



# Resilient Cities 2011



Foto: Presseamt Bundesstadt Bonn

## 2nd World Congress on Cities and Adaptation to Climate Change

### Program

Bonn, Germany  
3-5 June 2011

With the co-patronage of

Joan Clos, Under Secretary General and Executive Director, United Nations Human Settlements Programme (UN-Habitat); Chair, Resilient Cities 2011 Steering Board

Helen Clark, Administrator, United Nations Development Programme (UNDP)

**NACHHALTIGKEIT.  
SUSTAINABILITY.  
DURABILITÉ.  
BONN.**





Events of recent months have demonstrated that climate impacts are already hitting communities worldwide. Several cities, including ICLEI member cities, have suffered considerable human and economic losses. While some communities will take years to return to their normal activities, others have already bounced back. In these rebound situations, *resilience* is the key word.

Since 2010, with Resilient Cities, ICLEI has fulfilled a growing need: to bring together in a single place the knowledge, the experience, and the solutions required by local governments and their partners to adapt to climate change.

With your participation and a unique stakeholder platform of over 30 organizations, Resilient Cities will become the place where local governments will find the inspiration and means to anticipate changes and prepare their communities to cope with a historic challenge.

*David Cadman*  
*President, ICLEI*



A warm welcome to Bonn, Germany's United Nations City, and welcome to Resilient Cities 2011. On the threshold of the Subsidiary Bodies to the UN Climate Convention, the second edition of this leading platform on cities and climate adaptation brings together mayors, city leaders and experts from all over the world! Already in 2010, mayors from five continents postulated their need of multilevel cooperation and a new design of international funding strategies. Now we will again listen to the voices of cities worldwide. And like in 2010, we will be able to reach out to national delegations within an official side event on the first day of the UN Subsidiary Bodies meeting.

As Mayor of Bonn and Vice Chair of the World Mayors Council on Climate Change, I count on the expertise and experience of the local level to adapt to climate change. And I am particularly happy that so many African and Asian cities will be part of the dialogue this year and will share their knowledge with us.

Bonn has been a partner of ICLEI from the beginning and it is our common hope that Resilient Cities 2011 will help to find ways to advance both financing and implementing the good concepts in cities worldwide. I am looking forward to fruitful debates with you and to hearing about your inspiring ideas for successful climate adaptation!

*Jürgen Nimptsch*  
*Mayor, City of Bonn; Vice Chair, WMCCC*



The Cancun Agreements were a relative success. Progress was made not only in advancing commitments to the Green Climate Fund and to an Adaptation Framework, but also in recognizing local governments as governmental stakeholders in the UNFCCC process. Still, more commitments are needed to have a chance to keep the global average temperatures under the 2°C threshold.

In the meantime, climate impacts are already being felt worldwide. Many local leaders, because they are directly accountable to their communities, have already taken action to embark on a low-carbon and resilient path. To make sure these efforts are recognized, world cities signed the Mexico City Pact in November 2010 cementing the ambition of the 2010 Bonn Declaration of Mayors and committing to report their climate actions globally in a measurable, reportable and verifiable (MRV) way.

On this solid basis, Resilient Cities 2011 and its Mayors Adaptation Forum provide a great opportunity to go even further by giving flesh to the concept of inverted finance mechanisms for urban sustainability and resilience. We can all be excited to discuss in Bonn the ideas assembled in ICLEI's White Paper "Financing the Resilient City", which makes a groundbreaking contribution on the road to Durban and the COP17.

*Marcelo Ebrard*  
*Mayor, Mexico City; Chair, WMCCC*

Preparing for the impacts of climate change on the world's cities is a major challenge of the 21st century. It will be those living in poverty, especially in the developing countries, who will suffer most in any climate crisis.

It is heartening that local leaders are beginning to find solutions. Cities are assessing which communities, places and sectors are most vulnerable. They are investing in climate proofing their infrastructure networks. They are integrating adaptation action in urban planning initiatives and municipal finance scenarios.

We salute the Resilient Cities congress and commend ICLEI for taking the lead in forging the partnership of organizations supporting the congress.

Local officials and leaders often learn best from one another, and this congress is a golden opportunity. The congress also offers an ideal opportunity to forge a common position from which to lobby for a fair share of the adaptation resources pledged – resources cities so desperately need to become more resilient.

UN-Habitat is honoured to serve on the Program Committee of the Resilient Cities congress, and I am pleased to serve as a Patron of the congress.

I wish the distinguished delegates in the Resilient Cities congresses every success with their deliberations.

*Dr. Joan Clos  
Under Secretary General and Executive  
Director, UN-Habitat; Congress Patron*

Welcome to the second world congress on urban resilience and cities' adaptation to climate change!

Resilient Cities has been successfully established as the global forum for climate change adaptation and resilience-building in cities and towns. Its second edition, Resilient Cities 2011, will once again provide a platform for cities and local governments, urban planners, national governments and multilateral organizations, finance institutions, science and research organizations, infrastructure solution providers and development organizations to share, learn, and exchange on challenges, approaches, solutions and experiences.

For the coming decades, making our cities and towns resilient to the effects of climate change will be a key challenge for human societies and economies across the globe. Building resilience to climate change cannot reasonably be decoupled from achieving resilience to natural and industrial disasters. Moreover, the task is to work on urban resilience as a more general concept.

Resilient Cities 2011 will see a continuation from the discussions of 2010. For example ICLEI's White Paper "Financing the Resilient City" will be launched at a high-level panel in response to a mandate given at Resilient Cities 2010 to further investigate the concept of finance „inversion“. This report proposes a framework for matching bottom-up resilience demand with locally responsive finance supply.

Resilient Cities 2011 will see a great diversity of activity including four plenaries, three thought-provoking Strategy Dialogues, four Reality Check workshops each focusing on one city over a half-day session, eight City-in-Focus sessions, 25 theme sessions, among many others. It will also host the two-day Mayors Adaptation Forum convened by the World Mayors Council on Climate Change. Other partners have chosen Resilient Cities 2011 as the place to sign agreements, announce initiatives and events, and launch reports and tools.

