



ICLEI World Congress 2015

SUSTAINABLE SOLUTIONS FOR AN URBAN FUTURE

8 - 12 April 2015 • Seoul, Republic of Korea



ICLEI
Local
Governments
for Sustainability

ICLEI World Congress 2015

Sustainable Solutions for an Urban Future

Urban Nature 2015 Local Action for Biodiversity and Water



Urban Nature 2015, 11-12 April is a co-event to the ICLEI World Congress 2015, 8-12 April, Seoul, Republic of Korea

Last updated: 4 April 2015

Origins of Urban Nature

Urban Nature is a conference series focused on urban biodiversity. The event is a core aspect and deliverable of the ICLEI Cities Biodiversity Center, coordinators of ICLEI's overarching global biodiversity program, BiodiverCities. It was initiated in 2006 in Cape Town, the host of the World Congress 2006, and the host of the ICLEI Cities Biodiversity Center, and has been repeated at every ICLEI World Congress since.

Objectives

- To provide a platform to share information, showcase good case studies, encourage interactive discussion, and offer inspiration for existing LAB and CBC project cities, as well as others.
- To make the business case and engage cities on the topic of biodiversity and water, and provide incentives to explore the value of integrated approaches to planning and managing water and biodiversity.
- To explore the challenges of managing water and biodiversity in cities, and their needs in terms of support, tools and resources.
- To provide a platform to interact with partners, and to build existing and future partnerships between cities; and with relevant international organisations, such as, Ramsar, UNCCD, SANBI, the private sector, and researchers.

Linking Biodiversity and Water:

Biodiversity and water are inextricably linked, and it is therefore beneficial and more efficient to manage them together in an integrated way. Biodiversity and water underpin the well-being of humankind, and the health of these systems has significant impact on the social and economic success of cities, including for food and water security, climate change adaptation and mitigation and disaster risk reduction. The threats to both biodiversity and water originate from the same root causes, and as their status impacts the other, the threats are reinforced by this co-dependence. Water supports all biodiversity, both aquatic and terrestrial, and the quality and quantity of water influences the health of biodiversity and ecosystems, and therefore the provision of invaluable ecosystem services. Conversely, biodiversity supports water and nutrient cycling, which are essential ecosystem services, as well as others such as water purification, flood management, and water storage and recycling in soils. The sustainable use of water not only contributes to water security, but also to the increased resilience of biodiversity. Biodiversity and water therefore provide essential natural infrastructure to cities, which if managed well is cost-effective, and also contributes to adaptation to climate change. Biodiversity and water are therefore central to sustainable development, and should be taken into account in integrated policy- and decision-making.

Related sessions on Friday 10 April 2015

URBIO Workshop

12:00 – 18:00

In this workshop URBIO (International Network on Urban Biodiversity and Design) and ICLEI Cities Biodiversity Center aim to bring urban biodiversity researchers and local government practitioners together with 2 objectives: i) To discuss the Global Urban Biodiversity Research Agenda, which has been developed with the aim of guiding global research to address local government research needs to improve management of their biodiversity; and ii) To explore and deliberate a mechanism to improve communication between researchers and local government practitioners, both ways. This workshop is open to a maximum of 50 participants on a first-come-first-served basis.

Mobile Workshops

12:00 – 18:00

Explore how Seoul Metropolitan Government achieves its ambitious sustainability goals and environmental targets through over 15 on-site workshop sessions across the city.

- **Seoul Forest:** Opened in 2005 following consultation with residents and expert committees, this former golf course and horse track now houses an insect botanical garden together with a wetlands ecological field, wildflower habitat and a bird observatory.

Program

DAY 1: Setting the scene – water and biodiversity in cities

Saturday, 11 April 2015

Dongdaemun Design Plaza (DDP), Gallery MUN

Opening Plenary (*Facilitator: Honourable Troy Pickard, Mayor, Joondalup, Australia; ICLEI GExComm – Biodiversity portfolio*)

09:00 – 10:00

Welcome (30 min)

Purpose: The Opening Plenary will set the stage for the next two days and welcome participants to Urban Nature 2015. Key partners will offer an official welcome to Urban Nature 2015, as figureheads from organizing bodies (5 min each).

