



**50<sup>th</sup> ISOCARP**  
**International Planning Congress**  
Urban Transformations - Cities and Water

**GDYNIA**  
**POLAND**  
23-26/09/2014

## Congress Tracks and Speakers

For each track a track keynote speaker was chosen among the submitted papers.

On top of these selected speakers tracks 1, 3 and track 6 have an additional invited track keynote speaker:

Track 1:

**William Lau**, Immediate Past President of Singapore Institute of Planners, Singapore

Track 3:

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

Track 6:

**Olivier Lemaire**, General Manager International Association Cities and Ports, France.

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### William Lau



William HL Lau is an Urban Planner, Architect and Educator based in Singapore, and the founder of A.Alliance Design International (AADI) Architects & Planners. Currently, he is the Immediate Past President of Singapore Institute of Planner (SIP).

**Title of Speech: *Planning of Marina Bay Waterfront, Singapore Experience***

Short Bio of William and synopsis of track 1 keynote speech:

William HL Lau is an Urban Planner, Architect and Educator based in Singapore, and the founder of A.Alliance Design International (AADI) Architects & Planners. Currently, he is the Immediate Past President of Singapore Institute of Planners (SIP).

**AADI:** As principal of AADI, William sets directions in the Master Planning and Architectural Consultancy projects in Singapore & overseas in Malaysia, Thailand, China, Vietnam, Cambodia, China, India, Myanmar, Tunisia, USA etc.

**SIP:** William leads in SIP: a professional institute whose members play an integral role in transforming Singapore into a modern and gracious city that is internationally recognized as a fine example of a city state with good urban planning.

**Educator:** William teaches regularly at Civil Service College (CSC) & passionately shares topics on urban & rural planning, planning guidelines & regulations, city development, historic conservation and new township growths to overseas city mayors and government officials, city mayors from South East Asia, Asia Pacific, Middle East, Eastern Europe, Africa and South America.

## **Track Keynote Speech: Planning of Marina Bay Waterfront, Singapore Experienc**

### ***Vision of Marina Bay: Now a Reality a Case Study***

Marina Bay Master Plan with “white” site zoning inspires to give developers more flexibility in planning approach to build commercial, residential, hotel and entertainment developments. A premium live-work-play environment BY THE BAY, it encapsulates the essence of global city of Singapore. Spanning 360 hectares of prime land, it is the most ambitious urban project designed to support its continual growth as a major business and financial hub in Asia.

History Marina Bay started as a major land reclamation project in 1970s, with three (3) key objectives: 1. Large Land Mass for Marina South: New CBD District, 2. Water Reservoir at Singapore River’s mouth, transformed into freshwater supply & flood control with Marina Barrage, and 3. Waterfront urban Lifestyle which are attractive and choice real estates.

### ***Waterfront Promenade - Creating Signature Districts***

A 3.5 km waterfront promenade links the attractions at Marina Centre, Collyer Quay and Bayfront areas to ensure vibrancy round the clock. Three (3) Iconic Focal Points are strategically positioned at the perimeters of waterfront as highlights: 1. Singapore Arts Centre SAC, fondly called “The Durian” by locals, 2. Arts & Science Museum, and 3. Central Promontory Site @ Marina Bay, yet to be built and currently it is an interim event & public space used for activities.

### ***Asia’s New Found Pragmatism: A Paradigm Shift***

The planning and sale of Marina Bay new land parcels exemplifies the principles of flexibility, Innovation & Value Creation. The government carefully monitors against over-supply of commercial spaces, while maintaining the integrity of existing CBD and time phasing the launching of land sales. Marina Bay also contributes towards our City’s Water Management, together with the extensive use of underground Common Service Tunnels and efficient Transportation Network in the new CBD.

### ***Redefining Geography As Destiny***

With the resurgence of Asian economies led by India and China, Singapore economic prospects hinge on attracting next wave of Multinational Corporations (MNDs) from these two countries, as well as the SE Asian nations, middle East, Europe, USA and beyond.

### ***Challenges and Transformations***

As Singapore forges ahead, we are constantly aware of new challenges of the next decade, with keen regional competitions and global economic cycles. The talk gives a critical analysis on the rise in living standard, coupled with high costs which may affect its attractiveness. Awareness and necessity to constantly re-inventing and innovating our nation endeavors to transformation of Singapore City into a new height, in the next lap.