Organized back-to-back with the UNFCCC June talks, the Resilient Cities congress will reach out to the global climate community through the voice of the Mayors Adaptation Forum.

Thank you for being part of it!

*Konrad Otto-Zimmermann  
Secretary General, ICLEI; Congress Chair*







## Resilient Cities 2011 main features

- Keynote presentations
- 2-day Mayors Adaptation Forum
- 3 Strategy dialogues on key aspects of climate adaptation and resilience
- 4 Reality Check Workshops: Adaptation on the Ground
- 8 City-in-Focus sessions
- 25 theme sessions with panels and presentations
- Young Researchers' Forum and poster sessions
- 5 pre- and 2 post-events
- Networking evening and screening session
- Exhibition area featuring agreements' signing, reports launching and much more

## Patronage

- *Joan Clos, Under Secretary General, Executive Director, UN-Habitat*
- *Helen Clark, Administrator, UNDP*

## Steering Board

Leading representatives of renowned organizations and local governments have agreed to be part of the Steering Board for Resilient Cities 2011!

Guided by their expertise and field experience of strategic relevance, the Congress Committee for Resilient Cities 2011 has delivered a provocative and inspirational program.

- *Chair: Joan Clos, Under Secretary General, Executive Director, UN-Habitat*
- *Monique Barbut, Chief Executive Officer, Global Environment Facility (GEF)*
- *David Cadman, Councilor, City of Vancouver, Canada; ICLEI President*
- *Marcelo Ebrard, Mayor, Mexico City, Mexico; Chair, World Mayors Council on Climate Change*
- *Jürgen Nimptsch, Mayor, City of Bonn, Germany; Vice-Chair, World Mayors Council on Climate Change*
- *Achim Steiner, Executive Director, United Nations Environment Programme (UNEP)*
- *Kadir Topbas, Mayor, Metropolitan Istanbul, Turkey; President, United Cities and Local Governments (UCLG)*
- *Veerle Vandeweerd, Director, Environment and Energy Group, Bureau for Development Policy, United Nations Development Programme (UNDP)*
- *Margareta Wahlström, Special Representative of the Secretary General for Disaster Risk Reduction, United Nations International Strategy for Disaster Reduction (UNISDR)*

## Program Committee

The Program Committee for the Resilient Cities 2011 congress is composed of experts from partner organizations centrally involved in the theme of climate change adaptation and local governments from various continents.

Program Committee members provide advice on congress themes and proposed presentations, and have an advisory role in the review process of the Call for Contributions.

- *Chair: Konrad Otto-Zimmermann, Secretary General, ICLEI - Local Governments for Sustainability*
- *Joern Birkmann, Head of Section, Vulnerability Assessment, Risk Management and Adaptive Planning, United Nations University - Institute for Environment and Human Security*
- *Jeb Brugmann, Managing Partner, The Next Practice ; Founder of ICLEI and member of the ICLEI Advisory Board*
- *Martha Delgado Peralta, Minister of the Environment, Mexico City, Mexico*
- *David Dodman, Senior Researcher, International Institute for Environment and Development (IIED)*
- *Mikaela Engert, City Planner, City of Keene, USA*
- *Pan Jiahua, Director, Institute for Urban and Environmental Studies*
- *Abha Joshi Ghani, Manager, Urban Development and Local Government Unit, World Bank*
- *Arab Hoballah, Chief, Sustainable Consumption and Production Branch, United Nations Environment Programme (UNEP)*
- *Alex Nickson, Climate Change Adaptation Strategy Manager, Greater London Authority, UK*
- *Gregg Oelofse, Head of Environmental Strategy and Policy, City of Cape Town, South Africa*
- *Andreas Rechkemmer, Chief Science and Policy Advisor, Global Risk Forum (GRF)*
- *Violeta Seva, Senior Advisor, Makati City, Philippines*
- *Anthony Socci, Senior Advisor on Climate and Energy, U.S. Environmental Protection Agency*
- *Raf Tuts, Chief, Urban Environmental Planning Branch, UN-Habitat*
- *Thorsten Schlurmann, Scientific Advisory Committee Member, DKKV - German Committee for Disaster Reduction*
- *Helena Molin Valdés, Acting Director, United Nations International Strategy for Disaster Reduction (UNISDR)*
- *Carlos Villacis, Global Risk Identification Programme (GRIP) Coordinator, United Nations Development Programme (UNDP)*

# PROGRAM

## Thursday, 2 June 2011

### Pre-events

Gustav-Stresemann-Institut

#### Local HFA monitoring tool workshop (open to interested city representatives)

S18

Organizers: ICLEI – Local Governments for Sustainability and UNISDR

#### Building capacity on urban resilience in universities

Organizers: UNU and UN-Habitat

#### Integrating climate change in the city development strategies (expert meeting)

Organizers: UN-Habitat in collaboration with the World Bank and UNEP

#### A European perspective for regional and urban adaptation & resilience strategies (closed meeting)

Organizers: ICLEI European Secretariat, European Commission's DG CLIMA

## Friday, 3 June 2011

08:00

Registration opens

### 10:00 – 12:30 Welcome & Strategy keynotes

Plenary room

#### Welcome and congress opening

**Chair:** *Konrad Otto-Zimmermann*, Secretary General, ICLEI - Local Governments for Sustainability; Resilient Cities 2011 Congress Chair

- *David Cadman*, Councilor, City of Vancouver, Canada; ICLEI President
- *Jürgen Nimptsch*, Mayor, City of Bonn, Germany; Vice Chair, World Mayors Council on Climate Change (WMCCC)
- *Dr. Hans-Ulrich Krüger*, Secretary of State, Ministry of Domestic and Municipal Affairs, State of North Rhine-Westphalia, Germany
- *Dr. Helge Wendenburg*, Director-General, Water, Waste Management and Soil Protection, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, Germany
- *Joan Clos*, Under Secretary General and Executive Director, UN-Habitat; Resilient Cities 2011 Congress Patron
- *Margareta Wahlström*, Special Representative of the Secretary General for Disaster Risk Reduction, United Nations International Strategy for Disaster Reduction (UNISDR), Switzerland