- Monika Zimmermann, Deputy Secretary General, ICLEI – Local Governments for Sustainability
Local governments in the global biodiversity and water agendas
- Honourable Kun Ki Lee, Deputy Mayor, Seoul Metropolitan Government, Republic of Korea
The City of Seoul – water and biodiversity
- Amy Fraenkel, Director, Mainstreaming, Partnerships and Outreach, Secretariat of Convention on Biological Diversity (SCBD)
Biodiversity and water – from local to national
- Prof. Zhang Xinsheng, President, International Union for the Conservation of Nature (IUCN),
Nature's Solutions – using water and biodiversity
- Yolanda Kakabadse, President, World Wide Fund for Nature (WWF)
Highlights from the work of WWF on water and biodiversity

The Global Biodiversity Agenda (25 min)

Purpose: ICLEI Cities Biodiversity Center (CBC) will provide an overview of activities in the global urban biodiversity agenda, including key global decisions, projects and progress.

- Kobie Brand, Global Biodiversity Coordinator, ICLEI Cities Biodiversity Center, ICLEI – Local Governments for Sustainability

Introduction - Biodiversity and water in cities (*Facilitator: Barbara Anton, Coordinator, Sustainable Resources, Climate and Resilience, ICLEI - Local Governments for Sustainability, European Secretariat*)

10:00 – 11:15

Purpose: Key ICLEI Cities Biodiversity Center partners will introduce the key objectives and concepts through an active, creative and stimulating session (10 min each).

- Amy Fraenkel, Director, Mainstreaming, Partnerships and Outreach, Secretariat of Convention on Biological Diversity (SCBD)
Biodiversity and water – a national and global perspective
- Giulio Boccaletti, Global Managing Director, Water, The Nature Conservancy
The urban water blueprint

- Honourable Donald Iveson, Mayor, Edmonton, Canada
Building a great city – the role of ecosystem services
- Dr Cathy Oke, Councillor, Chair Transport Portfolio, Deputy Chair Environment Portfolio, City of Melbourne, Australia
The urban perspective – why water and biodiversity are important for cities.

Coffee & networking break
11:15 – 11:45

Regulating services: *Blue-green infrastructure for city resilience* (*Facilitator: Michael Schmitz, Executive Director, ICLEI – Local Governments for Sustainability USA*)
11:45 – 13:15

Purpose: Exploring the links between biodiversity, water resources, climate change and building resilience in cities, through case studies and examples (10 min each, with 30 min discussion).

- Grant Pearsell, Director, Parks and Biodiversity, Urban Planning and Environment, Sustainable Development, Edmonton, Canada
Recreating urban wetlands for flood control, water quality and biodiversity
- Prof. Wybe Kuitert, Landscape Architecture, Graduate School of Environmental Studies, Seoul National University, Korea
Planning for resilience at landscape scale
- Don-woo, Lee, Official, Water Management Policy Division, Chungcheongnam-do Provincial Government, Republic of Korea, Republic of Korea
Restoration of water systems upstream
- Patricia Sithebe, Divisional Head, Ekurhuleni Metropolitan Municipality (East Rand), South Africa
Managing urban wetlands
- Alice Maria Calado Melges, Biologist and Protected Area Manager, São Paulo, Brazil (TBC)
São Paulo's Atlantic Forest Plan and river system - a green buffer under a changing climate

Lunch
13:15 – 14:15

Provisioning services: *Water for life* (*Facilitator: Sunandan Tiwari, ICLEI South Asia Secretariat, ICLEI – Local Governments for Sustainability*)
14:15 – 15:30

Open also to general World Congress participants, taking place during C session timeslot.
Purpose: Exploring the biodiversity-water-food nexus, through case studies and examples (10 min each, with 30 min discussion).

