Team Members & Introduction
Programme & Schedules
Workshops, Events & Tracks
Keynotes
Poster Presentations
ISOCARP & OAPA Programmes
ISOCARP & OAPA Awards
List of Participants
General Information
<table>
<thead>
<tr>
<th>Session</th>
<th>Topic</th>
<th>Date</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
</table>
| DAY 1 - October 24 Tuesday | Registration | 08:00 | | Portland Ballroom Foyer |}
| | Opening/Keynote: Welcome by APA and ISOCARP Presidents | 09:00 | | Portland Ballroom |}
| | Day 1 Plenary: Smart Infrastructure & Buildings | 10:00 | | Portland Ballroom |}
| | Session 1: Smart Infrastructure & Buildings | 25/10/2017 | 09:00-12:30 | Washinton DC |}
| | Session 2: Governance & Inclusive Communities | 25/10/2017 | 13:00-16:30 | Washinton DC |}
| | Session 3: Technology & Small Communities | 25/10/2017 | 14:00-17:30 | Washinton DC |}
| | Session 4: Technology & Small Communities | 25/10/2017 | 15:00-18:30 | Washinton DC |}
| | Session 5: Technology & Small Communities | 25/10/2017 | 16:00-19:30 | Washinton DC |}
| | Session 6: Governance & Inclusive Communities | 25/10/2017 | 09:00-12:30 | Washinton DC |}
| | Session 7: Technology & Small Communities | 25/10/2017 | 13:00-16:30 | Washinton DC |}
| | Session 8: Technology & Small Communities | 25/10/2017 | 14:00-17:30 | Washinton DC |}
| | Session 9: Technology & Small Communities | 25/10/2017 | 15:00-18:30 | Washinton DC |}
| | Session 10: Technology & Small Communities | 25/10/2017 | 16:00-19:30 | Washinton DC |}

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**DAY 2 - October 25 Wednesday**

<table>
<thead>
<tr>
<th>Session</th>
<th>Topic</th>
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| | Registration | 08:00 | | Portland Ballroom Foyer |}
| | Opening/Keynote: Welcome by APA and ISOCARP Presidents | 09:00 | | Portland Ballroom |}
| | Day 2 Plenary: Sustainable Buildings & Urban Space | 10:00 | | Portland Ballroom |}
| | Session 1: Sustainable Buildings & Urban Space | 26/10/2017 | 09:00-12:30 | Washinton DC |}
| | Session 2: Sustainable Buildings & Urban Space | 26/10/2017 | 13:00-16:30 | Washinton DC |}
| | Session 3: Sustainable Buildings & Urban Space | 26/10/2017 | 14:00-17:30 | Washinton DC |}
| | Session 4: Sustainable Buildings & Urban Space | 26/10/2017 | 15:00-18:30 | Washinton DC |}
| | Session 5: Sustainable Buildings & Urban Space | 26/10/2017 | 16:00-19:30 | Washinton DC |}

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**DAY 3 - October 26 Thursday**

<table>
<thead>
<tr>
<th>Session</th>
<th>Topic</th>
<th>Date</th>
<th>Time</th>
<th>Location</th>
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| | Registration | 08:00 | | Portland Ballroom Foyer |}
| | Opening/Keynote: Welcome by APA and ISOCARP Presidents | 09:00 | | Portland Ballroom |}
| | Day 3 Plenary: Smart Infrastructure & Buildings | 10:00 | | Portland Ballroom |}
| | Session 1: Smart Infrastructure & Buildings | 27/10/2017 | 09:00-12:30 | Washinton DC |}
| | Session 2: Smart Infrastructure & Buildings | 27/10/2017 | 13:00-16:30 | Washinton DC |}
| | Session 3: Smart Infrastructure & Buildings | 27/10/2017 | 14:00-17:30 | Washinton DC |}
| | Session 4: Smart Infrastructure & Buildings | 27/10/2017 | 15:00-18:30 | Washinton DC |}
| | Session 5: Smart Infrastructure & Buildings | 27/10/2017 | 16:00-19:30 | Washinton DC |}

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**DAY 4 - October 27 Friday**

<table>
<thead>
<tr>
<th>Session</th>
<th>Topic</th>
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| | Registration | 08:00 | | Portland Ballroom Foyer |}
| | Opening/Keynote: Welcome by APA and ISOCARP Presidents | 09:00 | | Portland Ballroom |}
| | Day 4 Plenary: Sustainable Buildings & Urban Space | 10:00 | | Portland Ballroom |}
| | Session 1: Sustainable Buildings & Urban Space | 28/10/2017 | 09:00-12:30 | Washinton DC |}
| | Session 2: Sustainable Buildings & Urban Space | 28/10/2017 | 13:00-16:30 | Washinton DC |}
| | Session 3: Sustainable Buildings & Urban Space | 28/10/2017 | 14:00-17:30 | Washinton DC |}
| | Session 4: Sustainable Buildings & Urban Space | 28/10/2017 | 15:00-18:30 | Washinton DC |}
| | Session 5: Sustainable Buildings & Urban Space | 28/10/2017 | 16:00-19:30 | Washinton DC |}

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**Session Schedule**

<table>
<thead>
<tr>
<th>Track 1: Technology, Infrastructure &amp; Buildings</th>
<th>Track 2: Governance &amp; Inclusive Communities</th>
<th>Track 3: Technology &amp; Small Communities</th>
<th>Track 4: Culture, Community Experience &amp; Sharing Economy</th>
<th>Track 5: Environment, Agriculture &amp; Food Security</th>
<th>Track 6: Science, Education &amp; Innovation</th>
<th>Track 7: Technology &amp; Small Communities &amp; the New Frontiers</th>
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<tbody>
<tr>
<td>Information &amp; communication technology &amp; data systems</td>
<td>The Portland Plan: Measuring progress towards equity</td>
<td>Making Good Decisions: Smart cities of the future in 2040</td>
<td>Neighborhood Cohesion</td>
<td>Sustainable development &amp; disaster mitigation</td>
<td>Urban Planning Advisory teams SCOPM: principles from outside and inside</td>
<td>&quot;Made in Cities&quot;</td>
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<tr>
<td>Monitoring &amp; Mitigation on Climate Change</td>
<td>Smart infrastructure &amp; systems to data</td>
<td>Smart governance and inclusive communities</td>
<td>Creating Inclusive Places</td>
<td>Infrastructure &amp; governance in the public</td>
<td>Smart culture, regional planning and sustainable solutions</td>
<td>Protecting the Nation’s Investment</td>
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<tr>
<td>Portland Ballroom</td>
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<td>25/10/2017 09:00-12:30</td>
<td>25/10/2017 13:00-16:30</td>
<td>25/10/2017 17:00-19:30</td>
<td>26/10/2017 09:00-12:30</td>
<td>26/10/2017 13:00-16:30</td>
<td>26/10/2017 17:00-19:30</td>
<td>27/10/2017 09:00-12:30</td>
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**DAY 5 - October 28 Saturday**

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<tr>
<th>Session</th>
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<th>Location</th>
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</table>
| | Registration | 08:00 | | Portland Ballroom Foyer |}
| | Opening/Keynote: Welcome by APA and ISOCARP Presidents | 09:00 | | Portland Ballroom |}
| | Day 5 Plenary: Sustainable Buildings & Urban Space | 10:00 | | Portland Ballroom |}
| | Session 1: Sustainable Buildings & Urban Space | 29/10/2017 | 09:00-12:30 | Washinton DC |}
| | Session 2: Sustainable Buildings & Urban Space | 29/10/2017 | 13:00-16:30 | Washinton DC |}
| | Session 3: Sustainable Buildings & Urban Space | 29/10/2017 | 14:00-17:30 | Washinton DC |}
| | Session 4: Sustainable Buildings & Urban Space | 29/10/2017 | 15:00-18:30 | Washinton DC |}
| | Session 5: Sustainable Buildings & Urban Space | 29/10/2017 | 16:00-19:30 | Washinton DC |}
Welcome

Team Members

Introduction

Mobile Workshops

ISOCARP-UNESCO Event

Track 1: Technology, infrastructure and buildings

Track 2: Governance and inclusive communities

Track 3: Smart culture, urban experience and shared economy

Track 4: Resilience, adaptation and disaster mitigation

Track 5: Technology and small communities

Track 6: Post-smart communities and the new frontiers

Keynotes

Poster Presentations

ISOCARP Programmes

OAPA Programs

ISOCARP & OAPA Awards

List of Participants

General Information

**Certification Maintenance**

Members of the American Institute of Certified Planners (AICP) are required to engage in continuing education to maintain certification. AICP members must earn a total of 32 Certification Maintenance (CM) credits every two years. Reporting periods for new AICP members begin the January after they become AICP members. A minimum of 1.5 credits must be on the topic of ethics, and another 1.5 credits must be on the topic of current planning law. AICP members may carry over a maximum of 16 credits from one reporting period into the subsequent reporting period; however, ethics and planning law credits cannot be carried over to the next two-year reporting period.

**How can I earn CM credits?**

Thousands of continuing education opportunities are available on the web and at meetings around the country. The APA (www.planning.org), Oregon APA (www.oregonapa.org), and Washington APA (www.washington-apa.org) have extensive information on activities that qualify for CM credit. This conference qualifies for up to 14 credit hours.

**How can I log CM credits?**

Every AICP member has a personal online CM log. Use your APA ID and password to log in at www.planning.org, search for CM activities, rate them, and submit them to your CM log. All workshops and sessions identified herein, where CM is shown, are approved for credit. Select the activity, then enter the credits for the sessions or workshops attended. If you have questions about how to do this, email APA at acpccm@planning.org.

**Other questions?**

To find out more about Certification Maintenance, check out APA’s frequently asked questions page: www.planning.org/cmfaq.htm, or send them an email at acpccm@planning.org. APA is committed to making the Certification Maintenance program work for you and responding to your comments and feedback.

**OAPA**

Jeannine Rustad, OAPA Chapter President
Alex Dupoy, OAPA Conference Committee Chair
Matt Haske (Mobile Tours)
Alex Joyce (Mobile Tours)
Brian Campbell (Sponsorships)
David Krogh (Sponsorships)
Karl Lisle (Sponsorships)
Tamura Mabott, Sponsorships
Dave Siegel (Sponsorships)

**ISOCARP**

Ric Stephenson, ISOCARP President
Slawek Ledwon, ISOCARP President
Didier Vancutsem, Secretary General (Sponsorship & Partners)
Piotr Lorenc, Vice President
Young Planning Professionals (YPP) Programme
Loraine Gonzales, ISOCARP Ambassador (YPP Programme)

**American Planning Association - Oregon Chapter**

@ISOCARP1965
@ISOCARP
@OR_APA
#ISOCARP2017

**Planary and Lunch**

- Portland Ballroom
  - Track 1: D139/D140
  - Track 2: E143/E144
  - Track 3: F145
  - Track 4: E146

**Reception**

- Portland Ballroom Foyer

**Dinner**

- Portland Ballroom

**Breaks/Exhibitors**

- F Meeting Rooms

**Winning Way Steel**

- 2. Inn at the Convention Center
  - MAX Line
  - 1021 NE Grand Ave.
  - 518 NE Holladay St.
  - Contact OCC for information

- 3. Quality Inn
  - 431 NE Multnomah St.
  - 503.233.6331

- 8. Courtyard by Marriott
  - 800.222.2344
  - 1506 NE 2nd Ave.

**Oregon Convention Center Plaza**

- A perfect for booth setups, open-air receptions, outdoor space directly across the street from the center.
Welcome to the joint OAPA/ISOCARP Conference in Portland, Oregon, USA! We're looking forward to having you with us at perhaps one of the most beautiful times of the year in the Pacific Northwest. I think you'll find a welcoming community, great neighborhoods and districts to explore, and of course, forward thinking urban planning that pushes the envelope in both sustainability and livable communities. Plus, we've been told that we have the highest number of breweries per capita in the world, so there's a little something for everyone! We also have some of the best food anywhere to go along with that pint.

This year's theme of Sustainable Communities is a timely theme, both in the United States and abroad. Change is rapid and political, societal and technical challenges continue to push us as professionals in helping create cohesive and economically competitive communities. And the issue is international. While small communities are challenged in different ways than mega regions, the goal of a thriving community that supports everyone with the least environmental impact is universal. We look forward to this conversation and dialogue, and hope that what you see here in Portland and surrounding communities is interesting. We're looking forward to hearing what you're doing in each of your communities—to share ideas and experiences—because it is truly an international and critical topic for how we live on this connected planet.

Looking forward to seeing you in October.