#### Strategy keynotes

##### Understanding the scientific data: Projections and impacts

- *Professor Juergen Kropp*, Head of the North-South Research Group, Postdam Institute of Climate Change, Postdam, Germany

##### Resilience: Shifting the debate from risk to opportunity

- *Jeb Brugmann*, Managing Partner, The Next Practice, Canada

##### Making cities more resilient through innovative risk management

- *Michel Liès*, Chairman Global Partnerships, Member of Executive Board, Swiss Reinsurance Company Ltd., Switzerland

##### Addressing urban resilience: A status overview

- *Konrad Otto-Zimmermann*, Secretary General, ICLEI - Local Governments for Sustainability; Resilient Cities 2011 Congress Chair

### 12:30 – 13:30 Lunch

Lunch will be provided to all registered congress participants at the venue. Please remember to bring your lunch vouchers with you.

Y1

S34-35

#### Young Researchers' Forum

##### Scientific market place (introduction and discussion)

Facilitator: *Vilma Hossini*, Educational Officer a. i., United Nations University  
Organized by: *UNU-EHS*

13:30 – 14:30 **Poster session**

## Exhibition area

**Tools****Assessing social vulnerability and resilience of urban populations in Africa**

- *Anna Kunath*, Researcher, Helmholtz Centre for Environmental Research (UFZ), Germany

**Climate adaptation Santiago: Socio-spatial hazard assessment**

- *Kerstin Krellenberg*, Researcher, Helmholtz Centre for Environmental Research (UFZ), Germany

**Quality Habitat Index**

- *Rahul Singh*, Student of Mathematics and Statistics, IIT Kanpur, India

**Water and energy****Research on flood resilient communities: Overview of the Era-Net Cru funding initiative**

- *Annegret Thieken*, Director, Climate Service Center, HZG, Germany

**Governance arrangements for climate adaptation and the scope for public and/or private involvement**

- *Yat Ting Flora Lim*, Master Student, Master of Environmental Studies and Sustainability Sciences, Lund University, Sweden

**Resilient urban habitat: Towards decentralized and integrated resource management concepts in Berlin**

- *Lorenzo Chelleri*, Researcher, UAB University, Barcelona, Spain

**Green****infrastructure****Greening in modules: A challenge for resilient cities**

- *Sven Benthin*, Tutor, Project Laboratory Greening in Modules, Technische Universität, Berlin, Germany

**Potential of urban riparian green and open spaces in adapting Santiago de Chile to climate change**

- *Alexis Vásquez*, Lecturer, University of Chile, Santiago, Chile

**Combined insights****Raanana: Strategic plan for a sustainable city**

- *Ronit Davidovich-Marton*, Director, D.M.R Planning & Development, Israel

**TURaS: Transitioning to urban resilience and sustainability**

- *Marcus Collier*, Researcher, University College Dublin, Ireland

**How do we ensure linkage between climate change adaptation and disaster risk reduction?**

- *Kenshi Baba*, Researcher, Central Research Institute of Electric Power Industry, Japan

**CapHaz-Net: Social capacity building for natural hazards: Towards more resilient cities**

- *Chloe Begg*, Research Assistant, Helmholtz Centre for Environmental Research, Germany

**Integrated natural hazards management for railway infrastructure adaptation: Relevance to urban areas**

- *Christian Kamburrow*, IZT Institute for Futures Studies and Technology Assessment, Germany

**Meeting the climate change challenge: A task for multi-level governance?**

- *Jackie McGloughlin*, PhD Researcher, National University of Ireland Maynooth, Ireland

**Finding new patterns to design sustainable cities by using traditional urban patterns**

- *Faris Hameed*, University Professor, The International University for Science and Technology, IUST Syria

The poster presenters will be available for your comments and questions

14:30 – 16:00 **Parallel session****A1**

S27-28

**Tools for adaptive urban governance****Panel**

**Facilitator:** *Matthias Garschagen*, Research Associate, UNU-EHS, Germany

**Panelists:**

- *Cynthia Rosenzweig*, Senior Research Scientist, NASA Goddard Institute for Space Studies, USA
- *Soraya Smaoun*, Programme Manager, Urban Environment, UNEP, France
- *Violeta Seva*, Senior Advisor, Makati City, Philippines; Secretary General, Earthquakes and Megacities Initiative (EMI)
- *Bernhard Heinrichs*, President, Academy of Spatial Research and Planning, Germany
- *Jörn Birkmann*, Head of Section, United Nations University, Institute for Environment and Human Security, Germany

Organized by: UNU-EHS

**A2**

S34-35

**Assessing vulnerability****Speed panel**

**Facilitator:** *Melissa Stults*, Climate Director, ICLEI USA

**Panelists:**

- *Zach Ferdana*, Senior Marine Conservation Planner, The Nature Conservancy, USA
- *Sonja Schlipf*, Academic Collaborator, HafenCity University (HCU), Hamburg, Germany
- *Bam Razafindrabe*, Senior Project Researcher, Research Institute for Humanity and Nature, Japan
- *Florence Crick*, Research Fellow, Griffith University, Australia
- *Tommy Firman*, Professor, Institute of Technology, Bandung, Indonesia
- *Stephen Flood*, PhD Researcher, NUI Maynooth, Ireland
- *Stéphane Hallegatte*, Lead Climate Change Specialist, World Bank and Meteo-France

**A3**

S29-31

**Building resilience in Asian cities****Panel**

**Facilitator:** *Debra Roberts*, Deputy Head, Environmental Planning and Climate Protection, City of Durban, South Africa

**Panelists:**

- *Bach Sinh*, Director, NISTPASS, Vietnam
- *G. K. Bhat*, Director, TARU Leading Edge, India
- *Steve Gawler*, Director, International Programs, ICLEI Oceania Secretariat
- *Marcus Moench*, Director, ISET, USA