- Honourable Troy Pickard, Mayor, Joondalup, Australia; ICLEI GExComm – Biodiversity portfolio
Integrated planning for water supply and biodiversity in the city
- Catarina Freitas, Head of Department, Sustainable Environmental Management and Planning, Almada, Portugal

Ecosystem services to boost territorial resilience: combining blue and green adaptation

- Ha, Jae-Ho, Deputy Director, Landscape Division, Seoul Metropolitan Government, Republic of Korea
The development of green roofs in Seoul
- Clebson Ribeiro, Municipal Secretary for the Environment, Sorocaba Municipality, Brazil
Water and food under a changing climate
- Mapambe Intelligent Chauke, Specialist: Environment and Climate Change, South African Local Government Association (SALGA), South Africa
Integrating biodiversity, water and sustainable development with climate change adaptation

Coffee & networking break
15:30 – 16:00

Cultural services: Water – weaving a cultural thread through cities of the world
(Facilitator: Jussara Carvalho, Director, ICLEI South American Secretariat)
16:00 – 17:30

Open also to general World Congress participants, taking place during D session timeslot.

Purpose: Exploring the role of biodiversity and water for social well-being, through case studies and examples (10 min each, with 30 min discussion).

- Stephen Granger, Major Programmes and Projects, Environmental Resource Management, Cape Town, South Africa
An urban river corridor from source to sea
- Romero Pereira, Executive Secretary for the Environment, Recife, Brazil
Rivers, parks and green areas – a cultural resource
- Dr. José Puppim de Oliveira, Senior Research Fellow, United Nations University, Institute for the Advanced Study of Sustainability (UNU-IAS)
Urban health and sustainable cities
- Associate Professor Claire Freeman, Director Planning Programme, Geography Department, University of Otago, Dunedin, New Zealand
Urban biodiversity and water – the impacts on local children
- Gloria Alzate, Environmental Secretary, Medellín Municipality, Colombia
Water for life

Parallel offering: 16:00 – 17:30
WC Sub-Plenary on Water

- Water is the most critical resource for life on Earth. Local governments making a commitment to sustainable development need to contribute to protecting this resource thus ensuring that water in a sufficient quantity and quality is available to satisfy their citizens' needs, the local economy and the natural environment.
- This sub-plenary will strengthen local leadership for sustainable water resources management, and water and sanitation services delivery.

- Participants will convey a key message to the 7th World Water Forum's Local and Regional Authorities Conference, taking place from 13-14 April 2015, in Gyeongju City, Republic of Korea.

DAY 2: Working together: planning for water and biodiversity

Sunday, 12 April 2015

Seoul City Hall, 8th floor, Multi-purpose Room

Biodiversity and water within an urban landscape (*Facilitator: André Mader, Programme Officer, Local Authorities and Biodiversity, Secretariat of the Convention on Biological Diversity (SCBD), United Nations Environment Programme, Canada*)

09:00 – 11:00

Purpose: Introducing the landscape approach from a city perspective, through case studies, examples and targeted problem-solving.

- Prof. Yu Xinxiao, Deputy Secretary General, Beijing Forestry Society; Partnership for Megacities and Watershed Protection (PMWP) (10 min)
Biodiversity and water in the landscape approach
- Roland White, Lead Urban Specialist, African Region, The World Bank (10 min)
Green urban development in Africa – an ecosystem services valuation study for planning

This session will involve speed presentations of 7 min each, followed by the opportunity for the audience to engage with each in more detail – each speaker will have a corner of the room with whiteboard/poster and the delegates will have the opportunity to engage with 3 of the 4 presenters (20 min x 3 = 60 min).

