, Gdansk University of Technology, Gdansk, Poland

Water related esthetics - The phenomenon of a new structure in the post-industrial shipyard areas

The direction of the main movements that are made in European cities determines not only structural but also esthetic changes. This paper follows the topic of visual diversity of postindustrial waterfront cities and its relation to the local identity and cultural changes that are provided.

14:30-16:30 ISOCARP Think Tank

On The role of ISOCARP in advocacy for an urban SDG and towards HABITAT III. For ISOCARP members only.

Habitat III is the bi-decennial United Nations Conference on Housing and Sustainable Urban Development to take place in 2016. The conference will focus on the implementation of the "New Urban Agenda", building on the Habitat Agenda of Istanbul in 1996.

The establishment of an ISOCARP Think Tank will be ISOCARP's collective first step in the run up to HABITAT III in 2016. The ISOCARP/HABITAT III Think Tank aims to make space for ISOCARP members to provide feedback and give inputs on various HABITAT III documents and discussion papers, as well as play an overall active role in HABITAT III processes.

16:30-17:00 Posters and Coffee

17:00-19:00 Launch of the 50th Anniversary Celebrations

The 50th Anniversary Celebrations of ISOCARP will be launched at a round table of former presidents who will highlight ISOCARP achievements during their presidencies and reflect on 50 years of ISOCARP. They will also join in imagining the future of the planning profession during the next fifty years with the audience, other long standing members of ISOCARP and espe with the future of planning.



Photo by: Pablo Lewinowicz

Friday, 26 September 2014 Morning

9.00 Closing Plenary

Chair: Piotr Lorens

Keynote Speeches

Janusz Zbik, Undersecretary of State, Ministry of Infrastructure and Development, Poland

The Polish Urban Agenda

Alex Krieger, Principal at Boston-based architecture and urban design studio of NBBJ; Professor at the Harvard Graduate School of Design, USA

Transformations Along Urban Waterfronts

Along the waterfronts of cities world-wide, from Shanghai, China to Boston, USA, the human instinct to both preserve and to reinvent are robustly acted out in the passion play of urban waterfront revitalization.

City leaders seeking to increase the qualities inherent to urban living, eager to rescue land from industrial obsolescence, or provide an alternative to peripheral sprawl, turn to their waterfronts more than ever, and for a broader array of reasons. Along waterfronts it seems possible to accommodate the changing needs of today's urban dweller, as modern societies continue their millennial shift from industrial-based economies, and their spatial demands, to service- and lifestyle-based economies and their requirements. Waterfronts are, of course, unrivaled in their potential for providing for an exceptional or celebratory enterprise. Imagine the Sydney Opera House, or the Guggenheim Museum in Bilbao, or the neo-classical customhouses along Shanghai's Bund not juxtaposed against each city's major body of water? The London Eye, London's majestic Ferris wheel, actually sits in the Thames River. Much of contemporary Chicago's identity and self-image, not to mention wealth, comes from its spectacular 20-mile long facade stretching along Lake Michigan. Humanity, it seems, delights in and finds inspiration at waterfront settings, but increasingly asks more of them than spectacle alone.

The impending reuse of an urban waterfront generally combines grand expectations with considerable self- reflection about the very nature of contemporary urbanism. Should planning for reuse support traditional maritime industries or promote new economies? Should cities seek new markets/status through refurbished waterfronts or maintain long-standing identities? Should public investment favor residents' needs, attract newcomers or cater to tourists; should it be used to shore-up adjoining neighborhoods or encourage gentrification; increase public access or leverage private development at water's edge? Should commercial expansion be favored or multiple civic needs addressed, especially those that private initiative does not readily achieve? Should, for example, cities seek to profit from the scale of modern development attracted to reconnected waterfronts or restrict density while enlarging recreational space for good places to dwell? Wise waterfront planning seeks to unravel such unnecessarily polarized visions, while anticipating that through a repositioning of an urban waterfront a local economy and the city's stature can both prosper.