Alex Dupey
OAPA Conference Committee Chair

This year's topic "Smart Communities" represents the convergence of technology and planning. Our 53rd World Planning Congress will examine and generate approaches to adopting information and communications technology, intelligent transportation, autonomous vehicles, ubiquitous sensing, e-government, renewable energy, the Internet of Things and the myriad of topics connected with 'smart cities'.

Urban and regional planners, environmental designers, entrepreneurs, technology firms, civil servants, students and many others will participate in this collaborative event that provides a unique forum for innovative international concepts and practices. The Portland, Oregon location in the Pacific Northwest is a unique setting, and our hosts are planning numerous activities that will be both meaningful and memorable. I invite you to be part of this extraordinary gathering and also to join ISOCARP, a global association of professional planners from more than 80 countries.

With much appreciation for your interest and commitment to 'Knowledge for Better Cities.'

Ric Stephens
ISOCARP President

Welcome to the joint OAPA/ISOCARP Conference in Portland, Oregon, USA! We're looking forward to having you with us at perhaps one of the most beautiful times of the year in the Pacific Northwest. I think you'll find a welcoming community, great neighborhoods and districts to explore, and of course, forward thinking urban planning that pushes the envelope in both sustainability and livable communities. Plus, we've been told that we have the highest number of breweries per capita in the world, so there's a little something for everyone! We also have some of the best food anywhere to go along with that pint.

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Looking forward to seeing you in October.
Team Members

General Rapporteur

Kaitlin Berger, USA

Kaitlin Berger is a professor of urban planning and teaches planning philosophy and methodology, comprehensive planning and Chinese urbanization. He has been chairing for more than 40 years, strategic, and master plans for regions/provinces and cities across China, many of which were awarded provincial, national and international planning prizes including 2012 ISOCARP Awards for Excellence. He was the Chinese chair for European FP7 project Europe-China Urban and Regional Bi-continental research Scheme (FP7-230934 ECLUBER) and a member of UN-Habitat Ad-Hoc Expert Group for International Guidelines on Urban and Territorial Planning. He is enthusiastic in synergizing often segregated parts of spaces and societies into holistic solutions towards smart communities.

Kaitlin Berger, China, General Rapporteur

Serah Breakstone, USA

Serah Breakstone is a planning consultant in Portland, Oregon where she provides a range of land use planning services to clients in both the public and private sectors. She has a comprehensive understanding of Oregon land use regulations and guides her clients through complex land use processes and represents their interests during public proceedings. Serah also helps Oregon cities and counties implement their long-range vision through comprehensive planning, concept planning and code development. Serah serves on PORTL, a multi-disciplinary firm in Portland with a focus on planning, land development and economic development.

Serah Breakstone, USA

Drew DeVilis, USA

Drew DeVilis is an urban planning professional based in Portland, Oregon. Drew recently oversaw the development of the City’s Transportation Recovery Plan and helped prioritize, launch, and manage the City’s Urban Mobility Effort while at the Portland Bureau of Emergency Management. He was also a co-author of a Manual on Bicycle and Pedestrian Connectivity to Transit released this year by the Federal Transit Administration. Drew received his Master’s degree in Urban and Regional Planning from Portland State University and holds a Bachelor’s in Environmental Science from the University of Wisconsin. He has worked on numerous urban and rural planning projects and provided technical assistance in the areas of transportation, land use, natural resources and social services.

Drew DeVilis, USA

Megan Channell, USA

Megan Channell, AICP is a Principal Planner with the Oregon Department of Transportation, where she manages complex projects and provides subject matter expertise in planning, transportation, and policy. She manages the Oregon GovCorridor project, which is a planning effort with a focus on corridor planning across modes. She has been actively involved in transporting and managing transportation projects in various capacities, including in the areas of transportation, land use, environmental review, and urban planning. Megan has 10 years of experience and has developed a strong reputation in the industry for her technical expertise and ability to communicate complex ideas in a clear and concise manner.

Megan Channell, USA

OAPA Congress Team

Sarah Breakstone

Amanda Ferguson

Olusola Olufemi, Canada

Olusola Olufemi has been actively involved in urbanism education, research, and consultancy involved in leadership roles in professional bodies. She was a visiting professor at the University of Indonesia, Indonesia in 2013 and 2016. Olusola is a planning researcher, mentor, and educator and also an Associate with the Society for Good Health, Sustainable Development and Environmental Awareness, Badan, Negera. She presently works as an Independent Consultant in the area of Social Planning specifically Urban Management and Development, Homelessness, Gender and Food security.

Sarah Breakstone

Amanda Ferguson

Olusola Olufemi, Canada

Malinur Omwenga, Kenya

Malinur Omwenga is a Chairperson of the Kenya Institute of Surveyors, Surveyors and Plans of Kenya (ISOKAPS) and International Associate of the Royal Town Planner’s Society (RTPS) and is a member of the Institute of Engineers of Kenya and also the National Environment Management Authority.

Malinur Omwenga, Kenya

Mairura is a civil/structural engineer, town planner and BA holder in Environmental engineering and MA in Urban and Regional Planning. With her career spanning about 30 years, Olusola Olufemi has been actively involved in urbanism education, research, consultancy and administration in Geographical Planning and Departmental affairs, the undergraduate and postgraduate work in Nigeria, South Africa and Canada. She has published extensively in peer-reviewed journals and encyclopedias, and involved in leadership roles in professional bodies. She was a visiting professor at the University of Badan, Badan, Nigeria in 2013 and 2016. Olusola is a planning researcher, mentor and educator and also an Associate with the Society for Good Health, Sustainable Development and Environmental Awareness, Badan, Negera. She presently works as an Independent Consultant in the area of Social Planning specifically Urban Management and Development, Homelessness, Gender and Food security.

OAPA Emerging Planners’ Group

Hongyang Wang, China

Hongyang Wang is a co-founder of an NGO that provides a range of land use planning services to clients in both the public and private sectors. He has a comprehensive understanding of Chinese land use regulations and guides his clients through complex land use processes and represents their interests during public proceedings. Serah also helps Chinese cities and counties implement their long-range vision through comprehensive planning, concept planning and code development.

Hongyang Wang, China

Xiaohui Chen, China

Xiaohui Chen is the head of the urbanization research center of Jiangsu province, China and Secretary General for the Urban Planning Society of Jiangsu Province as well. She has urban and regional planning experiences for 23 years and got the National Youth Planning Science and Technology Innovation Award in 2011. She is in charge of major urban and regional planning projects and provided technical assistance to local government. She has prepared nine national excellent planning awards. Xiaohui has published three books by China Architecture and Housing Press: “The Rural Restructuring in the process of Urban and Rural Development” and “Urban planning reform and innovation in ages,” and “Metropolitan Area Planning,” and published 20 academic papers as well.

Xiaohui Chen, China

Alexis Knell, USA

Alexis Knell is a principal at METRO Strategies, a planning and urban design firm in Eugene, Oregon. She is a Certified Flood Plain Manager and an AICP certified planner, and has trained extensively with FEMA at the Emergency Management Institute. Amanda served on the Board of Directors for the Oregon Chapter of the American Planning Association for two terms, and as-co-chaired three state and bi-state APA conferences. Amanda has a Master of Historic Preservation from the University of Georgia, and undergraduate majors in history and theatrical production. She is also the Artistic Director for the Cottage Theatre, a non-profit community theatre in Cottage Grove.

Alexis Knell, USA

Dave Krogh, USA

Dave Krogh is over 35 years of both public and private sector experience in city, county, regional and other in emergency management. He is one of the few planners in the State of Oregon who has working experience with all 19 of Oregon’s Statewide Planning Goals, having worked with urban, rural and coastal agencies. David has a BS degree in Earth Science from the University of Wisconsin, an MS degree in Environmental Science from Washington State University, and has completed FEMA’s Professional Development Series in Emergency Management (including training at the National Emergency Training Center). After retiring from government work in 2013 he consulted within the Portland Metro area until recently. He joined the American Planning Association (APA) in 1987 and has been a member of the American Institute of Certified Planners (AICP) since 1991. He is currently a life member of APA/AICP and has volunteered with the Oregon Chapter of APA (OAPA) for several years. Presently, he serves on the OAPA Professional Development Committee, is a regular conference volunteer, and a planning mentor. An avid writer, he has had many guest commentaries published in both the Portland Tribune and Oregonian newspapers and specializes in planning problem solving and legal issues.

Dave Krogh, USA

Malinur Omwenga, Kenya

Malinur Omwenga is a Chairperson of the Kenya Institute of Surveyors, Surveyors and Plans of Kenya (ISOKAPS) and International Associate of the Royal Town Planner’s Society (RTPS) and is a member of the Institute of Engineers of Kenya and also the National Environment Management Authority.

Malinur Omwenga, Kenya

Xiaohui Chen, China

Alexis Knell, USA

Dave Krogh, USA

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Malinur Omwenga, Kenya

Xiaohui Chen, China

Dave Krogh, USA
Grace Stainback
USA
Grace Stainback is a Land Use Planner in Mckenzie’s planning department. Grace received a Master’s degree in Urban and Regional Planning and a Graduate Certificate in Geographic Information Systems at Portland State University this year. She obtained her bachelor’s degree at the University of Florida, is a former journalist and, prior to Portland, has lived and worked in the Miami area, Spain, Ecuador and Vietnam. She hopes to combine her curiosity about people, place and culture with her formal education to help create meaningful spaces.

Aaron Ray
USA
Aaron Ray, AICP, is a Senior Aviation Planner with the Port of Portland. He focuses on long range planning for the Port’s three aviation facilities, with an emphasis on land use compatibility and collaboration with partner jurisdictions. Prior to joining the Port, he was a Senior Planner for the City of Hibboro, managing a multi-year project to rewrite the City’s Comprehensive Plan, its first overhaul in over 30 years. Aaron also serves as a Board Member and the Professional Development Officer for the Oregon Chapter of the American Planning Association. He holds a Bachelor’s degree in Community Development from Portland State University, and a Master of Planning and Regional Planning from the University of Oregon.

Jon Pheanis
USA
Jon Pheanis, AICP, is a planner and project manager with MIG, working with communities across the west and throughout Oregon. During his career, Jon has contributed on projects with a range of scales, from street and park plans, to neighborhood and comprehensive plans. Jon is especially passionate working with people and bringing their ideas to life, generating enthusiasm and trust throughout each of his projects. His experience includes successful public involvement campaigns and professional meeting facilitation across a wide array of projects and audiences. He has contributed on numerous professional articles and conferences related to great public spaces and public involvement. Jon has been a planner in Oregon for over a decade and has attended the Oregon Chapter of APA (OAPA) annual conference for nearly as long, including as a speaker. Jon holds a Masters in Community and Regional Planning from the University of Oregon.

Kirsten Tilleman
USA
Kirsten Tilleman is a planner with WSP USA in Portland, Oregon. Her work focuses on both environmental planning and transit system safety and security. Specifically, Kirsten executes socio-economic and environmental/justice impact assessments; risk-based transit system safety and security analyses and trainings; land use permitting; and compliance with applicable federal and state regulations. Kirsten earned her certification as a member of the American Institute of Certified Planners in 2017, and is board president-elect of the American Planning Association’s Oregon Chapter (OAPA). She holds degrees from the Boren School of Environmental Science & Management and the Oregon State College of Forestry.

Damian Symyk
USA
Damian Symyk currently serves as a senior planner with the City of Bend Growth Management Department. He has over 28 years of professional experience in both current and long range planning for two cities and one county in Oregon. Damian served as a key member of a team in developing a proposal for an urban growth boundary expansion for the City of Bend that included a significant update of the Bend Comprehensive Plan. The Bend Comprehensive plan and the UGB expansion were acknowledged by the Oregon Department of Land Conservation and Development in November 2016. Damian has also prepared population and housing forecasts, and a water public facility plan for the City of Bend. As a senior planner he has also reviewed and testified on land use and planning bills before the Oregon Legislature, or coordinated with the City’s legislative liaison to provide testimony.

Kirsten Tilleman
USA
Kirsten Tilleman is a planner with WSP USA in Portland, Oregon. Her work focuses on both environmental planning and transit system safety and security. Specifically, Kirsten executes socio-economic and environmental/justice impact assessments; risk-based transit system safety and security analyses and trainings; land use permitting; and compliance with applicable federal and state regulations. Kirsten earned her certification as a member of the American Institute of Certified Planners in 2017, and is board president-elect of the American Planning Association’s Oregon Chapter (OAPA). She holds degrees from the Boren School of Environmental Science & Management and the Oregon State College of Forestry.