Organized by: Rockefeller Foundation and ICLEI Oceania Secretariat

**A4**

S25-26

**Urban agriculture, climate change and food security: Responses in northern and southern cities****Panel**

**Facilitator:** *Marielle Dubbelling*, Global Coordinator, Resource Centres on Urban Agriculture and Food Security (RUAF), Netherlands

**Panelists:**

- *Jon Padgham*, Programme Director, Global Change SysTem for Analysis, Research and Training (START), USA
- *Andrea Rau*, Scientific Assistant, Technische Universität, Berlin, Germany
- *Roger Quiroga*, Disaster Risk Reduction and Adaptation Coordinator, OXFAM International, La Paz, Bolivia

Organized by: RUAF and START

**A5**

S30-32

**Cities in focus I: Building resilience through adaptation planning***Presentations*

**Facilitator:** *Allison Ashcroft*, Senior Environmental Planner, City of Victoria, Canada

**A science-policy approach towards local adaptation planning? The case of Santiago de Chile**

- *Kerstin Krellenberg*, Researcher, Helmholtz Centre for Environmental Research (UFZ), Germany

**Adapting cities to climate change: Scenarios for urban neighborhoods in the City of Essen**

- *Alexander Schmidt*, Professor, Institute of City Planning and Urban Design, University of Duisburg-Essen, Germany

**Implementing urban sustainable redevelopment in Sao Paulo, Brazil**

- *Carlos Leite*, Professor, Mackenzie Presbyterian University School of Architecture and Planning, Brazil

**Building resilient cities in Eastern Europe: The GEO-Cities process in Tbilisi and Tirana**

- *Nora Mzavandze*, Consultant, UNEP GEO Collaborating Center, Central European University, Hungary

**A6**

S17-18

**Reality Check: Ho Chi Minh City, Vietnam Adaptation on the Ground***Workshop - Part 1*

**Facilitator:** *Jeb Brugmann*, Managing Partner, The Next Practice, Canada

**Panelists:**

- *Nguyen Van Phuoc*, Deputy Director of the Department of Natural Resources and Environment (DONRE), Head of Environmental Management, Ho Chi Minh City
- *Le Minh Tam*, Expert, Solid Waste Management Office (DONRE), Ho Chi Minh City
- *Bao Thanh*, Director of Sub-Institute of Hydrometeorology and Environment of South Vietnam, Ministry of Natural Resources and Environment, Ho Chi Minh City
- *Ly Khanh Tam Thao*, Vice Chief, Division of General Planning Management, Department of Planning and Architecture (DPA), Ho Chi Minh City
- *Thuan Anh Nguyen*, Head of Research and Training Division, Architectural Research Center, Department of Planning and Architecture, Ho Chi Minh City
- *Harry Storch*, Senior Researcher, Megacity Research Project, University of Cottbus, Germany,
- *Ulrike Schinkel*, Research Associate, Megacity Research Project, University of Cottbus, Germany

*Organized in cooperation with: Megacity Research Project: HCMC (Future Megacities) of the BTU Cottbus, funded by BMBF*

**16:00 – 16:30 Coffee break****Exhibition area****Signing ceremony: Memorandum of Understanding between ICLEI and Global Risk Forum****Announcement of EcoMobility Changwon 2011, World Congress on Mobility for the Future of Sustainable Cities****16:30 – 18:00 Parallel sessions****B1**

S27-28

**Tools and implementation***Presentations*

**Facilitator:** *Jon Bolduc*, Environmental Planner, City of Cambridge, USA

**ICLEI adaptation tools: Examples from USA, Canada and Africa**

- *Melissa Stults*, Climate Director, ICLEI USA
- *Ewa Jackson*, Manager, ICLEI Canada
- *Lucinda Fairhurst*, Adaptation Coordinator, ICLEI Africa Secretariat

**Local HFA online monitoring tools to reduce disasters**

- *Helena Molin Valdés*, Acting Director, UNISDR, Switzerland

**Resilient Sheffield: Assessing key vulnerabilities and opportunities using a system based approach**

- *Bernd Hoermann*, Sustainable Development Officer, Sheffield City Council, UK
- *Rachel Sandham*, Consultant, Ove Arup and Partners, UK

**B2**

S29-31

**Adapting cities to climate change and the urban poor: Experiences of the German Development Cooperation in Bangladesh***Panel*

**Facilitator:** *Alexander Jachnow*, Principal Advisor, Good Urban Governance Project, GIZ, Bangladesh

**Panelists:**

- *Shamim Haque*, Professor, Urban and Rural Planning, Khulna University, Bangladesh
- *Peter Rooney*, Senior Engineer, KfW Development Bank, Germany
- *NN*, City of Khulna, Bangladesh
- *Mehedi Ahsan*, Urban Development Expert, Good Urban Governance Project, GIZ, Bangladesh
- *Franz Marré*, Head of Section, Water, Energy, Urban Development, Geo Science, BMZ, Germany

*Organized by: German Federal Ministry for Economic Cooperation and Development (BMZ)*

**B3**

S25-26

**Multi-level governance: Knowledge and information for resilient cities***Panel*

**Facilitators:** *Birgit Georgi*, Project Manager Urban Issues, European Environment Agency, Denmark; *Holger Robrecht*, Director, Sustainability Management, ICLEI European Secretariat

**Panelists:**

- *Rosario Bento*, Head of Unit, Adaptation, Directorate General for Climate Action (DG CLIMA), European Commission
- *Sandy Taylor*, Head of Climate Change & Sustainability, City of Birmingham, UK
- *Maria José Festas*, Senior Advisor, Directorate General for Spatial Planning and Urban Development, City of Lisbon, Portugal
- *Stéphane Hallegatte*, Lead Climate Change Specialist, World Bank and Meteo-France
- *Gayle Donagoglu*, Vice President, Congress of Local and Regional Authorities, Council of Europe, Belgium
- *Hartmut Fuenfgeld*, Research Fellow, Climate Change Adaptation Program, RMIT University, Australia
- *Aleksandra Kazmierczak*, Research Associate, University of Manchester, UK