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## **Olivier Lemaire**



General Manager of the AIVP - International Association Cities and Ports

**Title of Speech: *The Smart Port City, a win win strategy for city-port developments***

### ***Short bio of Olivier and synopsis of track 6 keynote speech:***

Olivier Lemaire completed his graduate studies at the University of Rouen where he obtained a law degree, a master's degree in tropical geography and specialized higher education diploma (DESS) in planning.

From 1985 to 1987, he was a researcher at ORSTOM in Quito (Ecuador) and worked as a geographer specializing in urban issues. He then completed various missions as a geographer - planner at Datar (Delegation for Spatial Planning - France) before taking over the leadership of the International Association Cities and Ports in 1989 when it was founded. As director of IACP, Olivier Lemaire has participated in many missions in port cities around the world. He assured the development of the international network of the association and manages its annual program of activities. Until now 13 international conferences have been organized by IACP as well as numerous specialized seminars and study tours on all topics relating to port city issues.

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

The last three decades have seen the appearance of spectacular changes in port cities as they face the increasing globalisation of trade and the economy: relocation of port functions and the generalisation of container transport, redevelopment of Port-City interfaces and waterfronts, renewed dialogue with the city's inhabitants...

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. Thus port-city territories have been progressively invested by new economic players in the domains of renewable energy production, tourism, environmental management, etc.

They have therefore quickly become highly complex spaces, where conflicts of use between city and port, tourism and industry, natural and built-up areas need to be settled. Today, the world ecological and climatic context brings yet another dimension to this structural and functional complexity already facing port-cities. It burdens them with new concerns. The strategies drawn up within the fragile Port-City "ecosystem" must be ever more demanding in terms of sustainable development. The efforts of the interested parties – private and public players and the city's inhabitants – must be conducted in harmony in the collective interest of all. Through its search for greater organisational efficiency and by sharing the flows of value, energy, data and people, the ambitions of a Smart Port thus fall into line with those of a Smart City, giving birth to the Smart Port City!

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## **Mthembeni Mkhize**



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

**Title of Speech: The Impact of 2010 FIFA World Cup on Durban**

**Short bio of Mthembeni and synopsis of track 3 keynote speech:**

Mthembeni Mkhize is a Cluster Leader, Discipline of Architecture at the School of Built Environment and Development Studies, College of Humanities, University of KwaZulu Natal. Before he came in this position he was Director in-charge of Pretoria practice - Brink Stokes Mkhize Architects, Landscape Architects and Urban Planners.

Mr Mthembeni Mkhize, is one of the leading Business Executives in the Design, Manufacturing and Services industry in South Africa. He has beaten all the odds of his social background to contribute towards helping low-income communities to progress from being unemployed and unskilled labourers to becoming a skilled, scientific and technically skilled labour force.

He emerged from a poor education system to be an architect, urban planner, housing specialist, scientific researcher, intelligent transport systems (ITS) specialist, industrialist, trainer in the technical profession and has been the key person in establishing numerous businesses to alleviate unemployment within previously disadvantaged communities.

**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"

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## **Track 1. Urban Design, Landscape and Livable Cities**

Water related urban planning, design and vision; waterfronts and city centers close to or along rivers, oceans, seas and lakes; residential, commercial and industrial areas linked to water bodies; marinas; urban nodes and institutions along the water; sustainable and water sensitive related urban planning; cities on cliffs; underwater

buildings; historic cities and towns, and heritage patterns or buildings along water and their development, renewal, or preservation; environmental design and sustainable development; waterways and parks along them; open spaces and connectivity along waterways; culture and water; urban life, festivals, performances, and activities along waterfronts; inspiration of water; water related arts and cultural events; etc.



**TRACK KEYNOTE SPEAKER:**

Judith Ryser, United Kingdom

***Judith Ryser: Water in Cities: for Whose Benefit?***

Educated as an architect and urbanist with an MSc in social sciences, Judith Ryser is dedicating her cosmopolitan professional life to the built environment and its sustainability. She engaged in academic research, teaching, public sector posts, private practice, community groups, writing, editing and journalism. Her research in London, Paris, Berlin, Stockholm, Geneva (United Nations) and Madrid focused on cities and development strategies with emphasis on Europe. She edits books, reports for international organisations and writes articles on urban issues for magazines and her blog [www.urbanthinker.com](http://www.urbanthinker.com). She speaks at international professional conferences, carries out consultancies and is a member of the International Advisory Council of Fundacion Metropoli.