Damian Symyk, USA
Damian Symyk currently serves as a senior planner with the City of Bend Growth Management Department. He has over 28 years of professional experience in both current and long range planning for two cities and one county in Oregon. Damian served as a key member of a team in developing a proposal for an urban growth boundary expansion for the City of Bend that included a significant update of the Bend Comprehensive Plan. The Bend Comprehensive plan and the UGB expansion were acknowledged by the Oregon Department of Land Conservation and Development in November 2016. Damian has also prepared population and housing forecasts, and a water public facility plan for the City of Bend. As a senior planner he has also reviewed and testified on land use and planning bills before the Oregon Legislature, or coordinated with the City’s legislative liaison to provide testimony.

Damian has been a member of the American Planning Association (APA), including the Oregon Chapter of APA, since 1988. He earned his certification as a Member of the American Institute of Certified Planners in 1995. He served as an at-large member of the board of Oregon APA from 1999-2003 and from 2009-2012. He served as the Board Vice Present from 2012-2014, during which he also served as a Conference Committee Chair. He currently serves as the Chair of the Oregon APA Legislative and Policy Affairs Committee, a position he has held since 2014, and has served as a committee member since 2010.

Philippe Vaillant
France
Philippe Vaillant is an architect-town planner, a territorial engineer in the agglomeration community «Andenne Métropole». He currently works for the “City Policy” department. He has presented case studies at numerous ISOCARP congresses. He is one of ISOCARP’s representatives at UNESCO.

He has drawn up numerous town planning documents and has been Director of the Technical and Urban Planning Department (DST) of several medium-sized towns. He is a national co-facilitator within the AITF, and the technical director of a “Practical Guide to the DST” used in more than 200 cities in France. He has conducted many exchanges of experience, through seminars and congresses at the local, regional, national and international level. After landing on the ground the regional operation «After Mines» of the French and German Lorrain Coal Basin, he became Doctor of Geography-Planning with distinction. He has since been an Associate Researcher at the University of Lorraine, EA 7394, and has conducted a Post-Doctorate in Australia, Kimberley, Western Australia, in partnership with the Indigenous Nyikina People and with the International Water Center (Brisbane). His international research focuses on the theme of “Mining, Environment and Society”.

He promotes and implements an organic, trans-disciplinary planning (A.N. Whitehead) toward convivial regions (B. Twittchet) taking into account the limited Earth resources. His attention is focused on an operational and relational way toward solidarity-based, convivial and inclusive communities, rooted in permanently changing territories, as a solution to an increasing pauperization.

Shivon Van Allen
USA
Shivon Van Allen is a GIS professional for a utility company in Portland, Oregon. She previously was a planning consultant in the Portland area and has provided land use planning services for private and public sector clients. Shivon holds a Bachelor’s of Science in Environmental Studies and Film from Portland State University and a Master’s of Science in Geography for the University of Alabama. Shivon is interested in the roles GIS and technology play in influencing the evolution of urban and rural environments.
The Joint Conference of ISOCARP and the Oregon Chapter of the American Planning Association (OAPA) – 53rd ISOCARP Congress – will be the world planning congress immediately following HABITAT III, the vincinal global summit for urbanization and planning. This means, from a classical planning perspective which would put 20 years as the long term for strategic visioning, our congress will be the first action congress to implement the New Urban Agenda and the International Guidelines on Urban and Territorial Planning. For both of the core documents of Habitat III, ISOCARP played a key role as the most representative community of global planners.

The Congress deliberately selected “Smart Communities” as the central theme, converging the two movements that have fundamentally transformed and will continue dominating the urbanization and planning sphere, the global habitat movement (since Habitat I) and the development of information and communication technologies (ICTs). It is the ICT sector that delivered the smart city and planning schemes and managing planning implementations. The planning scheme is to continue dominating the urbanization and planning sphere, the global habitat movement (since Habitat I) and the development of information and communication technologies (ICTs). It is the ICT sector that delivered the smart city and planning schemes and managing planning implementations. The planning scheme is to continue dominating the urbanization

Planning Association (OAPA), the 53rd ISOCARP Congress aims to confront the critical challenges or even crises for planning today. The Congress Team enthusiastically invite global planners and trans-disciplinary colleagues to contribute criticisms, debates and out-of-box constructive solutions for the urgent smart planning and smart urbanism agenda. We realize the diversified meaning and aspects of “smart”, from the smart technology, smart infrastructure and smart space, to the smart economy, smart society and above all, smart people. But above all kinds of “smart”, our Congress, the annual party of global planners, seeks to reaffirm the “smart” identity and scope of planning as the art to create synergic spatial solutions according to a specific context. That is, beautiful spatial synergy is the core planning sense of “smart” which will articulate, support and create other kinds of “smart”. Therefore, it is true that planning may have to take into account essentially everything. But planners’ major expertise is to design spaces with the best possible social, economic and environmental effects. And today, all of these have to be synergized with the elements of ICTs:

Smart understanding of our planning context: We are in what kind of new planning context, socially, economically, environmentally and spatially because of the influences of new factors of (not exclusively) ICTs? How are the factors like internet, big-data, AI and e-government etc reshaping our society and economy?

Smart planning methods: How to improve our planning methods with the new possibilities of technologies and tools including ICTs, to conduct more scientific and human-oriented data-collection, analysis, scheme creation and verification, and public participation? Is the big-data as powerful as assumed by some?

Smart planning schemes and smart urban future: In an era with ICTs and other new developments, what are the innovative synergic spatial schemes which can help make buildings, infrastructures, spaces, economies, societies, people and nature smarter?

How to create harmonious synergies between amongst the big and small, historical, modern and postmodern, development, culture and nature, work, life and health, technology and human, people of different ages, genders, abilities and belief, and region, city, towns and villages? With ICTs, what kind of new spaces are our cities, regions and communities working towards, and what new utopias can we imagine? And certainly, with the support of ICTs and modern transportation, scale has been condensed and so should be the distance among people. These help make our new urban world a world of Smart Communities.

Smart planning implementations: In today’s society, market and governance system which has been greatly changed due to many reasons including internet, what are the new ways for plan-promotion and implementation?

It is in an ICT era to reaffirm the duty and technologies of planning as the trans-disciplinary, sector and people coordinative spatial solution creator. The congress will explore the above questions from six “horizontal” sectoral tracks:

1. Technology, infrastructure and buildings
2. Governance and inclusive communities
3. Culture, community experience and the sharing economy
4. Resilience, adaptation and disaster mitigation
5. Technology and small communities
6. Post-smart communities and the new frontiers

The congress program will include plenary sessions, concurrent sessions of papers, inclusive debates, seminars on cases or projects, workshops, and social and cultural events which will ensure a series of unforgettable experiences for all participants. It is worth mentioning that we will organize the congress jointly with local planning profession association, OAPA, which will present us with all kinds of ideas and the smart city of Portland. Apart from the regular papers, case studies, projects, practical experiences, and researches relevant to the theme and topics are all welcome.

We look forward to your contributions to make a smart congress!
Mobile Workshops

The Tuesday of the 2017 Congress will be consumed with mobile workshops that will provide unique benefits.

Mobile Workshops

The first day of the 2017 Congress will offer several mobile Workshops. A short description of their topics can be read below.

Mobile Workshops

Emerging Planners Group Walking Tour (OAPA Emerging Planners Group)
8:30 – 12:00 (25 attendees) $59
This tour will explore contrasting development areas along SE 82nd Ave./Division St. known as the Jade District, is a multi-cultural business district. It is also the site of an expanding Portland Community College campus which represents a more urban scale, pedestrian-oriented development, compared to the surrounding auto-oriented strip commercial corridor. Development of a future high capacity transit line (bus rapid transit), transportation safety improvements, and other planning efforts in this corridor have the potential to expand this more urban pattern. We will visit the PCC campus and Jade District to compare and discuss these contrasting development patterns in the context of walkability, transit access, and cultural and neighborhood change. Transportation will be via a combination of walking and transit or passenger vans.

Williamette Falls Legacy Project (Metro)
8:30 – 12:00 (25 attendees) $59
Williamette Falls is the second most powerful waterfall in North America and an important Oregon historical and cultural treasure as a cultural, fishing and gathering place for Native American Tribes. Formerly also home to electrical transmission lines and a local paper mill, the site is on the cusp of being transformed into a new pedestrian Riverwalk and future mixed use development. The tour will focus on the design of the Riverwalk, and how the Riverwalk and overall Williamette Falls Legacy Project is leveraging other programs and projects such as bicycle and pedestrian-related Transportation Demand Management programs, downtown improvements, and tourism-related efforts.

Emerging Planners Group Walking Tour (OAPA Emerging Planners Group)
13:00 – 16:30 (25 attendees) $59
This tour will focus on some of the more recent transportation developments in the City, such as the addition of Tilikum Crossing, the OHSU aerial tram, and Nike’s biketown bike share program. It will be led by emerging transportation planning professionals in Portland and offer opportunities to interact with local transportation and technology organizations. An optional, informal happy hour will follow the tour.

Columbia River Gorge National Scenic Area
13:00 – 16:30 (25 attendees) $59
This mobile workshop will focus on joint use and regulation in the Columbia Gorge National Scenic Area and will also touch on how people access recreational opportunities in the Gorge, including via a new shuttle service implemented by the Oregon Department of Transportation. The Gorge is a scenic wonder and incredibly popular recreational destination that attracts people from across the state and around the globe. It also functions as a “working river” for competing uses such as freight movement and tribal activities and is home to several local communities.

Transportation, Urban Development and Cultural Change in the Jade District (City of Portland)
8:30 – 12:00 (25 attendees) $59
This tour will explore contrasting development areas along SE 82nd Avenue in SE Portland. The area is the site of an expanding Portland Community College Campus which represents a more urban scale, pedestrian-oriented development, compared to the surrounding auto-oriented strip commercial corridor. Development of a future high capacity transit line (bus rapid transit), transportation safety improvements, and other planning efforts in this corridor have the potential to expand this more urban pattern. We will visit the PCC campus and Jade District to compare and discuss these contrasting development patterns in the context of walkability, transit access, and cultural and neighborhood change. Transportation will be via a combination of walking and transit or passenger vans.

Innovation Quadrant (City of Portland)
13:00 – 16:30 (25 attendees) $59
This tour will focus on Portland’s new emerging Innovation Quadrant (IQ), which include the South Waterfront and Central Eastside Districts of the Central City. The tour will cover past and recent infrastructure projects, such as the Portland Aerial Tram, South Waterfront Greenway, and Tilikum Crossing, which are helping to support and drive investment in the IQ. The tour will also present three emerging master plan concepts for the IQ, OHSU Schnitzer Campus, Zidell Yard, and OMSI Master Plan. Staff from the City of Portland will discuss how the city is supporting the creation of the IQ, and representatives from the three master plan sites will discuss the opportunities and constraints with taking their master plans from concept to reality.

ISOCARP-UNESCO Event

A follow up of the 2016 Durban Congress “Cities we Have vs. Cities We Need” around the Sustainable Development Goals in cooperation with the United Nations Educational, Scientific, and Cultural Organization. A full day in the framework of ISOCARP and UNESCO Objectives and Priorities until 2030.

Registration
9:00 - 9:30
Opening Ceremony
"UNESCO soft power today around the Sustainable Development Goals"
9:30 - 10:10
Room 253
Welcome Coffee
Nicholas You (Chair), Ric Stephens (Moderator) & Hawa Deme (Special Guest)
Interactive Round Table:
Planning, heritage and modernity, social inclusion for promoting intelligent cities for people"
10:30 - 12:00
Room 253
Nicholas You (Chair), Ric Stephens (Moderator) & Hongyang Wang (Experts)
Lunch Break
12:00 - 14:00
Three Parallel Workshops:
1. “Linking rural and urban planning to set up ‘urban’ cities and a better quality of life”
   Michael Hardiman (Chair), Muriro Onwenga & Hongyang Wang (Experts)
2. “Best practices rethinking human settlements for all that leave nobody by the wayside”
   Pabla Pessar (Chair), Daniele Vettoretti & Martin Debeling (Experts)
3. “The role of women, youth and civil society in promoting intelligent cities”
   Zeynep Gunay (Chair), Estefania Czocha Baragán & Hawa Deme (Experts)
Conclusions and Recommendations
16:00 - 17:00
Room 253
A think tank in action “Towards Sustainable Cities We Need”
16

and sectors? This sector will be looking at the role of cities. It is well known that information is closely related to the use of ICT in the socio-economic activities, buildings, infrastructure and technologies that are accessible, affordable, energy efficient, green and environmentally friendly and sourced in a sustainable and resilient way. Cities are a concentration of and a mixed system of buildings, infrastructure services. The sector will address the use of green energy sources like solar and wind is receiving encouraging support globally. What green energy potential exists in different countries and cities and what is the level of utilization? How has technology improved the supply and green energy use of electrical energy and fossil fuel. Production of electrical energy and fossil fuel is no longer considered sustainable and poses serious risks to the environment and human health. The use of smarter and greener technology options are available to tackle these problems. The potential for water waste recycling and ban on use of plastics will be areas of interest in the congress.