11:00-11:30 Coffee and Tea

11:30 – 13: 30

General Rapporteur Amos Brandeis and Congress Team

Conclusions and Congress Statement

Announcement of the 51st ISOCARP Congress in the Netherlands in 2015 and Young Planning Professionals 2015

Words of thanks and Closing of Congress

13:30-14:30 Lunch

14:30-17:00 ISOCARP General Meeting (for members only)

19:00 Congress Gala Dinner and Awards

PAPERS NOT PRESENTED

Papers accepted for the Congress and included in the Proceedings but not being presented.

The authors of the following papers were unable to deliver their paper:

Agrawal, Mahak, School of Planning and Architecture, New Delhi, India

Conservation and revitalisation of River Yamuna and its ecological reserves for national capital of India, Delhi

Delhi, India's capital, has witnessed rise and fall of numerous empires, majority of which came up along the river Yamuna. However, post-independence in 1947, the city's population grew, the role of water body changed and despite continuous efforts put by the Government, ecology of the river remains in uncertainty. (Peer-reviewed)

Akhavan, Mina, Politecnico di Milano, Milan, Italy

The port development and changing port-city relation imposed by globalization trends in emerging global cities of Middle East- The case of Dubai

This paper shall study Dubai' port, planned to become the hub-port of the region, as a case study of the relation between port and city. The aim is to examine the impact of new port development on the city's growth, under globalization trends.

Bi, Yu, Tianjin Urban Planning and Design Institute, Tianjin, China

From an industrial corridor to a livable urban area - rebuild Haihe River Waterfront

The paper attends to discuss industrial waterfront redevelopment issues in a burgeoning city. How to transform an old industrial district into an attractive public waterfront area is the greatest challenge for local planners. It takes a closer look on these projects and offers a feasible framework for future practices.

Chen, Xie; He, Xiaofei, Jiangsu Institute of Urban Planning and Design, Nanjing, China

Waterfront tourism: A way of development transition of Port Town

This paper will discuss the way of urban transition for a declining port town, named Liuhe town. This paper believes that tourism is main key method to lead the port redevelopment and furthermore to help the urban economic regeneration. Meanwhile, this paper points out three special issues in China.

Gnanasekaran, Shanmuga Priya, University of Colorado Denver, Denver, Colorado

Analysis of urbanization of water in India: Implications for policy and practice

This paper examines decision practices regarding rural-urban water transfers, and the consequences of these practices particularly for rural supplying regions in India, in order to recommend improved means for transacting such transfers.

Huang, Wei; Cheng Wei, Nanjing, China

Study on Renewal and Redevelopment of a Waterfront Industry Park Based on Quantitative Analysis: A Case Study on the First Phase of Suzhou Industrial Park

Taking the phase one of Suzhou Industrial Park (SIP) for example, the redevelopment methods of waterfront industry park based on the key quantitative analysis is shown.

Jiang, Li; Liu, Xiao; Huang, Zhengwei, Shanghai Tongji Urban Planning & Design Institute, Shanghai, China

Ecological planning approach for city water system - A case in the county center of Luoning in Henan Province, China

Based on previous research findings, this paper proposes an ecological planning approach for the city water system and applies it to the project in Luoning which is a small Midwestern county in China.

Lin, Ying, Huazhong University of Science and Technology, Wuhan, China; Pennsylvania State University, USA

Multi-department cooperativeness with urban planning, land use and water management for the implementation plan of waterfront urban design - Case study of Yangzi waterfront commercial district in Wuhan, China

Based on the Wuhan case, this paper figures out the methodology of multi-department cooperativeness involving program establishment, framework organization and policy making, and gets conclusions of detailed contents, review approach, permits conditions, effective collaboration, etc., so as to promote the land and water resources use being coordinating with urban construction.