Made a life member of Isocarp (International Society of City and Regional Planners), she was Vice-President, led an Urban Advisory Planning Team, served on the editorial board and award juries, wrote and edited many books and articles. She is joint editor of the International Manual of Planning Practice, 50th anniversary of Isocarp and General Rapporteur for the 2015 Isocarp congress. She is a member of the Chartered Institute of Journalists serving on the International Committee, and a member of the Urban Design Group and its editorial board.

Judith Ryser, CityScope Europe, London

[www.urbanthinker.com](http://www.urbanthinker.com)

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## **Track 2. Social Aspects, Collaborations and Governance**

Water as a connection or divider between cities or regions; water related collaborations; national or local cross-border cooperation; formal and informal networks across territorial limits (water, rivers), at local level in waterfront development, or at regional level along riverside areas; people and water; demographic aspects; migration and its impacts; public participation; stakeholders engagement; grass roots initiatives; governance and decision making processes and water related planning processes; legal aspects as building along coasts and rivers, water use and water rights, planning laws in relation to water issues; etc.



**TRACK KEYNOTE SPEAKER:**

Fern Tiger, USA

***Bringing Voices Together to Create a Waterfront Vision***

An artist by training (with post graduate work in man-environment relations and cognitive psychology), Fern Tiger's early interest in the importance of integrating diverse disciplines in order to address contemporary issues, led to a career as a strategist – combining the innovative, perceptive, and holistic insights of an artist/designer with the practical and systemic tools of planners and researchers. Fern is president and creative director of the Oakland, CA-based Fern Tiger Associates, FTA, ([www.ferntiger.com](http://www.ferntiger.com)) and is a Professor at University of Washington Tacoma (Urban Studies Program).

She has worked on projects that have influenced the direction of scores of communities, organizations, and public agencies – helping each to be strategic and effective; to grow and mature, while thinking strategically about their future and the issues they should address to bring about long-term change. Fern has led FTA to become known for its multidisciplinary and innovative approach to projects and for its unique approach to building authentic community involvement in often-complex and controversial land use issues.

Early in her career, Fern was on the faculties of Penn State University and Washington University, St. Louis, where she taught interdisciplinary courses focused on the means by which art and media influence public opinion, civic engagement, and social consciousness. Both in her capacity as a professor and as the spearheading force of Fern Tiger Associates, Fern has been focused on five core areas of work, all of which she believes must be seamlessly integrated: community-based action research; strategic planning and

communication; advocacy documentation; civic engagement; and public policy and evaluation.

While it may appear that Fern has moved far from her roots in the world of art, she sees her work as the logical extension of that training, which resulted in problem-solving skills, creative and holistic thinking, and innovative approaches to policy and civic engagement. She believes strongly that investigation, engagement, and participation are essential to address today's ever more complex problems.

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### **Track 3. Economic, Leisure and Tourism Aspects**

The economic impacts of waterfronts, urban renewal projects near water bodies, and development plans along coasts, beaches and rivers; cost benefit analysis of water related planning / water sensitive planning / river restoration projects; water and water related development as an economic catalyst in urban development; real estate issues along waterfronts, in relation to water views and along greenways; the impact of parks in the city; urban growth and water issues; ports as an economic catalysts and factor in urban growth or depression of shrinking port activities; tourism along urban coast lines, beaches and rivers; tourism on the water; marinas; water sport; beach sport; bicycles paths; urban parks; etc.



**TRACK KEYNOTE SPEAKER:** Mitchell Reardon, Sweden

#### ***Green & Blue: Documenting the Contribution of Waterfront Eco-Districts to Stockholm's Green Profile***

Working with urban issues from a diversity of perspectives, Mitchell Reardon is a city-maker informed by an urban planning and research background. He works as a Research Fellow at Nordregio, a planning institute in Stockholm and is a partner at Metropolitan Collective, a city-making office based in Stockholm, Ottawa and Shanghai. Exploring the potentials for holistic urbanism, Mitchell's interdisciplinary work centres on people and how they live, work and move through the city. This approach centrally involves an emphasis on public engagement, urban social issues, environmental sustainability physical planning and design, urban economics, walking and biking. Mitchell is a 29 year old Canadian/Austrian who has lived in Stockholm, Sweden for the past 6 years. Follow him on Twitter @MitchellReardon

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## Track 4. Water Management

Water management; floods, flood plains, and flood protection measures and their impacts on urban planning; urban friendly and water sensitive water planning and engineering; hydrology and geo-hydrology in the city; river and lake restoration; cross-border rivers and lakes; water quality and pollution; drinking water issues; water related illness and health problems; underground water quality; water quantity, changes in water level and their impacts on urban areas; water harvesting; desalination; water recycling and reuse; greywater; links to nearby agricultural areas; etc.