In any country, cities are the major consumers of electrical energy and fossil fuel. Production of electricity from nuclear fuel, coal and oil is no longer considered sustainable and poses serious risks to the environment and human health. The use of smarter and greener technology options are available to tackle these problems. The potential for water waste recycling and ban on use of plastics will be areas of interest in the congress.

The sector will present actual projects, highlighting the various stages in planning, design, construction and operation of the building works. The presentation will also be aimed at rating the building works as being smart and green. The use of Green Building Council standards or other national rating standards will be encouraged.

- How do we make urban spaces and buildings more green and livable?
- Various options explored include – new technology options in promotion of the private car, poor public transport services, high transport costs, high accident risks, and air pollution. There is no provision for walking and cycling infrastructure. What safer, smarter and greener transport technology options are available in our towns?

The Congress will also be addressing the traffic challenge in our cities. Cities are faced with heavy traffic jams, long commuter distances, heavy use of the private car, poor public transport services, high transport costs, high accident risks, and air pollution. There is no provision for walking and cycling infrastructure. What safer, smarter and greener transport technology options are available in our towns?

We invite you to discuss smart technology, buildings and infrastructure.

What new technology transport technology options are available to promote sustainable urban development?

Some of the potential solutions available include solar power plants and expanding the pedestrian infrastructure in our cities.

Session 1: Information & communication technology & data systems
25 October (Wednesday) 14:00-15:30

Guy VLEEGEBROECK, OUESSANG, City of Antwerp, Belgium
Piotr Marek SMOLNICKI, Gdansk University of Technology, Gdansk, Poland
ECODISTRICT, Integrated decision support tool for retrofit and renewal towards sustainable districts

This paper constructs the theoretical model on the rationality of resource allocation in rural medical space on the basis of spatial data analysis, which method new regulations and guidance on resources allocation in medical space.

Post-Marek SMOLNICKI, Gdansk University of Technology, Gdansk, Poland

Connectivity and automation of urban mobility, available cars and kitchen technologies, self-driving cars and driverless shuttles can impact the development of metropolitan structures of both cities and suburban areas.

Aida DIOBRANYA, Ibusco KELWINEN, Artar HASSABDI, Lamebahi GASHI-CHABANI, Rudane GHERA, Jbebech DAI, Dima MUSLE, Kasuwa Center for Urban Research Project Planning, Prisina, Kosovo

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Inclusiveness means not leaving anyone on the road side. And this, in all the dimensions of the ordinary, personal and community life of everyone (E. Mounier). The world has never been so rich. At the same time, it has never been so unequal and destructive of societies, of economies. What is the possible to change look, mentality, individual and collective posture … and transform the landscape characteristics of the historic towns.

The given study outlines the various available alternative centralized cooling technologies applicable to mass housing complexes. The study then investigates upon the institutional mechanisms, cost cooling technologies applicable to mass housing complexes. The study then investigates upon the institutional mechanisms, cost

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4. Governance and citizen participation

Across the world, new models of up-and-coming governance are emerging. Citizen participation allows the expression of the aspirations of the population, and of its “mastery of use” in an ascending logic. Citizens know their territory, constraints, potentials, and together can guide their destiny. The local is the best place to articulate the global and the local (some speak of “glocal”). Is it not by building inclusive institutions of ALL citizens, including the most vulnerable, and co-constructing planning and policy plans that are create the conditions of prosperity and human success of the community? From India, to South Africa, and other places?

6. Common goods, territorial inclusioniveness and belonging and neighborhood

The convivial and inclusive social climate is the common good of society. How does our participation contribute to creating, maintaining and developing it? Neighborhoods seem now involved in the production of renewable energy, residential environmental, economic activities, solidarity with the weakest. Through examples of practices in India, China, Kenya, can we find simple rules generalizable to other places of the world? Which are the different in all dimensions of inclusiveness? Do we not build a convivial and inclusive socio-spatial dimension of the sense of belonging, with the establishment of new collaborative community to face the many challenges of being together?

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References


Moderator: Andrea OYUELA, United Nations Human Settlements Programme

25 October (Wednesday) 16:00-17:30

Rose MUSOYA, Herbert MUGOGA, National Land Commission, Nairobi, Kenya; KARIJUKI MBIRIGA, Center for Urban and Regional Planning, Nairobi, Kenya

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5. Inclusiveness, indigenous people, informal settlement and traditional planning

The provision of affordable housing, particularly in high amenity economies, has increasingly becoming the single-most important vital element for such a Code from the UN Habitat Conference inputs to revolutionize planning practice for the whole world. Extraction of the valuable and illustrated the deliberative planning and its implementation path in historic districts renewal: a comparative study on Chifeng Road in Tianjin and Tinian Road in Guangzhou. By taking Wuhan City as an example and exploring from the perspective of post-Glacial process, this research would seek to understand whether the delification of the urban residents, especially the informal communities and their aspirations of the population, and of its “mastery of use” in an ascending logic. Citizens know their territory, constraints, potentials, and together can guide their destiny. The local is the best place to articulate the global and the local (some speak of “glocal”). Is it not by building inclusive institutions of ALL citizens, including the most vulnerable, and co-constructing planning and policy plans that are create the conditions of prosperity and human success of the community? From India, to South Africa, and other places?

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Session 4: Smart City governance co-creating inclusive places
26 October (Thursday) 16:00-17:30
Moderator: David LUCID, OWE, Bristol, UK
Speakers: Ahn JUNGJOON, Seoul Metropolitan Government, South Korea; Kevin MARTIN, City of Portland, USA; Jonas BYLUND, JPI Urban Europe; Peter Speck; Shraddha BAHIRAT; Sanghamitra BASU, IIT Kharagapur, Kharagpur, India

Smart city governance innovations are redefining opportunities for city planning globally. Societal and technological innovation provides a dynamic that is driving the generation of new models of integrated and participatory land use planning. The key question is how can urban planning effectively engage to promote co-created urban governance?

Track 2 continued: Governance and Inclusive Communities
27 October (Friday) 11:00-12:30

Ghada MOURAD: Heba KHALIL; Mohamed ZAYED, Faculty of Engineering, Cairo University, Cairo, Egypt

Understanding gated communities of India and their impact on the neighbourhood cohesion with special focus on digital technology as a means of communication and governance. While understanding "Gated Communities" as a new form of urban residential development in India, this paper examines the impact of such developments and digital technology on the neighborhood cohesion. The study is based on a questionnaire based pilot survey conducted in six gated communities and their surrounding neighbourhoods in Bangalore.

Najibah ALFAYJI; Sajjaq CHAUDHRY; Muhammad JAMIL, Allama Iqbal Open University, Lahore, Pakistan

Evaluation of the situation in Greater Cairo with regards to citizen participation in urban governance through the emerging information and communication technologies
The paper evaluates citizen participation in urban governance through the emerging information and communication technologies in Greater Cairo. It explores one of the local cases that took advantage of the emerging technologies for participation, and measures readiness of Greater Cairo inhabitants to participate through these technologies using a questionnaire survey.

Ying ZHANG; Shenzhen, China

Early childhood community facilities in China—gap and prospect
The paper aims to establish the significant inefficiency of the early childhood community facilities in China, and to find the directions of the development of early childhood community facilities.

Herbert MUSOGA; Rose KITUM, Tom OHAMANG, National Land Commission, Nairobi, Kenya

Explore the potential for planning for vibrant secondary towns: A planning scenario case study of Mumias Town, Western Kenya
Through a case study of planning of Mumias Town in Western Kenya we share the experiences of applying the polycentric concept to a developing country setting. We explore the opportunities presented by the apparent morphology juxtaposed upon the administrative structure to realize devolution aspirations.

Xiaobo LU; Junyan YANG, Southeast University, Nanjing, China

Building "new neighbourhood climate" of sustainable use of water and energy resources for making smart communities and smart neighbourhoods in cities in India
Building a new "Neighbourhood Climate" where the households and communities take up useful actions which are environment sensitive and sustainable. The creation of a "Neighbourhood Behaviour" and a "New Household Culture" by doing individually and collectively towards environmental friendly and socially relevant actions.

Abdulwahab MOHAMMED, School of Planning and Architecture, Vijayawada, India

Building of "new neighbourhood climate" of sustainable use of water and energy resources for making smart communities and smart neighbourhoods in cities in India
Building a new "Neighbourhood Climate" where the households and communities take up useful actions which are environment sensitive and sustainable. The creation of a "Neighbourhood Behaviour" and a "New Household Culture" by doing individually and collectively towards environmental friendly and socially relevant actions.

Session 7: Neighbourhood cohesion
27 October (Thursday) 11:00-12:30

Ahmed ZAFAR, I. U. University, Lahore, Pakistan

Coping with "online urbanisation": envision the Big Data industry's effects on urban patterns
The paper mainly elaborates the research on big data industry's effects to foresee how this emerging field will affect the urban patterns in the new era which we can identify as the era of online urbanization. Big data industry development in Nanjing, China will be explicated as the research case.

David CAPPELL, TCH Immex Inc., Atlanta, Carla MAYS, AAKS Civic Innovation; Michael CABALERO, Libby BARNES, USA

Place-making: building the economy for smart & sustainable neighborhood development
There is an urgent need to increase more inclusive sustainability and equity-based development in Priority Development Areas (PDAs) by increasing the number of diverse professionals with market-validated training. We are launching an educational series to teach professionals a participatory/community based design process for accreditation in sustainable community & economic development.

Session 8: Equitable growth policies and community partnerships drive a city's housing strategy along a major transit corridor
27 October (Thursday) 14:00-15:30

Moderator: Ryan CURRIE, City of Portland, Portland, USA
Speakers: Matthew TSCHEMBOLD, Portland Housing Bureau, USA; Richard OLEAN, Community Partners for Affordable Housing, USA

A panel discussion on one equitable TOD planning effort with the city planning staff and the organizations participating in the process. Learn how shared equity goals, clear and complimentary roles, and inclusive community engagement operationalizes equitable growth policies for new light rail investments.

Track 2 continued: Governance and Inclusive Communities
27 October (Friday) 11:00-12:30

A Comparative study of satisfaction level of middle-income group residents' of government housings and public private partnership housings
Public Private Partnership model and group housings provided by government agencies of West Bengal, India highlight the role of governance in making the Middle Income Group more inclusive. However, the PPP model is more successful, evident from higher stated residents' satisfaction level with the costs incurred and value of savings.

Amit KAIR, Surama GUPTA, Indian Institute of Technology (IIT) Kharagpur, Kharagpur, India

An inclusive study on the renewal of urban fringe area: a case study of the four villages in Hangzhou Shiqiao sub-district
Urban fringe area has certain complexity in the aspects of society and comes across a series of "inclusive" social contradiction. The research summary presents the problems and methods for urban fringe area renewal and takes four villages of Shiqiao sub-district in Hangzhou as an example for renewal.

Malake KIBOGORA, Nairobi Water and Sewerage Company, Nairobi, Kenya

An integrated assessment of the effectiveness of multiple level water governance structure: case study of Kenya water sector
Effective management and access to water resources is vital to sustainable development and good governance.

Philippe VALLANT, University of Lorraine, Charleville-Mezieres, France

City policy in the 7 underprivileged districts of Ardenes Mepetropole: comparison of solutions with other districts in Europe and in the World
In view of urban riots in France since 1983, we can say that the policy of the City is considered as a failure. The case study presented here deals with the new French solutions bases in 7 districts of the Ardenes Métropole, compared to Europe and in the World.
The challenges facing humanity and human settlements have never been greater as the Planet earth's projected population is estimated to reach 9 billion by the year 2050. From rural to small towns, cities to megacities, planners continue to grapple with population growth, demographic shifts, housing, energy, transportation, disaster, health, food and water security, waste management, urbanization of poverty, urbanization and infrastructure development among others. A better way to connect people, connect issues and connect municipalities to developing and adopting technologically relevant and smart planning tools and principles.

Providing for food, water, energy and safety needs require collaboration among agencies/ institutions/ effective engagement of people/ integration of new ideas, knowledge, technology, and management. More importantly, it requires smart planning, that is, new ways of conceiving, planning, and designing communities; analysing, diagnosing, assessing information and data, and managing people and infrastructures. Planning for smart, complete and intelligent communities requires safeguarding old and new memories, changing lifestyles and consumption patterns, adopting technologically relevant communication patterns, for example, understanding spatial structure through mobile phone data. Many communities are transforming to be smart, complete by embracing information technology, and remain competitive, others are still lagging behind.