Mc Millan, Marissa, Port of Spain, Trinidad and Tobago

Flooding in the suburban of Diego Martin Trinidad and Tobago

On 11th August 2012 Diego Martin was declared a disaster area once again. The community occurred over 0.1 billion (TT) dollars in damages. An efficient institutional and regulatory planning framework is crucial to effective flood management and IWRM. (Peer-reviewed)

Melo, Cíntia, Universidade Federal de Minas Gerais, Itauna, Brazil

The right to adequate housing and the right to a balanced environment: A false conflict - The case of Vila Acaba Mundo (Belo Horizonte - Brasil).

This paper discusses the possibility of regularization in areas of environmental protection. It will present the case study of Vila Acaba Mundo, a Brazilian slum. Its occupation dates back more than 60 years, however there are some springs and two streams that cross the area.

Meng, Dejuan; Wei, Baoyi; Yang, Dongfang; Jiang, Qigui; Huang, Pengfei, Beijing Municipal Institute of City Planning & Design, Beijing, China

Evaluation of impact of urbanization on urban pluvial flooding in Liangshui River Catchment, Beijing

The impact of urbanization on pluvial flooding is evaluated in Beijing. The peak flow of Liangshui River simulated by Multipoint Inflow Model exhibits noticeable increasing, which is attributed to expanding impervious areas and improving rainwater drainage system capacity.

PAPERS NOT PRESENTED

Meng, Zhaoyang; Hu, Zhiliang; Li, Ruofan, Tianjin Urban Planning and Design Institute, Tianjin, China

High quality living environment in high density waterfront

The paper intends to investigate how to achieve a high quality living environment in a high density waterfront site. It will also look to how the proposed density can be delivered in coherent urban block patterns in the intervention site.

Ornek, Muhammed; Özer, Erbu, Florida International University, Miami, United States of America

Utilizing open simulator as a virtual learning environment for landscape grading education

The goal of this study is to facilitate learning of basic landscape grading principles by visualizing the context in a three-dimensional virtual environment and allowing students to learn through experiencing topographical conditions in such an environment.

Torres, Yuri, Universidade Federal do Rio de Janeiro, Brasil

Digital narratives of waterfront sports practitioners in the urbanscape

Our contemporary urban dynamics are driven by connected citizens and subsumed by timely encompassing narratives in open spaces. This study gives visibility some of Rio 's waterfront recreational activities recorded by connected sportsmen and discuss its repercussion in the fields of landscape architecture and urban planning.

Wu, Juan; Shen, Rui; Liu, Chengcheng, Tianjin Urban Planning and Design Institute, Tianjin, China

Study on harbor city's development model and spatial structure in China - Case on Tianjin

Based on Concentration Index and location quotient theories, the writer calculates China's harbor cities' RCI to determine their development model and features. Case on Tianjin, article analyzes port-city spatial structure evolution and stage features. Then, several proposals are put forward to promote port-city interactive and Bohai Coastal Region's integration development. (Peer-reviewed)

Zhang, Mengjie; Zhou, Junqing; Shi, Senwen; Xu, Liquan, Huazhong University of Science & Technology, Wuhan, China

Study on planning an ecological stormwater regulation system based on LID (Low Impact Development) Mode - A case study of Chaihu Town, Zhongxiang City in Hubei Province

This paper takes Chaihu Town, Zhongxiang city of Hubei Province as an example, analyzing the ecological and hydrological conditions of Chaihu Town, applying LID mode, putting forward the ecological storm water regulation system planning strategy which adapts to the development of small towns.

Zhang, Xinyue, China Academy of Urban Planning and Design, Beijing, China

Property-led Urban Waterfront Redevelopment in China - A Case Study of Wuchang Riverside Business District Redevelopment Project

Does property-led urban waterfront redevelopment act as an economic catalyst for local development or just as cosmetic and distraction? By analyzing the operational mechanism of public-private partnership rested in Wuchang Riverside Business District Redevelopment Project, this paper reveals the facts behind-the-scenes.