*Organized by: EEA and ICLEI European Secretariat*



**B4**

S34-35

**Building sustainable action plans in mid-size Latin American cities***Panel*

**Facilitator and introduction:** *Carlos Villacis*, Global Risk Identification Programme (GRIP) Coordinator, United Nations Development Programme (UNDP), Switzerland

**Panelists:**

- *David Wilk*, Unit Chief, a.i., Sustainable Energy and Climate Change Unit, Inter-American Development Bank, USA
- *Mercedes López*, Advisor to the Mayor, City of Trujillo, Peru
- *Gabriella Feola*, Coordinator, Intersectoral Climate Change Group; Director, Environmental Quality Laboratory Services, City of Montevideo, Uruguay

*Organized by: Inter-American Development Bank*

**B5**

S30-32

**Cities in Focus II: Vulnerability Assessment in Action***Presentations*

**Facilitator:** *Gary Penway*, Deputy Director, Community Development Department, City of North Vancouver, Canada

**Vulnerability and climate change adaptation for the City of Johannesburg**

- *Linda Phalatse*, Deputy Director, Climate Change, City of Johannesburg, South Africa

**Beyond the storm: Risk-based process and tool to enable better management of climate adaptation risks**

- *Vesna Stevanovic-Briatico*, Transportation Coordinator, City of Toronto, Canada

**Mapping risk and vulnerability in Sao Paulo Metropolitan Region**

- *Andrea Young*, Researcher, UNICAMP, Brazil

**Applying a climate disaster resilience index to enhance planning decisions in Chennai, India**

- *Jonas Joerin*, Doctoral Student, Kyoto University, Graduate School of Global Environmental Studies, Japan

**Vulnerability assessment in Latin American cities focusing on the cases of Cartagena and Quito**

- *Patricia Leon*, Regional Officer (Caribbean and Colombia), Climate and Development Knowledge Network (CDKN)

**B6**

S17-18

**Reality Check: Ho Chi Minh City, Vietnam****Adaptation on the Ground***Workshop - Part 2*

**Facilitator:** *Jeb Brugmann*, Managing Partner, The Next Practice, Canada

**Panelists:**

- *Nguyen Van Phuoc*, Deputy Director of the Department of Natural Resources and Environment (DONRE), Head of Environmental Management, Ho Chi Minh City
- *Le Minh Tam*, Expert, Solid Waste Management Office (DONRE), Ho Chi Minh City
- *Bao Thanh*, Director of Sub-Institute of Hydrometeorology and Environment of South Vietnam, Ministry of Natural Resources and Environment, Ho Chi Minh City
- *Ly Khanh Tam Thao*, Vice Chief, Division of General Planning Management, Department of Planning and Architecture (DPA), Ho Chi Minh City
- *Thuan Anh Nguyen*, Head of Research and Training division, Architectural Research Center, Department of Planning and Architecture, Ho Chi Minh City
- *Harry Storch*, Senior Researcher, Megacity Research Project, University of Cottbus, Germany
- *Ulrike Schinkel*, Research Associate, Megacity Research Project, University of Cottbus, Germany

*Organized in cooperation with: Megacity Research Project: HCMC (Future Megacities) of the BTU Cottbus, funded by BMBF*

**18:00 Special session**

S34-35

**Launch of the Inter-American Development Bank's Emerging and Sustainable Cities platform**

*Cheese and wine will be served at the end of the launch*

**19:30 Reception buffet****Hosted by the City of Bonn**

**Location: Zoological Research Museum Alexander Koenig, Adenauerallee 160, Bonn**

*Tram stop **Museum König** on tram lines 16, 63 and 66 (15 minutes from the congress venue)*

*Transfer from the congress venue by tram will be organized starting at 19:00 with the meeting point at the registration desk*



Saturday, 4 June 2011

## 9:00 – 10:30 Parallel sessions

**C1**

S29-31

**Strategy dialogue****Urban design for resilience: Water, energy and food security in the urban system***Panel*

**Facilitator:** *Felix Dodds*, Executive Director, Stakeholder Forum, UK

**Panelists:**

- *Uschi Eid*, Co-Chair Bonn 2011 Process, Vice Chair, Secretary General's Advisory Board on Water and Sanitation (UNSGAB), Germany
- *NN*, German Federal Ministry for Economic Cooperation and Development, Germany
- *Julia Marton-Lefevre*, Director General, IUCN, Switzerland
- *Martha Delgado*, Minister for the Environment, Mexico City, Mexico; ICLEI Vice President
- *Carol Howe*, Project Manager, SWITCH; Leader of the IWA Cities of the Future Transitioning Group, Netherlands
- *Jeb Brugmann*, Managing Partner, The Next Practice, Canada
- *Zafar Alam*, Director, Department of Environment, Ministry of Environment and Forest, Bangladesh

*Organized in cooperation with: German Federal Ministries for Economic Cooperation and Development and for the Environment, Nature Conservation and Nuclear Safety.*

*This panel is organized as a contribution to the preparatory process of the international conference "The Water, Energy and Food Security Nexus: Water resources in the green economy", being hosted in Bonn in November 2011. This conference will be a part of the German Ministry's efforts toward Rio+20.*

**C2**

S27-28

**Mainstreaming adaptation and resilience planning***Presentation*

**Facilitator:** *Anthony Socci*, Senior Advisor on Climate and Energy, Office of Global Affairs and Policy, Office of International and Tribal Affairs, U.S. Environmental Protection Agency, USA

**Incorporating an integrated climate action planning into Indonesian cities operations**

*Purnomo Sidi*, Senior Advisor, PAKLIM – GIZ, Indonesia

**Increasing preparedness for local acting on emergencies resulting from the climate change impacts: Case from Slovakia**

- *Ladislav Hegyi*, Head of the Environmental Governance Program, Carpathian Development Institute, Slovakia

**Combining urban development with climate change adaptation using a systems approach**

- *Christian Walloth*, Doctoral Student, University Duisburg-Essen, Germany

**Urban planning as a policy instrument for climate change adaptation: A comparative analysis of selected cities**

- *Lai-Choo Malone-Lee*, Director, Centre for Sustainable Asian Cities, School of Design and Environment, National University of Singapore, Singapore