In the sharing, access or collaborative economy, information communication technology (ICT), the Internet of Thing, Airbnb or Uber, to mention a few platforms, are critical in providing information and data for urban planning, resource optimization and collaborative consumption. Undoubtedly, utilizing smart devices to connect people, optimize resources, mutualize access and link infrastructures in communities constitute the bedrock of smart communities. Therefore, developing robust smart planning principles and incorporating smart growth principles in a sustainable manner is pivotal for future communities.

In achieving smart communities through culture, urban experience and the sharing economy, Track three intends to provoke discussions through these questions: What constitutes a smart community? How culturally sensitive are smart communities?

What critical indicators are important towards designing and building smart communities?

What are the challenges of the open, smart, connected, mobile and sharing economy?

How green, efficient and replicable is the sharing economy?

What cultural sensitivity is important for achieving smart communities through the sharing economy? What do smart communities bring not only more convenience to people but also create a belonging and identify to them?

Session 5: Story of Place: A framework for regenerative planning

20 October (Wednesday) 16:00-17:30

Moderator: Timothy MURPHY, Regenesis Group, Santa Fe, USA
Speakers: Timothy MURPHY, Ray LUCCHESE, Regenesis Group, Santa Fe, USA
A dialogue-based session on “Story of Place”, a methodology for engaging community stakeholders in an inquiry into the unique potential of their place. Shared narratives have a basis for dialogue and a means to consider the needs of its local community. A new context-free and community-oriented definition of Smart City is proposed.

Malgorzata HANZL, Lodz University of Technology, Lodz, Poland
Analyses of human behaviour in public spaces
The studies of human behaviour are emerging rapidly. However, the research remains dispersed. The studies conducted in urban design, pedestrian mobility and small group behaviour and video analyses overlap. The paper aims at an overview of available methods and looking for their further application in the field of urban design.

Adriano BISELLO, Eurex research, Padua, Italy, Giuliano MARELLA, University of Padua, Padua, Italy, Daniele VETTORATO, Eurac research, Padua, Italy
Residential property price barometers: a reliable tool for smart citizens? First evidences from Italy
Deciding to buy an apartment is always a crucial moment. Some web services offer a rough estimation of a likely value on the market. Unfortunately, they often lack a robust appraisal method. This research investigates the already available tools and suggests improvements to more reliable services for users.

Gonca AKGUL, Aysegül OZBAKIR, Zeynep MEREY ENLIL, Yildiz Technical University, Istanbul, Turkey
A spark of change: awareness on energy consumption through the mobility choices
When the same use experience are observed, it is estimated that transportation is one of the significant sectors that accounts for roughly 27% of total world energy consumption. This paper focuses on individuals' choices on urban mobility, and aims to understand how learning platforms affect behavior on mobility towards sustainability.

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Session 6: Shared economies, social integration and engagement
26 October (Thursday) 16:00-17:30
Deddy PURWANARYA, Halim, Jimbaran Hijau group, Bali, Indonesia
Jimbaran Hijau: in search of sustainable inclusive development for smart communities
Jimbaran Hijau is set to become the island’s premier place that takes integrated development aiming to serve growing Bali as live, work and play destination which strive to make a new mark on inclusive, creative, smart and vibrant community village with green and healthy lifestyle.

Hong STEG, Erpeen SN, Huazhong University of Science and Technology, Wuhan, China
The influence of shared bicycle on the Chinese university community and the guidance of planning - a case study of Huazhong University of Science and Technology
We will analyse the impact of shared bicycles on the campus community and give solutions from the planning perspective for optimisation.

Jiabin WEI, Xiang LI, Siyuan TANG, Tongji University, Shanghai, China
Cultural obstacles of sharing economy experiences in China and impacts on Chinese cities
The recent massive success of the “sharing economy” model in the field of urban mobility in Chinese cities is highly controversial on its impact on Chinese cities, to see and feel its economy and industry? - can you get a fair idea about the urban economy of a city without knowing the full history and statistics?

Kumar RAJENDRA, Ansal University, Gurgaon, India
Urban village vs. slum: boon for Indian city development
In today’s world major cities are becoming hubs for migrations from smaller cities and towns. Our existing cities’ limits of infrastructures are in danger because of the exponential population increase. Slums are becoming a part of a metropolis. Hence is a need of integration of slum as urban elements.

Session 7: Urban Planning Advisory Teams: Practices from Wuhan and Bode
27 October (Friday) 11:00-12:30
Moderators: Martin Dubbeling and Milena Ivkovic, ISOCARP Vice-Presidents
ISOCARP organised two Urban Planning Advisory Team (UPAT) workshops, one in Wuhan (China) and the second in Bode (Norway). ISOCARP has selected two teams of seven experts to travel to Wuhan and Bode to stay and work for a week. In Wuhan the UPAT assessed the recent redevelopments in the Zhongshan Avenue District, a large historical district in the Eastern area of Wuhan. For the City of Bode the UPAT team offered their expertise in the development of the new airport and how this development can contribute to becoming a leading smart city.

The UPAT Seminar will take 90 minutes, starting of with an introduction of a 1-2 hours of UPAT workshops and continues with the results of the two 2017 UPAT workshops. The two UPAT teams present and share the outcomes of the 25th UPAT workshop in Wuhan, China, and the 26th UPAT workshop in Bode, Norway.

A discussion and the introductions of the 2018 UPAT workshops that ISOCARP has in preparation will conclude the UPAT Seminar.

Session 8: What can we learn from Portland’s urban economy?
27 October (Friday) 14:00-15:30
Moderator: Jan ZAMAN, Regional government of Flanders, Brussels, Belgium
Portland is considered to be one of the leading cities when it comes to urban planning. It started to become a part of a metropolis. Hence there is a need of integration of slum as urban elements.

Track 4: Resilience, adaptation and disaster mitigation
The international disasters database (EM-DAT: Centre for Research on the Epidemiology of Disasters (CRED), University Catholique de Louvain, Brussels, Belgium), which reported less than 50 natural hazard events in the early 20th century, increasing exponentially toward the end of the century, has now predicted over 10 times more that number of natural disasters in the 21st century in its “World trend of natural disasters 1900 – 2010”. United Nations Office for Disaster Risk Reduction (UNISDR) also stated in the Global Assessment Report on Disaster Risk Reduction 2015, “Global economic losses from disasters up to $300 billion every year, calling for higher investments in risk reduction strategies.” UN Secretary-General warned: “World threatened by dangerous and unacceptable levels of risk from disasters.” 120.4 Revision of World Urbanization Prospects reported that globally, more people live in urban areas than in rural areas, with 54 per cent of the world’s population residing in urban areas in 2014. In 2050, 30% of the world’s population was urban; whereas by 2050, 66% of the world’s population is projected to live in urban areas.

In the 21st Century, our cities are facing higher risks and threats than ever before. How can we survive under huge impacts of natural disasters in this era of rapid mega urbanization? By way of mitigation, adaptation, making cities resilient? UNISDR firstly initiated the Hyogo Framework for Action 2005-2015: Building the Resilience of Nations and Communities to Disasters (HR). And then continued to setup The Sendai Framework for Disaster Risk Reduction 2015-2030 (Sendai Framework). The Sendai Framework is the first major agreement of the post-2015 development agenda, with seven targets and four priorities for action adopted as the "UNISDR’s Strategic Framework 2016-2021.”

This Track covers multiple aspects and scopes of hazards, vulnerability, and risks of natural disasters, as well as methods for increasing resiliency and community preparedness to extreme natural phenomena, (e. volcanic impacts, lava & pyroclastic flow; earthquake, fire & tsunami, hurricane/hyphon/ tropical storm/havy rain/flood & landslides, hydrological hazard & storm-surge/tidal-wave, winter storm/blizzard, climatological/meteorological disasters).

Track 5 focuses on the following topics: Mitigation and adaptation on climate changes Hydrological vulnerabilities Strategic planning for climate change Natural disaster mitigation Resilience theory; problems and practices Sustainable & resilient communities Long-term Resilient Community Strategies including natural disaster and climate changes beyond disaster mitigation.