Zhong, Rui, Tongji University, Shanghai, China

The ecological sensitivity analysis in ecological urban planning: A case study of Shanghang County, Fujian province

Based on the eco-city planning of Shanghang County, this paper does research on the ecological sensitivity analysis. Using single factor analysis and superposition algorithm, it gets a comprehensive sensitivity regionalization map. Then it classifies the area into five different sensitive grades to provide planning basis for urban sustainable development.

Zhou, Xuan, China Academy Urban Planning and Design, Beijing, Chin

Shaping and controlling the city skyline on the eastern side of West-Lake in Hangzhou a, China

This paper promotes the ideas and methods of guiding the landscape control of West Lake in Hangzhou, which shapes the city changes and at the same time seeks to protect the long profound historical cultural inheritance of Hangzhou effectively.



Photo by: Marek Pegowski

Congress poster authors will have the opportunity to present their posters in the afternoon breaks during 23-25 September in the exhibition hall. Please take your time to view the posters and ask the authors any questions you may have.

Adeleye, Bamji, Nigeria, Flood Vulnerability: Impending Danger in Sabon-Gari, Minna, Niger State

Azimov, Sardar, France, Taghazout Bay: Integrated Tourist Resort

Caroline Bos, Justyna Karakiewicz, Netherlands/Australia, Water as Shape Shifter

Britto, Ana Lucia, Brasil, The River for the People: the Case of Das Pedras River's Revitalization on the West Zone of Rio de Janeiro

Chen, Song, China, From Life to Manufacture, From Manufacture to Leisure: Evolution and Development of the River System of Chinese Ancient City Luoyang under Different Social Backgrounds

Davletyanova, Karina; Idiatulin, Igor; Kubasov, Alexander, Russia, Revitalization Concept for the Pregolya Riverside

Dimitriu, Sabina, Romania, How can practices of temporary uses be mainstreamed and framed in replicable, and effective urban regeneration policies/programmes/strategic plans schemes?

Dong, Zheng, China, The Spatial Form of the Waterfront of Tongli Historic Town

Huang Nien-Ping, Netherlands, Integrating Land Use Conflicts - Resolving conservation and development conflicts through an adaptive approach in Northeast Coast National Scenic Area in Taiwan

Junussova, Madina, Kazakhstan, Caspian Sea Port

Mecanov, Dragana, Serbia, Concepts of urban development for "Sava Amphitheater" in Belgrade through the XX and the Start of the XXI Century

Li, Zhifeng, China, Slow Lifestyle Oriented Design in Renewal of Waterside Historical Town: Panlong Town, Qingpu, Shanghai

Ni, Midong, China, The Conservation and Utilization Plan of Xiangshan Harbor

Okalebo, Emasit, Kenya, Development of integrated solid Waste Management (ISWM) Recycling depots for Eldoret, Kenya

Onyemenam, Prince, Nigeria, Urban Transformation Implications and Prospects of Commercializing Water Supply and Water Management in Asaba, Delta State, Nigeria

Pakravan, Diyar; Alizadeh, Hooshmand, Iran, Design and Development of Healthy Urban Riverfront in the Kurdish city of Mahabad, Iran

Schuett, Rolf, Poland, Revitalisation of the historical Core of Potosi, Bolivia

Tillner, Silja, Austria, Reprogramming the Wien River Valley: Transforming a threat into a resource for economic development in Vienna, Austria

Xiong, Guoping, China, Exploration of Hongze Lake fishing culturally ecological Reserve Plan

Yao, Guipeng, China, Construction of Greenway Network based on ecological Restoration of the old Course of Yellow River in economically underdeveloped Region of China

Zhuang, Ziyang, China, Analysis of the Characteristics of San Du Ao's Raft Settlements in Fujian

Posters SUSREG Young Planning Professionals workshop

ISOCARP is part of the SUSREG project consortium (www.susreg.eu). One of the roles of ISOCARP within the scope of work of this project is to prepare and conduct a Young Planning Professionals' workshop. The Society of Polish Town Planners was selected as partner. The topic of the workshop was the rethinking of planning and the development policy of the historical district of the City of Wroclaw, originating from the interwar period and now undergoing a process of significant changes and improvements. This is associated with many risks and issues, and one of them is the problem of energy efficiency. Posters from selected YPP projects will be presented in the exhibition area.