**Sustainable perspective for understanding climate change adaptation in Dhaka City of Bangladesh**

- *Ronju Ahammad*, Mission Expert, Community Development Associate, Community Based Adaptation to Climate Change through Coastal Afforestation Project, UNDP, Bangladesh

**C3**

S34-35

**Resilience to climate change: National and state-level legislation and local government response***Panel*

**Facilitator:** *Robert Kehew*, Human Settlements Advisor, UN-Habitat, Kenya

- *Manny Gotis*, Head, Bureau of Local Government Development, Department of Interior and Local Government (DILG), Government of the Philippines
- *Alejandro Callejas*, Sub-Secretary, Secretariat of Environment, Housing and Natural History of the State of Chiapas, Mexico
- *Mthobeli Kolisa*, Executive Director, Municipal Infrastructure and Services, South African Local Government Association (SALGA), South Africa
- *Gotelind Alber*, Head, Sustainable Energy and Climate Policy, Germany

*Organized by: UN-Habitat*

**C4**

S30-32

**Cities in Focus III: Green infrastructure for urban resilience***Presentation*

**Facilitator:** Jason Hartke, Vice President, National Policy, U.S. Green Building Council, USA

**The Green Infrastructure Transect: An organizational framework for mainstreaming adaptation planning policies**

- *Yaser Abunnasr*, Visiting Assistant Professor, American University of Beirut, Lebanon

**Changwon climate change action project**

- *Mi-kyung Moon*, Policy Advisor Secretary, Environmental Policy Department, City of Changwon, South Korea

**Bridging the gaps: The role of an NGO in the process of building urban resilience in Brazil**

- *Cecilia Herzog*, President, Inverde - Instituto de Estudos, Pesquisas e Projetos em Infraestrutura Verde e Ecologia Urbana, Brazil

**Development of a climate proof water system for the new quarter De Vloei (City of Ieper, Belgium)**

- *Tine Ostijn*, Consultant Arcadis Belgium, Belgium

**C5**

S17-18

**Reality Check: Lagos State, Nigeria  
Adaptation on the Ground***Workshop - Part 1*

**Facilitator:** *Shagun Mehrotra*, Managing Director of Climate and Cities, Columbia University, USA

**Panelists:**

- *Muiz A. Banire*, Hon Commissioner, Lagos State Ministry of the Environment
- *Olusegun Oniru*, Hon Commissioner for Waterfront Infrastructure, Lagos State Ministry of the Environment
- *Maximus Ugwuoke*, Head, Climate Change Adaptation, Lagos State Ministry of the Environment
- *Damilola Ogunbiyi*, Senior Special Assistant to Governor on PPP, Lagos State PPP Office
- *Hakeem Ogunbambi*, Director, Drainage Department, Lagos State Ministry of the Environment
- *Olubori Olubodun*, Deputy Director, Waste Management Operations, Lagos State Waste Management Authority
- *Ismaila Akorode*, Waste Manager, Lagos State Waste Management Authority
- *Adeboye Ajibola*, Waste Manager, Lagos State Waste Management Authority
- *Oluremi Williams*, Geologist, Lagos State Ministry of the Environment

**10:30 – 11:00 Coffee break****Exhibition area****Launch of the Switch Adaptation handbook**

## 11:00 – 12:30 Parallel sessions

**D1**

S27-28

**Towards a territorial approach for food nutrition security in urban adaptation strategies***Panel*

**Facilitator:** *Julien Custot*, Coordinator, Food for Cities, United Nations Food and Agriculture Organization, Italy

**Food and nutrition security in disaster risk reduction and management (DRR/M) strategies**

- *Sylvie Wabbes*, United Nations Food and Agriculture Organization (FAO) Liaison and Operations Officer, Emergency Operations and Rehabilitation Division, RUAUF

**Contribution of urban and peri-urban agriculture to urban adaptation strategies**

- *Marielle Dubbeling*, Global Coordinator, Resource Centres on Urban Agriculture and Food Security (RUAUF), Netherlands

**Integrating agriculture in urban planning, management and governance in the context of climate change**

- *Raf Tuts*, Chief, Urban Environment and Planning Branch, UN-Habitat, Kenya

**Strengthening urban-rural linkages for more resilient food systems**

- *Arthur Getz*, Ph.D. Researcher, Cardiff University, UK

*Organized by: FAO*

**D2**

S29-31

**The process of integrated adaptation planning***Presentation*

**Facilitator:** *Ewa Jackson*, Manager, ICLEI Canada

**Learning from leaders: Lessons from urban adaptation champions**

- *David Dodman*, Senior Researcher, IIED, UK

**Building on Australia's growing climate change adaptation experience**

- *Bob Webb*, Climate Change Institute, ANU, Australia
- *Hartmut Fuenfgeld*, Research Fellow, Climate Change Adaptation Program, RMIT University Australia

**Planning for climate change adaptation: Exploring adaptation planning processes and outcomes**

- *Jeremy Carter*, Research Fellow, University of Manchester, UK

**A methodology to integrate adaptation and development objectives during adaptation planning**

- *Stelios Grafakos*, Academic Staff, Institute for Housing and Urban development Studies (IHS), Netherlands

**The need for an integrated approach in local climate adaptation planning**

- *Maria Berrini*, Director, Ambiente Italia, Italy

**D3**

S34-35

**Multi-level governance for adaptation: Focusing on regional government's role***Presentation*

**Facilitator:** *Franklin Cownie*, Mayor, City of Des Moines, USA; Board Member, ICLEI USA

**Canberra urban and regional future: An innovative regional platform for building resilience**

- *Barbara Norman*, Head of Discipline and Foundation Chair, Urban and Regional Planning, University of Canberra, Australia

**Scotland's climate change adaptation framework: Mainstreaming climate change adaptation**

- *Anna Beswick*, SCCIP Public Sector Officer, SNIFFER, UK

**Climate change guidelines for urban planning in the Basque Country**

- *Carlos Castillo*, Project Manager of Biodiversity & Climate Change Department, Inobe, S.A. Environmental Public Society of Basque Government