Co-moderator for Sessions 1 & 6: Drew DeVitis
Co-moderator for Sessions 2 & 4: Amanda Ferguson
Session 1: Mitigation and adaptation on climate changes - Strategic planning for climate change
25 October (Wednesday) 11:00-12:30
Qing YUAN, Tongping YU, China, Harbin Institute of Technology, Harbin, China; Kevin MULLIK, Craig RITSCHE, The University of Melbourne, Australia
Spatial modeling for landscape vulnerability assessment with climate change through TEC and GIS in Heilongjiang, China
In this paper, by using mathematical methods we focus on the correlation research of public space preference and residents' personal characteristics on the scale of northeast small towns in China.
Allu GURUSWOWRA, Masterplan Consult Ltd, Lagos, Nigeria
Effects of climate change on Lagos communities’ resilience
Climate change has been an issue that has drawn back the growth and development of communities in Lagos and Nigeria at large. If communities must be smart, therefore a mitigation process must be in place to ensure growth and development.
Lenne MEL, OTTER, Utrecht, Netherlands
Adaptation support tool for implementing the New Urban Agenda in cities
This paper introduces an ecosystem based approach using the Adaptation Support Tool to help implement the New Urban Agenda on a local level. It demonstrates the effectives of nature-based solutions for increasing urban resilience, by showing where and how these solutions can be integrated in urban plans.
Mehak AGRAWAL, SPA Delhi, Delhi, India
Climate resilient urban development strategies for a Mega City: a case of NCT of Delhi
Climate change is an acid bath. Recently, once of discourse has shifted from global to urban level for two reasons. First, they account for over 70% of global greenhouse gas emissions, Second, they house over 50% the global population. Hence, cities are both victims and prime reason for climate change.
Session 2: Hydrological vulnerabilities
25 October (Wednesday) 14:30-15:30
Michael DONZEL, Swiss Federal Institute of Technology, Lausanne, Switzerland
Urban underground potential in Dakar, Senegal: reflecting the paradigm of ‘needs to resources’
In response to urban planning’s tendency to consider underground resource potential in a sectorial and needs-based manner, this paper presents a mapping tool for evaluating multi-use urban underground potential and examines the underground potential of Dakar, Senegal, a city with a complicated relationship to its underground.
Miao FENG, Wasonm ZHAMO, Chongqing University, Chongqing, China; Tao ZHANG, Tongji University, Shanghai, China
Research on green infrastructure construction in mountainous watershed cities
This paper based on full consideration landscape features in mountainous watershed cities, using landscape ecology theory through the method of hydrology and minimum cumulative resistance analyzing, Gaungyuan city of Sichuan province in China as an example, to forward the theory path and framework of green infrastructure construction in mountainous watershed cities.
Teo ZHANG, Tongji University, Shanghai, China; Miao FENG, Chongqing University, Chongqing, China
The research on multi-scale urban flood control and storm drainage based on economical security of river basin
This paper presents a "sauce-city-field" multi-scale flood control and drainage planning and management mode based on ecological security. Besides, overall and small watershed system and the changing process thereof are regarded as the basic research unit in this paper, which breaks the traditional way of dividing research units.
Pedro GARCIA-LEUJ, COAC, Lisbon, Portugal
Urban waterfront in symbiosis with nature
The research focus on urban waterfronts solutions that implement soft ways of dealing with territories challenged by climate change; retaining functions or transforming infrastructures. The selected case studies contribute for a stronger improved city that reaches long-term strategies in symbiosis with nature.
Session 4: Natural disaster mitigation
26 October (Thursday) 11:00 - 12:30
Pazoo ROZI, Luana DE LUDOVICO, Fedemea D’ASCARANO, University of Livialpa, Italy
From fragile to resilient territories. The reconstruction after earthquake in central Italy
To decrease vulnerability and to increase resilience is a shared worldwide issue, but there are some features and peculiarities of Italy (namely the average of historical heritages are preserved), that are going to effect the efficiency of actions and strategies that require a shared strategic Agenda both national and local.
Connie GABRIEL, Portland State University, Portland, USA; Sanda KALAFAR, Cleveland State University, Cleveland, USA; Deborah SHMUEL, University of Haifa, Haifa, Israel
Mining collaborative planning for disaster preparedness and response
Natural and technological hazards have consequences of a scale and severity far exceeding most human experience. The literature stresses the importance of community involvement before, during and after disaster. This paper brings collaborative planning principles to disaster management to build community resilience in the face of uncertain, future calamitous events.
Colin ROYALS, Levee Ready Columbia, Portland, USA
Special purpose district news, state land use goals, and land behind levees in Oregon
This presentation explores development in leved areas from the perspective of land use planning and statutory authority in Oregon. The presenter will explore issues faced by special districts, the interplay between various agencies in comprehensive planning, and the limitations of statutory and regulatory authority confronted by levee authorities.
Resilience theory, problems and practices
Chao MA, Shanchao WANG, Lijian REN, Yingxia YUN, Tianjin University, Tianjin, China
Strategy research of improving city resilience in urban comprehensive disaster prevention and reduction
We summarized the promoting of community resilience in disaster prevention and reduction planning, and improvements for executing such plans by enhancing community resilience. We propose enhancing post-disaster community resilience in several ways.
Session 5: Central city scenic resources protection plans
26 October (Thursday) 14:00 - 15:30
Moderator: Mindy BROOMS, City of Portland, Portland, USA
Speaker: Neil COUPLING, City of Portland, Portland, USA
As part of the Central City 2035 Plan, scenic resources, such as views of Mt Hood, are proposed for protection. These protections are necessary to maintain the iconic views and scenic quality of Portland.
Session 6: Sustainable and resilient communities
26 October (Thursday) 16:00 - 17:30
Jacob KALMADOFF, UN-Habitat, Nairobi, Kenya
Mis-Romanticism of intermediary cities and participation? The case of Moroni
Participatory planning, community engagement and public consultations are mandatory parts of many planning processes. Both vulnerability and resilience strategies need relatively self-sustaining, smaller communities may hold the key for better resilience strategies. Can effective participation in resilience planning be a solution for areas of low capacity?
Tao-Ling QIEN, Xuex-Heng CHONG, ROC, Taichung City, Taiwan
Increase resilience in right community under potential earthquake risk
The study provides a new perspective on disaster mitigation management by considering earthquake disaster probability, governmental preparedness and earthquake risk perceptions to increase resilience in right community under potential earthquake risk.
Yoshinori YAMADA, Tokyo University, Tokyo, Japan
The exploration on ecological ways of traditional Chinese settlement construction
The characteristics of water resources in different regions of China vary considerably. Water resource is an important factor influencing the settlement pattern. From the perspective of ecology, harmonious coexistense of water environment and settlement is the basis of sustainable development. The traditional settlement can be described as genuine ‘wisdom community’.
Raina SINGH, The Energy and Resources Institute, New Delhi, India
Role of ICT based tools for building climate resilient infrastructure services - Panaji and Visakhapatnam, India
This paper looks at climate resilience planning efforts in two Indian coastal cities (Panaji and Visakhapatnam). The paper discusses the role of an ICT based approach for building climate resilient infrastructure services in these cities and explores its potential as a planning and decision making tool for achieving SDG 11.
Session 7: Strengthening the disaster resilience of academic research communities
27 October (Friday) 11:00-12:30
Moderator: Kirk PARKER/OSG, ESIA 112 Construction Services Group (ESG), Vancouver, Washington, USA
Speakers: Lisa BROWN, National Academy of Science, Engineering and Medicine, Washington DC; Andre LUCIDU, University of Oregon, USA
Members of the USA National Academies of Sciences, Engineering, and Medicine Committee on “Strengthening the Disaster Resilience of Academic Research Communities,” will share the Committee’s recommendations to support disaster response and recovery planning, the development of a more resilient built environment, and the capital financial considerations in funding resilient communities.
Session 8: Digital innovations in urban planning and design from a global perspective
27 October (Friday) 14:30-15:30
UN-Habitat, Ericsson Research, Johannesburg Development Agency, Arcadis Speakers: Per HAMMER, UN-Habitat, Kenya; Peter SAILLARD, UN-Habitat, Netherlands; Joakim FORMO, Ericsson Strategic Design, Harald, Vodafone NEWE, Johannesburg Development Agency, South Africa
Digital technologies are becoming increasingly important in urban development and management. Access to various networks, digital data and urban dashboards, as well as data accessibility, privacy and security and becoming common concerns in part of urban development worldwide. Smart technology is resulting in radical transformation of cities in many areas, including in the field of city and nations planning.
In this session, UN-Habitat, Ericsson Strategic Design, Arcadis and the Johannesburg Development Agency will present recent explorations into the use of ‘mixed reality’ – a mix of virtual and augmented reality – for integrated and collaborative decision making and participation processes in urban planning and design. Building on UN-Habitat, Mozung and Microsoft’s innovative Black box Black programme, which uses Minecraft as a community participation tool in urban design, the project partners were able to successfully use a mixed reality platform to visualize co-created 3D designs of a public space in Johannesburg, South Africa.
3. Technology and society
New information and communication technologies are increasingly present in the functioning and management of cities. As a result, access to information and technology is becoming increasingly important for the communities. For rural areas and poor communities, the lack of access to information and technology will be a huge disadvantage. Meanwhile, in urban areas, the establishment of spatial technological infrastructure is also crucial for urban planning. Furthermore, with the support of data analysis quality of residential public space for social behaviour is providing an effective decision reference for increasing social interaction and community bonding.

4. Online interactive mapping: Tips and tools for small communities
Many planners in the Portland region are aware of the City of Portland’s "map app," an online interactive map developed as part of outreach for the City’s update to the Comprehensive Plan. But what options are available to a smaller jurisdiction without experienced programmers and advanced software licenses? And, beyond developing an online tool, what are the best ways to successfully integrate web-based maps and spatial information into a broader outreach program? This panel session will feature speakers from the City of Portland as well as smaller jurisdictions who have experience building and using online interactive maps to present and obtain information as part of a public outreach strategy.

5. Technology and small communities
Technology has boosted the emergence of new economy. We witnessed technology brings new opportunities for the development of small scale industries which effectively promoting the poverty reduction. We also witnessed new entrepreneurial model is constantly derived at the community level. Technology reinforces the interactions among small communities, thereby exacerbating the interflow of information between urban and rural areas. Furthermore, technology also effectively promoted the smart transformation of traditional housing and helped to achieve social integration in historical cities, which brought more possibilities to forming a modern neighbourhood.

6. Technology and big data
Data is expanding our horizon. The advancement of technology and rising ration of big data usage is changing the data acquisition and analysis tools in urban planning, not only increasing the possibility of citizen engagement in decision making processes, but also offering the universal tools to plan for urban planning. With new information at the disposal of planners, how to make technology and big data become effective planning and analysis tools? How to use new technology approaches to obtain user friendly data in smart community and transportation planning? Furthermore, how does technology help in participatory planning, community engagement and public consultations?

7. Improving multi-agency program transparency and accountability via a scalable, performance measure tracking web platform
The Lake Tahoe Environment Improvement Program (EIP) is a partnership of over 50 different federal, state and local agencies, private interests, and the Washoe Tribe. The Tahoe Regional Planning Agency worked with Sitka Technology Group to build an online platform to coordinate data collection, increase transparency, and showcase program success.

Session 1: Improving multi-agency program transparency and accountability via a scalable web platform for performance measure tracking
Moderator: Matt OWENSTON, Sitka Technology Group, Portland, USA
Speakers: John IWINSKI, Sitka Technology Group, Portland, USA; Jeanne MCNEAL, Washoe Tribe; Jonathan JENSEN, Gold Ridge Resource Conservation District, USA;
The Lake Tahoe Regional Planning Agency Project Tracker website has been instrumental in improving data coordination, increasing transparency, and showcasing progress as it tracks $2 billion in funding in more than 700 cross-agency projects. Learn more about this industry-leading, open-source platform and how other organizations are leveraging it.

Session 2: Smart communities
Yizhou ZHAO, Lian LU, Dikang DU, Tsinghua University, Beijing, China
Study on the eco-village planning in Yangtze River Delta
This paper proposes a valuable direction of smart communities: a data guide smart-transformation traditional housing in urban context. The case study of Sandaoguai traditional community in China

Xiong GÜOYING, Southeast University, Nanjing, China
Study on the eco-village planning in Yangtze River Delta
The presentation is about technology and small communities.

Xiaohui CHEN, China
one of C2C, and the distant-oriented culture network, linking tightly to their adjacent urban small rural communities into a vast connected internet of things are uniting the scattered small communities by Xiaohui Chen, China

Throughout history emerging technologies have driven major shifts in the way cities and their societies have been planned and functioned. Today, with the development of artificial intelligence, the internet, autonomous vehicles, virtual reality, and quantum computing, we find ourselves again on the brink of a new urban transition. It is argued that the onset of high technology will dramatically transform our countryside landscape. The technology of highways and the internet is already uniting the networked small rural communities into a vast connected network, linking tightly to their adjacent urban areas. The vertical hierarchical agricultural marketing system is broken, shifted into a flat one of C2C, and the distant-oriented culture recognition of village being changed into character-oriented. So village communities with special resources such as distinct features or agriculture productions will gain more opportunities than the past, when only those near big cities or important ports developing more. However, the hot spot of rural areas driven by high tech getting more capital from cities are becoming landscape homogeneity and getting social divorced. How to benefit the rural community members and preserve their culture heritage are urgent issues for urban planners.

It is therefore worthwhile taking a moment to ponder this immediate transition, considering exactly what kinds of shifts small communities are experiencing and how, unlike previous transitions, our urban and rural human settlements can collectively and individually ensure that the benefits are based upon and shared among all people. Under the umbrella topic of Smart Communities, this track of conference aims to facilitate a better understanding of the effects and challenges of the cumulative growth of contemporary urban technologies within the communities and planning sectors.

1. Lighting up the discovery corridor – the Port of Ridgefield’s dark fiber optics infrastructure
The City of Ridgefield is one of the fastest growing cities in the state of Washington. However, Ridgefield is lacking a robust fiber-optic system. The Port of Ridgefield is proposing to invest in dark fiber-optic infrastructure to promote world-class, high performance economic development in southwest Washington Discovery Corridor.

2. Smart Communities
With the help of science and technology, smart communities can not only improve the quality of our lives, but also bring new opportunities for the development of cities and rural areas as well. In this context, how to plan a more eco and liveable village in the traditional agriculture area? How to achieve smart planning by using innovative approach? How can we better use the applications and tools to plan smarter local communities? How to resolve rural-urban crisis by adopting the appropriate technology? What are the practical way do smart community benefit residents? To answer these questions, we need to look world widely, where the smart communities are bringing great opportunities to these places, so as to seek for some inspirations.

3. Technology and society
New information and communication technologies are increasingly present in the functioning and management of cities. As a result, access to information and technology is becoming increasingly important for the communities. For rural areas and poor communities, the lack of access to information and technology will be a huge disadvantage. Meanwhile, in urban areas, the establishment of spatial technological infrastructure is also crucial for urban planning. Furthermore, with the support of data analysis quality of residential public space for social behaviour is providing an effective decision reference for increasing social interaction and community bonding.

4. Online interactive mapping: Tips and tools for small communities
Many planners in the Portland region are aware of the City of Portland’s “map app,” an online interactive map developed as part of outreach for the City’s update to the Comprehensive Plan. But what options are available to a smaller jurisdiction without experienced programmers and advanced software licenses? And, beyond developing an online tool, what are the best ways to successfully integrate web-based maps and spatial information into a broader outreach program? This panel session will feature speakers from the City of Portland as well as smaller jurisdictions who have experience building and using online interactive maps to present and obtain information as part of a public outreach strategy.

5. Technology and small communities
Technology has boosted the emergence of new economy. We witnessed technology brings new opportunities for the development of small scale industries which effectively promoting the poverty reduction. We also witnessed new entrepreneurial model is constantly derived at the community level. Technology reinforces the interactions among small communities, thereby exacerbating the interflow of information between urban and rural areas. Furthermore, technology also effectively promoted the smart transformation of traditional housing and helped to achieve social integration in historical cities, which brought more possibilities to forming a modern neighbourhood.

6. Technology and big data
Data is expanding our horizon. The advancement of technology and rising ration of big data usage is changing the data acquisition and analysis tools in urban planning, not only increasing the possibility of citizen engagement in decision making processes, but also offering the universal tools to plan for urban planning. With new information at the disposal of planners, how to make technology and big data become effective planning and analysis tools? How to use new technology approaches to obtain user friendly data in smart community and transportation planning? Furthermore, how does technology help in participatory planning, community engagement and public consultations?

7. Improving multi-agency program transparency and accountability via a scalable, performance measure tracking web platform
The Lake Tahoe Environment Improvement Program (EIP) is a partnership of over 50 different federal, state and local agencies, private interests, and the Washoe Tribe. The Tahoe Regional Planning Agency worked with Sitka Technology Group to build an online platform to coordinate data collection, increase transparency, and showcase program success.