Posters Young Planning Professionals Gdynia

On top of the posters above 30 posters of Young Planning Professionals will be shown in the exhibition area. The **Routledge** Publishing House each year gives a grant to ISOCARP which ISOCARP allocates to the Routledge Poster Exhibition of the Young Planning Professionals. This competition has stimulated great interest among young planners and has produced many imaginative works. A jury will vote on the best YPP poster. There will be also a vote by the congress audience. Please have a look at the posters and cast your vote.



Photo by: courtesy of Pomeranian Regional Tourist Organisation

Pre-Congress Tour: Gdansk, Gdansk-Oliwa and Sopot
21 September 2014

Gdansk Old Town – The city's 1,000 years of history have left a collection of buildings and monuments designed in Gothic, Renaissance and baroque styles. The pride of Gdansk, Gothic St. Mary's Church is the world's largest brick church, accommodating some 25,000 worshippers. It took 159 years to build this medieval church located in the centre of Old Town.

Located on the grounds of an old Cistercian monastery, the **Oliwa Cathedral** dates back to the 13th century and is a mix of Romanesque, Gothic and rococo styles. You will be treated to a brief musical performance.

Sopot – The summer capital of Poland, a sea resort developed from fishermen's village. Sopot's history is much less turbulent than that of Gdansk. It is both a holiday centre and a spa from the turn of the 19th century.

Gdansk Evening Tour and Dinner

In the evening of 24 September you can book a guided tour through Gdansk and then have dinner at Brovarnia Gdansk Restaurant.

Post-Congress Tours:

The Gdansk Local Organising Committee gives congress participants the choice of four post-congress tours.

Tour 1: Malbork Castle and Gdansk
27 September 2014 / 28 September 2014

Discover the beauty and soul of the hidden Poland on this comprehensive tour, venturing into the countryside to see the Teutonic Knights' Castle of Malbork and exploring the charming Hanseatic City of Gdansk.

Poland's rich heritage comes to life in its impressive medieval castles, and the well-fortified Gothic complex of Malbork is one of its largest, oldest and most popular. You will visit the Old Town of Gdansk with St Mary's Church as one of the highlights with its more than 30 beautifully decorated chapels.

Tour 2: Kashubian Region
27 September 2014

Besides outstanding natural beauty, Kashubia prides itself on other priceless assets, namely its historical heritage and unique culture. Amongst the most valuable traces of the region's past is the local 14th century Collegiate Church, a remnant of a Carthusian monastery. Today the church is ranked among the most precious sacred buildings in this part of Europe. The interior displays a well-preserved fragment of Gothic altar named "The Coronation of the Holy Virgin Mary" from 1444.



Tour 3: Torun and Chelmno
28 September 2014

Torun is one of the oldest cities in Poland and a birthplace of the astronomer Nicolaus Copernicus. In the Middle Ages, Torun was a prominent trade centre as a member of the Hanseatic League. It is the most Gothic urban complex in Poland, one of the most important and crowded tourist centres of unique value. Right after Kraków, Torun is the second richest of original and best preserved historical monuments city in Poland.

The Old Town of **Chelmno** is one of the Polish National Historic Monuments, as designated April 20, 2005, and tracked by the National Heritage Board of Poland. The City has a well-preserved medieval centre, with five Gothic churches and a beautiful Renaissance city hall in the middle of the market square.

Tour 4: Malbork - Warsaw
27-28 September 2014

You will visit the Teutonic Knights Castle Malbork which is the largest brick building in Europe and one of Poland's greatest tourist attractions. After lunch drive to Warsaw. Stop at Castle Square for a short walk through Old Town.