**Ecological land use planning for urban development: Coastal Vietnam**

- *Kapil Chaudhery*, Urban & Regional Planner, Spatial Decisions, India

**Integrated roadmapping to shape regional adaptation processes in metropolitan areas**

- *Jens U. Hasse*, Project Coordinator, dynaklim, Research Institute for Water & Waste Management, RWTH Aachen University (FiW), Germany

**D4**

S30-32

**Cities in focus IV: Engaging stakeholders in resilience building***Presentation*

**Facilitator:** *Patrick Hays*, Mayor, City of North Little Rock, USA; Board President and Chair, ICLEI USA

**Toward an integrated adaptation policy for the Mediterranean cities: The ACT project**

- *Marco Cardinaletti*, Project Manager for Sustainable Development, Municipality of Ancona, Italy

**Suwon City's preparation strategies for climate change**

- *Tae-Young Yeom*, Mayor, Suwon City, Republic of Korea

**Supporting civil society action on adaptation**

- *Andy Johnston*, Director & *Laura Wilkes*, Policy Manager, LGiU, UK

**Transition to a Sustainable Edmonton: Moving from good intentions to concrete action**

- *Jim Andrais*, Program Manager, Corporate Environmental Management Systems, City of Edmonton, Canada

**Public participation in urban transition management**

- *Julia Wittmayer*, Researcher, Erasmus University Rotterdam, FSW, DRIFT, Netherlands

**D5**

S17-18

**Reality Check: Lagos State, Nigeria Adaptation on the Ground***Workshop - Part 2*

**Facilitator:** *Shagun Mehrotra*, Managing Director of Climate and Cities, Columbia University, USA

**Panellists:**

- *Muiz A. Banire*, Hon Commissioner, Lagos State Ministry of the Environment
- *Olusegun Oniru*, Hon Commissioner for Waterfront Infrastructure, Lagos State Ministry of the Environment
- *Maximus Ugwuoke*, Head, Climate Change Adaptation, Lagos State Ministry of the Environment
- *Damilola Ogunbiyi*, Senior Special Assistant to Governor on PPP, Lagos State PPP Office
- *Hakeem Ogunbambi*, Director, Drainage Department, Lagos State Ministry of the Environment
- *Olubori Olubodun*, Deputy Director, Waste Management Operations, Lagos State Waste Management Authority
- *Ismaila Akorode*, Waste Manager, Lagos State Waste Management Authority
- *Adeboye Ajibola*, Waste Manager, Lagos State Waste Management Authority
- *Oluremi Williams*, Geologist, Lagos State Ministry of the Environment

**12:30 - 12:50 Special session: Joint publication launch**

Exhibition area

- UN-Habitat report on Human Settlements „Cities and Climate Change“
  - ARC3 report „Climate Change and Cities: First Assessment Report of the Urban Climate Change Research Network“
- Technical discussion with the authors will follow the launch of the reports*

**12:50 – 13:30 Lunch**

Lunch will be provided to all registered congress participants at the venue. Please remember to bring your lunch vouchers with you.

**Y2**

S34-35

**Young Researchers' Forum**

**Learning Café**

Facilitator: *Vilma Hossini*, Educational Officer a. i., United Nations University  
Organized by: *UNU-EHS*

**13:30 – 14:30**

**Mayors Adaptation Forum**

Römerkeller

**Welcome session** (invitees only)

**13:30 – 14:30 Poster session**

Exhibition area

**Tools**

**Climate change related labor market implications for the construction and property industry**

- *Peter Glynn*, Research Student, Bond University, Australia

**Quality Habitat Index**

- *Veerender Kumar*, Student, IIT Kanpur, India

**Water and energy**

**Heat islands reduction by mean of rain and purified waste water reuse**

- *Philippe Maillard*, New Urban Services Manager, Veolia Environment - Sustainable Development and New Urban Services, France

**Energy systems for the future: Resilient and/or smart? The concept of northwest 2050**

- *Sönke Stührmann*, PhD Student, University of Bremen, Germany

**Renewable energy potential for adaptation of the energy supply infrastructure in Chemnitz, Germany**

- *Petra Schneider*, Head of Department, C&E Consulting und Engineering GmbH, Germany

**Green-driven growth: How adaptation can make money for cities in emerging markets**

- *Ulrich Mans*, PhD Candidate, University of Amsterdam, The Netherlands

**Green infrastructure**

**Collaborative research on potential impacts of green roof infrastructure in the city of Cincinnati**

- *Ishi Buffam*, Assistant Professor of Biology, Geology, University of Cincinnati, USA

**Combined insights**

**Absorption of urban built future expansion of cities in the concept of sustainable physical development**

- *Faris Hameed*, University Professor, International University of Science and Technology, Syria

**Institutional obstacles to adaptation**

- *Stéphane La Branche*, Research Fellow, Institute of Political Studies, France

**Sustainable development strategies at local level: A case study of Dumbrava Narciselor, Brasov, Romania**

- *Mihai Baltador*, Director, CRFCAPL Sibiu, Romania

**The recipe for 'influencers, doers and thinkers' to collaborate in creating resilience and adaptability in our cities**

- *Maja Zidoy*, MSLS Thesis Team, Sweden

**Resilis project: Urban resilience within the context of climate change**

- *Eric Tromeur*, Iosis Concepts, France

**Elicited expert perceptions for climate change risks and adaptation in Japanese agriculture and food production**

- *Kenshi Baba*, Researcher, Central Research Institute of Electric Power Industry, Japan

**The conceptualization of urban agriculture: Designing a green productive infrastructure for the emerging megacity Casablanca, Morocco**

- *Christoph Kasper*, Project Coordinator, Technische Universität, Berlin, Germany

*The poster presenters will be available for your comments and questions*



## 14:30 – 16:00 Parallel sessions

**E1** S29-31**Overcoming climate adaptation barriers: Insights from communities and lessons from a global survey***Workshop***Facilitator:** *Melissa Stults*, Climate Director, ICLEI USA**Panelists:**