Session 1: Improving multi-agency program transparency and accountability via a scalable web platform for performance measure tracking
Moderator: Matt OWENSTON, Sitka Technology Group, Portland, USA
Speakers: John IWINSKI, Sitka Technology Group, Portland, USA; Jeanne MCNEAL, Washoe Tribe; Jonathan JENSEN, Gold Ridge Resource Conservation District, USA; The Lake Tahoe Regional Planning Agency Project Tracker website has been instrumental in improving data coordination, increasing transparency, and showcasing progress as it tracks $2 billion in funding in more than 700 cross-agency projects. Learn more about this industry-leading, open-source platform and how other organizations are leveraging it.

Session 2: Smart communities
Yizhou ZHAO, Lian LU, Dikang DU, Tsinghua University, Beijing, China
Study on the eco-village planning in Yangtze River Delta
This paper proposes a valuable direction of smart communities: a data guide smart-transformation traditional housing in urban context. The case study of Sandaoguai traditional community in China

Xiong GÜOYING, Southeast University, Nanjing, China
Study on the eco-village planning in Yangtze River Delta
The presentation is about technology and small communities.
Ellen CURRIER, Lane Council of Governments, Eugene, USA

Shenzhen, China

Taru JAIN; Rose GEOFFREY;, Marilyn JOHNSON, Monash University, MALVERN

Software package that allows for simple sharing of data and workbook visualization schemes with citizens and partner agencies. The Organization created an user friendly data portal using the Tableau software. Transportation data can be inaccessible and difficult to access even for citizens in metropolitan areas. A need for policymaking. This study relies on the Global Human Settlement layer comparing national trends of rural growth with the global human settlement layer. Geospatial data have become a resource for territorial analysis and need for policymaking. This study relies on the Global Human Settlement Layer (produced at the European Commission Joint Research Centre) baseline data at a national level and obtain information as part of public outreach for planning projects. Come be engaged and learn best practices for how to use these tools in your own community.

Session 6: Neighbourhoods, parks, and food access - Creative approaches to community outreach in Salem, OR

Moderator: Rebecca HEEWTT, Angela Planning Group, Portland, USA

Speakers: Martha STROMBERG, City of Portland, USA; Katie SMIDT, AIA Public Involvement; Matt HUGHART, Kirtland Associates; Kym SCHREIDER, Angela Planning Group, USA

Learn from the experience of planners who have who have experience building and implementing effective outreach programs to inform communities of public projects. Come be engaged and learn best practices for how to use these tools in your own community.

Session 7: Lighting up the discovery corridor – the port of Ridgfield’s dark fiber optics infrastructure

Moderator: Scott KELLOR, Bergen BAM, Vancouver, Washington

Speakers: Nelson HOLMBERG, Port of Ridgefield, Ridgefield, WA; Mike ROMAN, Columbia River Economic Development Council, USA; Ron NITTA, City of Ridgefield, USA; Melissa MILANO, Bergen BAM, Vancouver, USA

The Port of Ridgefield is proposing to invest in dark fiber optic infrastructure to promote world-class, high performance economic development in Southwest Washington’s Discovery Corridor. This track dwells into the transition of cities in adopting new techniques for management, design and planning, and showcases emerging trends and share findings to better channel resources to address contextual challenges.

Cities are witnessing an increasing rate of densification and expansion, coupled with a flow of transient movement. Indeed, globalisation has brought an increasing dependency on transportation, whether through cars, buses, light rail or airplanes, rendering our cities as a platform for hosting business, commerce, and other activities. Such a busy environment brought its fair share of challenges in regards to traffic, energy, water, waste and other components that contribute to the functioning of the city.

With the advent of internet connectivity and with the increasing knowledge of the causes of climate change, we are able to adopt various ‘smart’ and innovative solutions to tackle such issues to better achieve a sustainable and resilient urban fabric.

However, with the increasing technological progress, and the effect of Moore’s law on pricing, new models are emerging to better tackle finance, governance, movement flows, business, commerce and others. The city witnesses a change in policies as it re-invents the way it functions. Various components, invisible decades ago, come into play in the form of big data, new technologies and techniques and cross-disciplinary approaches that measure SDG Goal 11 and the 6 heritage-related NUA provisions.

1. Technology and big data

As we connected a world-wide, we embrace big data. Through these connections, we find at our disposal extremely large data sets that may reveal patterns and trends. With new information at the disposal of planners, how can these be used to better plan for the community? Furthermore, as we are witnessing the global adoption of mobile phones, data from mobile phones can depict an accurate understanding of transient flows and crowd representation. We also witness the inclusion of smart energy mapping tools and its influence on design and planning. We further understand the relationship between mobile energy, planning, utilities, urban space and local democracy.

2. Planning and governance

We witnessed an increasing flow of migratory flux to cities over the past decades, stressing on existing resources, wealth and jobs distribution and influencing its societal, environmental, economic and political fabric. Against this backdrop, how can we turn challenged communities into smart urban spaces? How is urbanisation affecting rural areas? What are the regulations to take into account while planning eco-cities? Dwelling further, decision making and implementation phases can be challenging from a professional, societal, and legal standpoint. What kind of planning tools are at our disposal and what kind of platform would be proposed to address those challenges for planning professionals? How can data influence design planning and urban space management?

3. People and society

As various cities witness the world brand themselves as ‘Smart’ by adopting easy and plug and play scenarios, the question arises, what is really a smart city, and what conceptual promises do they hold in regards to contemporary cities? Engaging with new technologies and easy data manipulation and the holistic planning perspectives can help researchers, planners and other professionals view the city in an entirely new way. New tools, forums, and platforms emerges that can better showcase planning from a multidisciplinary perspective. Emerging concepts, frameworks, policies and planning ideas include green and cultural elements in masterplanning. The case of the Green loop in Portland ponders on the subject matter. Moreover, new technologies also highlights the need for constant learning and adaptation, as resistance to change in a fast paced world can often lead to a heavy cost. In this regards, as we rush towards adopting new technologies and automation, are we running towards unemployment?

4. Future urban economics

As the advent of ‘Now Bond March’, the first shopping centre in France, efforts in design has shown exponential growth to influencing design decisions for the shortfront, façade, interiors and even more. We also acknowledge the increasing use of vehicular transportation and its impact on both economy and environment. An increasing trend of automated vehicles is seen on the rise and questions are raised about its negative impacts. As we further discuss this trend and delve into the new technologies that are at our disposal and those that are yet to come, we ask ourselves; How will the future of retail expand to affect our urban morphology, and how can we mitigate the negative impacts of automated vehicles?

5. Cities of the future

The sharing economy, e-commerce and autonomous vehicles are influencing urban planning decisions, and movement flows within the urban fabric. As new technologies influence the way we move in and across cities, they ultimately reflect on the external picture of city management, revenue and politics in a fast fashion. What new technologies and conceptual promises do they hold in regards to contemporary cities? Engaging with new technologies and easy data manipulation and the holistic planning perspectives can help researchers, planners and other professionals...
Session 1: Made in China
25 October (Wednesday) 11:00-12:30
Moderator: Martin DUBBELING, ISOCARP Vice President
China is planning to build 265 eco cities across the country in order to become the world’s leading power in sustainability, urban water management, and green energy. This policy marks China’s new approach to transform Chinese cities into green and sustainable urban areas. The “Made in China” session explores the State of the Art in China’s green urban development.

Session 2: Cities leading through energy analysis & planning
25 October (Wednesday) 14:00-15:30
Moderator: Kyle ROBERTS, ICLEI-Local Governments for Sustainability, USA
The U.S. Department of Energy Cities Leading through Energy Analysis and Planning (C-LEAP) project enhances municipal GHG inventory practice by creating methods and tools to attribute changes between inventories to the impacts of policies and programs along with other external drivers, such as economic activity and weather.

Session 3: 10 Years of ISOCARP Awards
25 October (Wednesday) 11:00-12:30
Moderator: Martin DUBBELING, ISOCARP Vice President
In 2017 ISOCARP celebrates 10 successful editions of the ISOCARP Awards for Excellence. The ISOCARP Awards for Excellence are conferred in recognition of exceptionally innovative urban and regional initiatives. These Awards were created in 2005 as the highest honour that the International Society of City and Regional Planners can award to a city, region or an institution. Until 2017 ISOCARP has acknowledged 45 cities, regions of institutions with the ISOCARP Awards for Excellence in 10 editions between 2005 and 2016. Amongst the laureates are the cities of Nanjing, Durban, Wuhan, Amsterdam, Bilbao, Singapore, Antwerp, Abu Dhabi, Brussels and Ottawa.

ISOCARP has invited 10 laureates of the past editions Awards for Excellence to present their award winning cities and projects. The ISOCARP Awards Seminar will take 90 minutes, starting off with an introduction and overview of the 10 past editions of the ISOCARP Awards. The paper conducts a number of comparative analyses and provides cases from the regional and international context to argue for a more holistic understanding of the swiftly emerging concept “Smart City”.

Session 4: Planning and governance
26 October (Thursday) 14:00-15:30
Moderator: Martin DUBBELING, ISOCARP Vice President
The paper presents various aspects of technologies used in retailing and autonomous vehicles can achieve public policy goals. The 4th Industrial Revolution is changing the nature of work. Around 80% of existing jobs will be automated. If these are not replaced by new, as yet unthought-of of work, then there are only two possible futures: revolution or paradise. How will we plan and build the jobless futures: revolution or paradise?

Session 6: Community engagement & the Portland Green Loop
26 October (Thursday) 16:00-17:30
Moderator: Mark HAGGERTY, City of Portland, Oregon, Bureau of Planning and Sustainability, Portland, USA
Speakers: Linda GINETHAL, City of Portland, Oregon, Bureau of Transportation; Shelby MISTRA, Oregon Department of Transportation; Rachel COODINGTON, Design Week Portland, Lori ULRICH, City of Portland, Oregon, Bureau of Planning and Sustainability, USA
This session will explore the potential impact(s) of the Green Loop and what different community organizations have found compelling about the concept. City staff will describe the loop itself and following by representatives from different organizations sharing how their work fits into the long term vision for the project.

Session 7: Track 2 continued...

Session 8: Urbanism next: how autonomous vehicles, the sharing economy & e-commerce will impact cities
27 October (Friday) 14:00-15:30
Moderator: Becky STEENZER, University of Oregon, Eugene, USA
Speakers: Nico LARCO, University of Oregon, USA; Benjamin CLARK, University of Oregon, Eugene, USA; Andrew DICK, Oregon Department of Transportation, USA
The SymbioCity Approach is used as a practical instrument to implement the New Urban Agenda on developing countries. This approach for multidisciplinary, holistic and integrated sustainable development consist of various tools for e.g. analyses, evaluation, public participation and gender-sensitive planning to enable improved quality of life for all citizens. This process guides local governments to bridge the gap between sectors and stakeholders and turning challenges into opportunities.

Technology & big data
Donata KARMOWSKA-ZALOSKA; Hanna OBRACKI-PRENZOLSKA, Gdansk University of Technology, Gdansk, Poland; Emanuele NABONI, The Royal Danish Academy of Fine Arts Schools of Architecture, Design and Conservation, Denmark
Big Data as opportunity to enhance design sustainability
The aim of this presentation is to show the possibility of using Big Data based instruments to support restorative design. The proposed research is conducted in the framework of COST Action RESTORE Bucharest sustainability towards urban and regional green and restorative economy states, to advocate, mentor and influence restorative built environment.

Session 5: People and society
26 October (Thursday) 14:00-15:30
AV ALRAOUF, Abdulla AL-KARRANI, Urban Planning Section, Doha, Qatar
Smart, resilient or just communities: interrogating the urbanity of contemporary Qatar and Gulf Cities
The paper aims to revise the authenticity of smart cities conceptual premises and the future of contemporary cities. The paper conducts a number of comparative analyses and provides cases from the regional and international context to argue for a more holistic understanding of the swiftly emerging concept “Smart City”.

Stephen GOLDOE, Abu Dhab Department of Planning & Municipalities, Abu Dhabi, UAE
The jobless city - revolution or paradise?
The 4th Industrial Revolution is changing the nature of work. Around 80% of existing jobs will be automated. If these are not replaced by new, as yet unthought-of of work, then there are only two possible futures: revolution or paradise. How will we plan and build the jobless city?

Future urban economics
Slawomir LEDWON, Ministry of Municipality and Environment, Doha, Qatar
The paper presents various aspects of technologies used in retailing and autonomous vehicles are changing land use, urban design and transportation within cities.

Session 7: Track 2 continued...