On 28 September you will see the highlights of Warsaw. A half-day sightseeing tour includes the Old Town - Castle Square, King Sigismund's Column, St. John's Cathedral, the Old Town Market Square; Royal Route – aristocratic residences and famous statues, University of Warsaw, historic churches and Lazienki Park; Historical Sights – the Ghetto Memorial, the Monument of the Warsaw Rising, the Tomb of the Unknown Soldier, the Grand Theatre, Chopin's Monuments and the Belvedere Palace.

Accompanying Partners' Tours

Accompanying Partners can participate in different tours on three congress days:

23 September 2014: Gdansk and Sopot

24 September 2014: Malbork Castle

25 September 2014: Hel Peninsula

More information and price of all tours on the Congress website.



Photo by: courtesy of Pomeranian Regional Tourist Organisation

UPAT Urban Planning Advisory Team

International Society of City and Regional Planners

"Knowledge for Better Cities"

Typical Process

Week	Activity & Responsibility
1	Identify Project & Local Coordinator Local Representatives
2	Submit Letter of Interest ISOCARP Local Coordinator
3	Review & Approve Programme Proposal ISOCARP UPAT VP
4	Assign Team Leader UPAT VP & Local Coordinator
5	Publish "Call for Candidates" UPAT VP
6	
7	Review & Select Senior Planners ISOCARP Programme Committee
8	Determine Agenda Local Coordinator & Team Leader
9	Select Young Planners Local Coordinator
10	Distribute & Study Project Materials Programme Manager & Team Leader
11	
12	
13	
14	Conduct Program Urban Planning Advisory Team
15	Day 1. Site Visit Clarify Issues & Gather Data Day 2. Technical Presentations/Interviews Gather & Assess Data Day 3. Analysis & Scenario Generation Development & Evaluate Alternatives Day 4. Synthesis & Scenario Development Select Alternative Plan(s) Day 5. Scenario Refinement Review & Refine Alternative Plan(s) Day 6. Final Proposal Prepare Optimal Plan(s) Day 7. Presentation Present Recommended Plan(s)
16	
17	
18	
19	
20	Compile & Edit Draft UPAT Report Team Leader & Local Coordinator
21	
22	
23	
24	Approve & Publish UPAT Workbook ISOCARP Programme Committee

ISOCARP

International Society of City and Regional Planners

ISOCARP is a global, non-governmental organisation; a network of professional planners recognised by the United Nations, UNESCO and the Council of Europe. Members are planners and other stakeholders involved in the development and maintenance of the built environment.

The objectives of ISOCARP are to improve cities and territories through planning practice, training, education and research. ISOCARP promotes the planning profession in all its aspects. ISOCARP keeps its focus on being a politically and commercially independent network of professional planners.

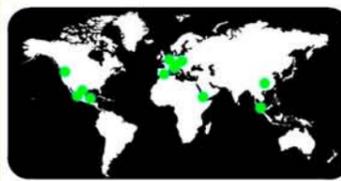
UPAT

Urban Planning Advisory Team

The objective of an ISOCARP Urban Planning Advisory Team (UPAT) is to offer the extensive planning knowledge and experience of ISOCARP members to provide expert and independent advice to local and regional authorities and communities in a particular urban or regional topic.

Projects

15 International UPATs Since 2004



Topics

Environmental Design & Community Revitalization



City and Regional Planning
Landscape and Urban Design
Mobility, Transport & Tourism
Heritage Conservation
Sustainable Development
Research & Education
Assessment & Capacity Building
Housing & Urban Renewal
Disaster Preparedness & Recovery

Connecting Cities

Exchange of Knowledge & Experience



The UPAT programme promotes and stimulates the active cooperation between regions and cities. The exchange of knowledge and experiences between regions and cities can help in finding solutions for profound problems and can assist in formulating strategic planning policies and visions for the future.