**TRACK KEYNOTE SPEAKER:** Amy Santoso, Singapore

### ***Hard versus Soft: A Comparative Study of Multi-Functional Urban Water Defense in New York City and Singapore***

Amy Santoso is an urban designer at Broadway Malyan Singapore. She received her MSc. in Urbanism from Delft University of Technology in Netherlands, and has since participated in urban design projects in South East Asia. She is a team member of Bandar Malaysia, a competition-winning urban design development in Kuala Lumpur, Malaysia that accommodates High Speed Rail (HSR), creative hubs and sustainable features. Apart from that, waterfront urban development remains one of her fortes. Her graduation project is Road to Scheveningen Haven, a combination of urban design, strategic urban planning and water protection in the coastal urban area of Scheveningen Haven, The Hague, Netherlands. Her complete profile can be found at LinkedIn, and she can be contacted at [a.santoso@broadwaymalyan.com](mailto:a.santoso@broadwaymalyan.com).

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## Track 5. Environment, Ecosystem and Climate Change

Environmental issues in urban and water related context; ecosystem services in urban areas; coasts and beaches; carrying capacity; protected areas and nature reserves in urban patterns; urban nature; conflicts between nature and urban development; ecological corridors; ecosystem preservation and restoration of rivers, lakes and seas with urban impacts; ecosystem health, diversity and quality of life; climate change impacts on urban areas; floods and droughts; climate change adaptation; rising of sea level, impacts and solutions; falling down cliffs; role of green spaces in urban areas for climate change; cities in water scarce regions; coping with natural disasters (floods, typhoons, tsunamis); etc.



**TRACK KEYNOTE SPEAKER:** Zaklina Gligorijevic, Serbia

### ***Natural Core of Belgrade – Urbanization for Sustainability***

Adviser in Belgrade Urban Planning Institute PE

Zaklina is interested in improving planning system in fast changing environment.

She is educated architect, holds Master of Science degree in Urbanism from Belgrade University and is MIT SPURS alumna from Cambridge, MA.

She has signed various architectural and urban design competitions, projects, and plans. As a Director of Belgrade Urban Planning Institute, 2008 – 2012, she managed studies, strategies and the system of plans for the Region of Belgrade. She represented Belgrade in the “Financing Metropolitan Governments in Transitional Countries”; organized “Barcelona In Progress” exhibition, hosted several workshops and exhibitions of the City of Vienna, and many globally respected architecture and urban design names and offices in Belgrade.

She has worked on projects with WBI, UNDP, USAID, BEP project, and GIZ. Vice president of the Belgrade Association of Architects, Chief of delegation of Union of Architects of Serbia in ACE, Member of EC of Urbanists section in Serbian Chamber of Engineers.

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## Track 6. Ports, Transportation and Infrastructures

Ports programs and planning; changes and future trends; relations with cities; impacts on cities and regions; reuse of industrial waterfronts; hinterland activities and links to the city; mixed uses; openness; transportation to the water and on the water; bridging over waterways and their urban impacts; highways and roads along rivers and coasts; infrastructures near the water; overcoming infrastructure barriers; ports and infrastructures; flood defense and water harvesting infrastructures; dams; etc.



### TRACK KEYNOTE SPEAKER:

Karolina Krosnicka, Poland

#### ***Karolina Krosnicka: Where does the container terminal really ends?***

Karolina Krosnicka educated as an urban planner and an architect, is a researcher and lecturer employed both at the Department of Transport and Logistics at the Faculty of Navigation at Gdynia Maritime University, and the Faculty of Architecture at Gdansk University of Technology (Poland). Her PhD thesis, defended at the Faculty of Architecture of Wroclaw University of Technology (Poland), were describing the evolution of spatial relation between the port and city of Gdansk.

Karolina is currently the President of Gdansk branch of the Society of Polish Town Planners, and a member of Municipal Commission on Urban Planning and Architecture of Gdynia, as well as Pomeranian Voivodeship's Commission on Urban Planning and Architecture.

She is interested in theory of urban dynamics and problems of spatial planning, especially in relation to port terminals, ports, port cities, and waterfronts.