Session 8: Urbanism next: how autonomous vehicles, the sharing economy & e-commerce will impact cities
27 October (Friday) 14:00-15:30
Moderator: Becky STEENZER, University of Oregon, Eugene, USA
Speakers: Nico LARCO, University of Oregon, USA; Benjamin CLARK, University of Oregon, Eugene, USA; Andrew DICK, Oregon Department of Transportation, USA
This session highlights a framework for examining the secondary impacts of Urbanism Next: how the sharing economy, e-commerce, and autonomous vehicles are changing land use, urban design and transportation within cities.
Rapid changes in technology, economies, governance, culture, society and climate are just some of the major disruptive forces. These changes are redefining the way we work, play, live, learn and consume. Often our responses only exacerbate the great ongoing shifts in equity, productivity, ownership, security and stability. Are we able to grasp the full extent of these realities, or should we just plan to ride the storm? How adaptive and resilient can we be to man-made and environmental shocks? Is it even possible to pre-emptively plan and act? This plenary will examine the various forces at play in which planning must find ways to make a positive difference. It will explore and suggest the various ways in which we can not only embrace growing complexity, but also, address uncertainty itself.

### Keynotes

#### 25 October 9:00

**Daniel Iacofano**

**Designing the Inclusive City: Neighborhood, City Region**

Daniel Iacofano has more than 34 years of experience in urban planning and community design for downtowns, transit-oriented development, neighborhoods and urban centers. He is nationally recognized as an expert and innovator in the areas of community participation, consensus building and facilitation. Daniel’s diverse projects have addressed transportation, housing, economic development, land use and regional growth. Daniel was working in a wide range of communities from Downtown Los Angeles and Downtown Denver to Anchorage, Dallas and Washington, D.C. He is a leader in the national re:Streets effort, exploring the future of streets and roadways, and the impact of land use policies on streets and roadways. Daniel Iacofano was one of the first to advocate for the importance of public space in the development of more livable cities.

#### 26 October 9:00

**Arun Jain**

**Beyond the Hype: Development Challenges for an Uncertain Future**

The world is going through a massive paradigm shift with no clarity on what our new equilibrium will be when all the dust settles. Rapid changes in technology, economies, governance, culture, society and climate are just some of the major disruptive forces. These changes are redefining the way we work, play, live, learn and consume. Often our responses only exacerbate the great ongoing shifts in equity, productivity, ownership, security and stability. Are we able to grasp the full extent of these realities, or should we just plan to ride the storm? How adaptive and resilient can we be to man-made and environmental shocks? Is it even possible to pre-emptively plan and act? This plenary will examine the various forces at play in which planning must find ways to make a positive difference. It will explore and suggest the various ways in which we can not only embrace growing complexity, but also, address uncertainty itself.

### Cities are back – in a big way – throughout North America.

People have quickly become playgrounds to the urban core, living in high-rise condos, funky lofts and hip streetcar neighborhoods. Exciting nightlife, retail, dining, culture and recreation are all redefining the urban experience, creating 24/7 environments that entertain, foster creativity and spark entrepreneurship.

But there is a downside to this success.

Downtowns have rapidly become playgrounds for the affluent and trendy. The middle and lower classes are getting squeezed out. Low-wage workers must now travel from great distances because landlords are doubling the rent on their formerly affordable apartments. This imbalance, if left unchecked, could irreversibly impact the overall health of our society and very security of the nation.

Daniel Iacofano will outline the great charge of the 21st-century neighborhood, city and region. He will introduce the concept of inclusivity as the fundamental basis for creating truly great communities. He will illustrate how cities must be designed to address gentrification and support the physical, economic, environmental, cultural and social needs of people of all abilities, social strata and income levels. Daniel Iacofano will explore how to apply an inclusive policy framework in the areas of economic development, housing and neighborhoods, education, access and mobility, habitat protection, community facilities and cultural significance – to ensure that our neighborhoods, cities and regions are fully inclusive, welcoming and thriving.

### Federal Update on Advancing Livable Communities

Congressman Earl Blumenauer has devoted his entire career to public service. Through his years as a local official in the Oregon Legislature, Multnomah County Commission, and on Portland’s City Council, Blumenauer developed a national reputation for his advocacy on public transportation, land use planning, protection of the environment, and school funding.

Elected to the House of Representatives in 1996, Blumenauer has become a leading advocate for rebuilding and renewing America from repairing our nation’s roads and bridges, to supporting biking, transit and pedestrian project investments. Blumenauer was a member of the Transportation and Infrastructure Committee until 2007, where he was a strong advocate for federal policies that address transportation alternatives, provide housing choices, support sustainable economies and improve the environment. He is currently a member of the Ways and Means Committee and the subcommittees on Health, Oversight, and Tax Policy.

Since 1996, Congressman Blumenauer has traveled to more than 200 communities across the country, working with governments, citizens, and civic organizations to strengthen sustainable economic development, provide transportation options, and prepare for a 21st century economy.

Congressman Earl Blumenauer (OR-03) will share insights on ways the federal government can be a better partner in building livable communities. The Congressman will provide a unique perspective on opportunities for infrastructure investment, strengthening disaster preparedness and mitigation, and advancing other policies to make our communities safer, healthier, and more economically secure.

### Arun Jain:

27 October 9:00

**Arun Jain:**

**Designing the Inclusive City: Neighborhood, City Region**

Arun Jain is an urban designer and urban strategist with over three decades of international experience in practice, city leadership and academia. Based in Seattle, Washington, he advises public and private institutions engaging city and regional administrations, development companies, institutions, and foundations to improve cities and urban life. Arun has planned, designed, and directly influenced over 90 new private and public projects with a combined investment capital of over 14 billion US Dollars. He focuses on urban decision support tools, behavior sensitive infrastructure strategies, and development frameworks. Arun has contributed in several UN forums. Most recently he was invited by the UNDDC (UN Office of Drugs and Crime) to discuss urban safety. Earlier he was UN policy unit expert for the UN Habitat III effort leading up to the New Urban Agenda declaration in Quito, Ecuador Habitat. Arun was also a lead expert in the UN Urban SDG development process (Goal 11). Arun has held academic positions in six universities. In 2016, he was a German Federal Government (DAAD) funded guest Professor at the Institute for City & Regional Planning (ISR), Technical University of Berlin. From 2003–09 Arun was Portland, Oregon’s first Chief Urban Designer. In 2001, he led the creation of a national policy structure and is development suitability tool for the island country of Palau. Arun has served on many national and international boards, including the IFHP (International Federation of Housing and Planning) and ARUP (Advanced Research in Urban Systems), University of Duisburg Essen, Germany. He has also been a strategic planning advisor to the Indian State Government of Karnataka (pop. 64 million). Arun received his professional Bachelor’s degree in Architecture from the School of Planning & Architecture, New Delhi, India, and two Master’s Degrees (City Planning & Architecture) from the then Urban Design Program, University of Pennsylvania, Philadelphia, USA.

### Daniel S. Iacofano:

25 October 9:00

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**Designing the Inclusive City: Neighborhood, City Region**

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ISOCARP brings together recognised and highly-qualified planners in an international network.

**ISOCARP Institute**

In 2016 ISOCARP officially established the Institute as a ‘Centre of Urban Excellence’ and formal body for generating, documenting and disseminating knowledge for better cities.

The Institute’s core function is to design and deliver capacity building and continuing education programmes; conduct research and promote knowledge transfer; as well as offer advice and short-term consultancy services to government, nongovernment and international bodies worldwide.

**ISOCARP’s Urban Advisory Teams**

ISOCARP organises two to four Urban Planning Teams (co-organised by partner organisations, such as local or regional governments or national planning organisations) and YPP awards. The Institute’s core function is to design and deliver capacity building and continuing education programmes; conduct research and promote knowledge transfer; as well as offer advice and short-term consultancy services to government, nongovernment and international bodies worldwide.

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**ISOCARP & UN Habitat**

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.

**Mentoring**

Mentoring Sessions at the congress are an opportunity for meetings between the delegates, a more experienced ISOCARP member as Mentor, and a Mentee, who would like to learn more about the society, and receive guidance on their career and professional development.

**ISOCARP Awards Programme**

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 local to regional scale.

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UPAT Urban Planning Advisory Team
International Society of City and Regional Planners

Typical Process

1. Identify Project & Local Coordinator
2. Submit Letter of Intent
3. ISOCARP Local Coordinator
4. Review & Approve Programme Proposal
5. ISOCARP YPP UPAT
6. Assign Team Leader
7. UPAT VP & Local Coordinator
8. Publish "Call for Candidates"
9. UPAT VP
10. Review & Select Senior Planners
11. ISOCARP Programme Committee
12. Determine Agenda
13. Local Coordinator & Team Leader
14. Select Young Planners
15. Local Coordinator
16. Distribute & Study Project Materials
17. Programme Manager & Team Leader
18. Conduct Program
19. Urban Planning Advisory Team
20. Chair & Guest Speaker
21. Co-Host
22. Training Materials
23. Additional Organisational Support
24. ISOCARP Local Coordinator
25. ISOCARP Programme Committee
26. UPAT VP
27. UPAT VP & Local Coordinator
28. Access & Publish UPAT Workbook
29. Programme Manager
30. Coordination with Local Planners

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OAPA Programs

OAPA Emerging Planners Group Mentorship Program
Join new, experienced, and transitioning planners in sharing and receiving professional knowledge through informal, ongoing partnerships. The Emerging Planners Group (EPG) of the Oregon Chapter of the American Planning Association (APA) is launching a mentorship program intended to:

Support new planners and graduate students in building a professional network and leveraging professional development opportunities.
Foster experienced planners developing professional relationships with emerging planners and other planning practitioners.

The 2016 OAPA EPG Mentorship Program will run from January – June 2016. Applications for Mentors and Mentees are due by November 30th, 2017.

More information at:
http://www.oregonapa.org/mentorship/

PLANNING IS YOUR WORLD...

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Gerd Albers Award for a significant contribution to planning literature and the Students Award.

for Excellence in planning projects, the Routledge Prize for young planning professionals and the ISOCARP recognises excellence through the Society’s award programme, consisting of the Awards Conference.

This grant is awarded to the best poster(s) in the Routledge Poster Exhibition during the Routledge Prize.

The Gerd Albers Award is for best publication by ISOCARP members during the last year. The Gerd Albers Award

sustainability and resilience.

Awards for Excellence

Student Awards

Betty Niven Award for Distinguished Leadership by an Professional Planner

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List of Participants

As of 17 October 2017

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ASHBURY, Patrick Oskigoovana - Eds state of Nigeria - Benin - Nigeria
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ASHWANI, Allen - Hamilton by 1865 - Toronto - Canada
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BACCARDI, Jula - Oregon Solutions - Portland - USA
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BAGGET, Jeff - Greater Oregon - Greater Oregon City-Lowered Council - Happy Valley - USA
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CANNELL, Megan - ODOT - Portland - USA
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From the airport to the hotel
https://isocarp.org/from-the-airport-to-the-hotel/

About Portland
https://www.travelportland.com/

Bikeshare service
https://www.biketownpdx.com/

Weather in Portland

Money matters
ATMs are widespread and will accept most international bank and credit cards. Credit cards may be used at most hotels, restaurants, care hire companies etc.

SIM Cards
Major mobile service providers are Verizon Wireless and AT & T.

Electricity
The electricity supply is 120 volts. Power sockets in the US are of type A & B. For final dinner on 26 October you might want to dress up a bit, however, there are no obligations.
The Chapter's mission is to carry out the objectives of the American Planning Association (APA) and to promote the art and science of planning in Oregon.

The Mission of the Oregon Chapter of the American Planning Association is to:
- Promote the art and science of planning
- Helping planners in professional development
- Advance the practice of planning at all levels of experience
- Emphasize the importance of achieving the final vision or goal over mere procedure
- Protect the legacy of our state's natural environment
- Promote sustainable development objectives through comprehensive planning for economic development, social and environmental objectives
- Foster social and environmental equity, and
- Advocate for every citizen's opportunity to participate.

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. The ISOCARP network brings together individual and institutional members from more than 80 countries worldwide.

The wealth and diversity of professional expertise, knowledge, and experience in the ISOCARP membership is unmatched in the planning field. Although ISOCARP members work in many different fields they share a common interest in the spatial and environmental dimensions of urbanisation. They advise key decision-makers, proposing and supporting projects for intervention in a spatial context through general or specific actions.

ISOCARP encourages the exchange of professional knowledge between planners, promotes the planning profession in all its forms, stimulates and improves planning research, training and education and enhances public awareness and understanding of major planning issues at a global level. The association's main event is the annual ISOCARP Congress, which focuses on a globally-significant planning theme and which takes place in a different country each year.