Team Members

ISOCARP VP for UPATs, Local Coordinator, Team Leader, Programme Mgr, Sr Planners, Young Planners



UPAT VP: ISOCARP's Vice President is in charge of the program and represents the Executive Committee (EXCO) to the local / regional authorities and all interested parties. The VP helps define the scope of the programme and coordinates with the EXCO, Local Coordinator, Programme Manager and Team Leader.

UPAT Programme Manager: The PM provides logistics support throughout the process. **UPAT Rapporteur:** The Rapporteur writes and edits the UPAT Report with the contributions of the UPAT Team members and in close cooperation with the Local Coordinator, the Team Leader and the VP UPATs.

UPAT Local Coordinator: The ISOCARP member that is proposing the UPAT will usually be in charge of the general coordination of the process, before and during the exercise. A **Local Organising Committee (LOC)** includes local counterparts.

Team Leader: Considering the area of expertise of the UPAT subject, the UPAT VP and the Local Coordinator will assign an expert in the field as a Team Leader. The Team Leader is responsible for team coordination and final report presentation.

Senior Planner: Experts on relevant subjects will be selected to collaborate with the Team Leader, Local Coordinator, fellow Senior Planners and Young Planners to complete a report during the project visit. UPATs usually include five or more Senior Planners.

YPP: Young Planning Professionals are selected by ISOCARP and local universities by the Local Organizing Committee. Education in a planning-related discipline and IT skills are desirable. UPATs usually include some YPPs.

For more information on ISOCARP and UPATs, please visit the website at www.isocarp.org

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ISOCARP PROGRAMS



About ISOCARP

The International Society of City and Regional Planners (ISOCARP) is a global association of experienced professional planners. It was founded in 1965 in a bid to bring together recognised and highly-qualified planners in an international network.

ISOCARP Awards Program

The ISOCARP Awards for Excellence are conferred in recognition of exceptionally innovative urban and regional initiatives. With the help of the Awards ISOCARP intends to stimulate and promote innovative spatial projects (urban and/or regional), successfully elaborated and/or implemented by local, regional, national authorities or other institutions – thus improving the natural and built environment, quality of life and cultural development. ISOCARP has awarded projects from different continents from the local to the regional scale.

ISOCARP's Urban Advisory Teams

ISOCARP organizes two to four Urban Planning Advisory Teams (UPATs) each year. The objective of a UPAT is to offer the extensive planning experience and expertise of ISOCARP members for international planning projects, programs and policies. ISOCARP selects an international expert team visiting a city or a region for a week. Together with the participants in the city this team develops simple, practical and original solutions that can improve the quality of life of people and communities in cities. Do you want to know more? Visit our website at www.isocarp.org or contact Martin Dubbeling, VP UPATs, at dubbeling@isocarp.org.

YPP – Young Planning Professionals

Ask any young planner who has participated in a YPP project, and they will tell you about discovering an exciting new place, experiencing a different planning context, joining a team drawn from around the world, learning from senior practitioners, and working on real-world problems.

ISOCARP's long-standing YPP program is recognized as offering outstanding opportunities for young planners. It includes a number of activities such as the annual YPP workshop (associated with the congress), YPP national or regional workshops (co-organized by partner organizations, such as local or regional governments or national planning organizations) and YPP awards.

WANTED: Enthusiastic young planning professionals of <35 years interested in contemporary planning issues and looking for hands-on experience on actual planning issues, working with an international team of young and senior planners. Join ISOCARP, and watch out for the next call for expressions of interest.

WANTED: Partner organizations who wish to host a YPP workshop, and benefit from the contributions of a skilled, enthusiastic and creative team of young planning professionals, working on issues ranging from urban design of key urban spaces to strategic decisions regarding the future of cities and regions.