- Grant Pearsell, Director, Parks and Biodiversity, Urban Planning and Environment, Sustainable Development, Edmonton, Canada
Emerald Crescent Parkway – incorporating urban wetlands into a new development
- Dr Cathy Oke, Councillor, Chair Transport Portfolio, Deputy Chair Environment Portfolio, City of Melbourne, Australia
Contemporary participation based approaches to managing the urban landscape
- Stephen Granger, Major Programmes and Projects, Environmental Resource Management, Cape Town, South Africa
Partnerships around an urban river corridor
- Attorney Leticia Clemente, City Budget Officer and Designate Investment Officer, Baguio, Philippines
Transboundary water management

Coffee & networking break

11:00 – 11:30

Planning for biodiversity and water within a landscape (*Facilitator: David Maddox, Founder & Editor-in-Chief, The Nature of Cities*)

11:30 – 13:00

Purpose: Discussion panel with planners, utilities departments, biodiversity and water experts on an integrated approach within municipal planning, with some practical planning examples and approaches. We will provide guidance and questions for the panelists to answer in an interactive and dynamic discussion, including opening up the discussion to the audience as well.

- Dr. José Puppim de Oliveira, Senior Research Fellow, United Nations University, Institute for the Advanced Study of Sustainability (UNU-IAS)
- Dr. Marc Wolfram, Associate Professor, Urban Sustainability Transitions Lab, Dept. of Urban Planning and Engineering, Yonsei University, Korea.
- Prof. Wybe Kuitert, Landscape Architecture, Graduate School of Environmental Studies, Seoul National University, Korea
- Dr. Shim Suk Kyung, Biodiversity Officer, ICLEI Korea Office, ICLEI – Local Governments for Sustainability
- Sameh Naguib Wahba, Practice Manager, Urban and Disaster Risk Management, Africa, The World Bank Group, Washington, USA
- Joram Mkosana, Director, Nelson Mandela Bay Metropolitan Municipality

Lunch
13:00 – 14:00

Leadership - biodiversity and water in cities (*Facilitator: André Mader, Secretariat of the Convention on Biological Diversity*)
14:00 – 15:00

Purpose: To showcase cities leading the way for good biodiversity and water management and sharing good practices through a roundtable discussion of Mayors, Councillors and other high-level decision-makers. Questions will be shared with the participants to prepare, and there will be some time for audience questions and discussion.

- Honourable Troy Pickard, Mayor, Joondalup, Australia; ICLEI GExComm – BiodiverCities Portfolio
- Honourable James Nxumalo, Mayor, eThekweni, South Africa
- Honourable Jong-Geel Je, Mayor, Ansan City, Republic of Korea
- Cllr Johannes vd Merwe, Mayoral Committee Member: Energy, Environmental & Spatial Planning, Cape Town, South Africa
- Honourable Soonsun Lee, Governor, Inje County, Republic of Korea
- Honourable Martin Moyo, Mayor, Bulawayo, Zimbabwe (TBC)

Signing ceremony: Durban Commitment – Local Governments for Biodiversity (*Facilitators: David Cadman, President, ICLEI – Local Governments for Sustainability; & Honourable James Nxumalo, Mayor, eThekweni, South Africa*)

15:00 – 15:30

Signatories:

- Honourable Je, Jong-Geel, Mayor, City of Ansan, Republic of Korea
- Honourable Yoo, Young-rok, Mayor, Gimpo City, Republic of Korea
- Honourable Lee, Jae Joon, Deputy Mayor, Suwon City, Republic of Korea
- Honourable Lee, Soon-sun, Mayor, Inje County, Republic of Korea
- Honourable Benson Fihla, Mayor, Nelson Mandela Bay Metropolitan Municipality, South Africa

Closing: (*Facilitator:* Kobie Brand, Global Biodiversity Coordinator, ICLEI Cities Biodiversity Center, ICLEI – Local Governments for Sustainability)

15:30 – 15:45

Purpose: To close the Urban Nature Congress, summarise primary outcomes and outline the way forward in to the future.

- Honourable Troy Pickard, Mayor, Joondalup, Australia; ICLEI GExComm – BiodiverCities Portfolio

Coffee and farewell

15:45 – 16:15

Further information:

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