Contact: Piotr Lorens, Vice President YPP at plorens@pg.gda.pl

ISOCARP @ WUF

ISOCARP has developed a strong partnership with UN-Habitat over the years. We are an active member of the World Urban Campaign and the Habitat Professionals Forum. ISOCARP Vice President Shipra Narang Suri is Co-Chair of WUC and former President Ismael Fernandez Mejia is President of the Habitat Professionals Forum. For more information see www.isocarp.com



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TUWEI	Gilbert	County Governement of Kericho, Kenya						
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PRACTICAL INFORMATION

Transportation

From Gdansk Lech Walesa Airport to Gdynia:

The nearest airport is Gdansk Lech Walesa Airport (<http://www.airport.gdansk.pl/>).

The easiest way to get to Gdynia is by taxi (NEPTUN TAXI has prepared preferential rates for ISOCARP Congress Participants. Password: ISOCARP). Bus 4A shuttles to Gdynia almost every two hours (http://www2.zkmgdynia.pl/index_rozklady.php?linia=4A)

Public transport:

 buses, trolleybuses, Rapid Urban Railway - SKM

Trolleybuses and regular buses (ZKM) are the most popular means of transport in Gdynia. Tickets can be purchased at newsagents as well as from the driver in each bus and trolleybus. Ticket prices and timetables can be found here <http://www.zkmgdynia.pl/?lang=uk>. SKM trains run more or less every 10-15 minutes between 5 am and 7 pm through the Tri-City (Gdynia, Sopot and Gdansk) and less frequently outside these hours (<http://www.skm.pkp.pl/en/>).

The main railway station in Gdynia is Gdynia Główna. National and international railway connections: <http://beta.rozklad-pkp.pl/en>

Language

The Polish language is a part of the western branch of Slavic languages and is spoken by about 50 million people.

Time in Poland

GMT+1 in the winter, and GMT+2 in the summer

Climate

The temperature and precipitation in the North of Poland are often affected by the maritime climate and wind blowing in from the Baltic Sea. Average temperature in September in Tri-City is about 14°C (57°F).

Currency

The Polish currency is the zloty (PLN) divided into 100 groszy.

Coins in circulation: 1, 2, 5 zloty and 1, 2, 5, 10, 20, 50 groszy. Banknotes: 10, 20, 50, 100, 200 zloty.

Foreign currency can be exchanged at exchange offices. Credit cards are widely accepted.

PLN 100 = approx. EUR 24.

Shopping

In Poland most of shopping centres and malls are open from early morning to late evening seven days a week:

Mon-Sat: 9am – 9pm

Sun: 10am – 8pm.

In Gdynia there are several big shopping centers.

Wi-Fi

Most hotels, cafes, restaurants, shopping malls, Gdynia Główna Railway Station as well as parks and walking paths in the city centre provide free Wireless Internet access.

SIM Cards

These can be purchased at any newsagents, supermarkets and phone stores.

Major mobile service providers in Poland are: Orange, Play, Plus T-mobile.

Insurance

It is suggested that all participants contact insurance company in order to ensure coverage.

Neither ISOCARP nor the organisers will be responsible for injuries, loss of luggage and/or personal belongings.

Electricity

The power voltage in Poland is 230 V.

Important Telephone Numbers

999 Ambulance

998 Fire Brigade

997 Police

112 Mobile Phones Holders Assistance

Useful websites

More practical information and interesting facts about Poland and Gdynia in particular can be found at:

<http://poland-convention.pl/en/>

<http://gdynia.pl>

<http://gdyniaturystyczna.pl/en/>

Useful common expressions:

hello - cześć - ['tʃɛʦtɕ]

good morning - dzień dobry - ['dʒɛɲ ,dobri]

good-bye - do widzenia - [dɔ'vidʒɛɲa]

good night - dobranoc - [dɔ'branɔʦ]

please - proszę - ['prɔʃɛ]

thank you - dziękuję - [dʒɛ'kujɛ]

how much? - ile? - ['ilɛ]

yes - tak - [tak]

no - nie - [nɛ]

I don't understand - nie rozumiem - [nɛrɔ'zumim]