- *JoAnn Carmin*, Scholar, Massachusetts Institute of Technology, Cambridge, USA
- *Nikhil Nadkarni*, Graduate Student, Massachusetts Institute of Technology, Cambridge, USA

**Breakout facilitators:**

- *Ewa Jackson*, Manager, ICLEI Canada
- *Jade Jackson*, Project Assistant, ICLEI Canada
- *Kara Reeve*, Manager, ICLEI USA

**E2** S27-28**Participatory knowledge generation for resilient cities: Sustainable urban planning in practice****Facilitators:** *Isa Baud*, Professor, University of Amsterdam, Netherlands  
*Laura Petrella*, Human Settlements Officer, UN-Habitat, Kenya**Panelists:**

- *Sara Liliana Miranda*, Coordinator, Cities For Life Forum, Peru
- *Ulrich Mans*, Researcher, University of Amsterdam, The Netherlands
- *Swaib Lwasa*, Lecturer, Makerere University, Uganda
- *Michaela Hordijk*, Staff Member, University of Amsterdam, The Netherlands
- *Vasco de Oliveira Araujo*, Deputy Secretary of Environment, Municipality of Belo Horizonte, Brazil
- *Jana-Axinja Paschen*, Research Fellow, Monash University, Australia

**E3** S25-26**Multi-level governance for adaptation: Focusing on national government's role***Presentations***Facilitator:** *Stephen Granger*, Head: Major Programmes and Projects, Environmental Resource Management Department, City of Cape Town, South Africa (tbc)**National impetus for development of local adaptation strategies in Norway**

- *Gry Backe*, Project Coordinator CCA, Norwegian Directorate for Civil Protection and Emergency Planning, Norway

**Development of local government's adaptation capability to climate change in the Republic of Korea**

- *Ji Young Shin*, Researcher, KACCC, Korea Environment Institute, Korea (ROK)

**Toward a national adaptation strategy in the U.S.: Joining federal, regional, and local efforts**

- *Robert Verchick*, Professor of Law, Loyola University, New Orleans, USA

**Enhancing city resilience through improving policy responses in Bihar, India**

- *Gyaneshwar Singh*, Programme Coordinator, AMRITA Agency for Multidimensional Research, Implementation, Training & Advocacy, India

**Urban adaptation planning and practice: Experiences and solutions**

- *Garima Nayyar*, Urban Designer, INTACH, India

**E4** S30-32**Cities in Focus V: Urban water supplies for the future***Presentations***Facilitator:** *Barbara Anton*, Project Coordinator, Water, ICLEI European Secretariat**Municipal responses against urban impacts for desertification process**

- *Sita Ouattara*, Deputy Mayor for Environment Municipality of Bobo-Dioulasso, Burkina Faso

**Sustainable water resource management scheme in Kaohsiung City, Chinese Taipei**

- *Tsan-Min Lin*, Division Chief of Environmental Protection Bureau, Kaohsiung City Government, Chinese Taipei

**Water crisis: Public management of an emergency situation**

- *Dafne Maza*, Project Assistant, Ecoinstitut Barcelona, Spain

**Resilient water supply and sewage disposal**

- *Ivan Benes*, Chairman and Managing Director, CITYPLAN, Czech Republic

**Managing water in the face of rapid urbanisation and climate change in Kampala, Uganda**

- *Emmanuel Serunjoji*, Deputy Mayor, Secretary for Works, Roads, Transport, Housing and Water, Kampala City Council, Kawempe Division, Uganda

**E5** S34-35**Reality Check: London, UK Adaptation on the Ground***Workshop - Part 1***Facilitator:** *Holger Robrecht*, Director, Sustainability Management, ICLEI European Secretariat**Panelists:**

- *Alex Nickson*, Strategy Manager, Climate Change Adaptation, Greater London Authority, UK
- *Juliette Daniels*, Manager, London Climate Change Partnership, UK
- *Timothy Reeder*, Climate Change Programme Manager, South East Region, Environment Agency, UK
- *Keith Jones*, Director of Resources & Head of Department, University of Greenwich, UK
- *Celeste Morgan*, Associate Director, AECOM

**E6** S17-18**Reality Check: Semarang, Indonesia****Adaptation on the Ground***Workshop - Part 1***Facilitator:** *Steve Gawler*, Director, International Programs, ICLEI Oceania Secretariat**Panelists:**

- *Hendrar Prihadi*, Vice Mayor, Semarang City, Indonesia
- *Ir. Purnomo Dwi Sasongko*, Head of Spatial and Development Division, Local Development Planning Board (BAPPEDA), Indonesia
- *Budi Chairuddin*, Project Coordinator, Asian Cities Climate Change, Resilience Network (ACCCRN), Mercy Corps Indonesia
- *Feri Prihantoro*, Executive Director, BINTARI, Indonesia

**Mayors Adaptation Forum**

Römerkeller

**Financing Resilient Cities: Rationale for bottom-up infrastructure project planning and finance**

(invitees only)

**Mayors dialogue with United Nations leaders: Joan Clos, UN-Habitat and Margareta Wahlström, UNISDR**

(invitees only)

16:00 – 16:30 Coffee break

Exhibition area

2011 Gwangju Summit of the Urban Environmental Accords and Urban CDM presentation

16:30 – 18:15 Parallel sessions

**F1**

S29-31

**MAF Strategy dialogue: Adapt or insure?***Panel*

**Keynote:** *Howard Kunreuther*, Co-Director, Cecilia Yen Koo Professor of Decision Sciences & Public Policy, Risk Management & Decision Processes Center, The Wharton School, University of Pennsylvania, USA

**Facilitator:** *Joanne Linnerooth-Bayer*, Program Leader Risk, Policy and Vulnerability, International Institute for Applied Systems Analysis (IIASA), Austria

**Panelists:**

- *Herbert Bautista*, Mayor, Quezon City, Philippines; Member, World Mayors Council on Climate Change (WMCCC)
- *David Bresch*, Director Sustainability and Emerging Risk Management, Swiss Reinsurance Company Ltd, Switzerland
- *David Dodman*, Senior Researcher, Team Leader, Cities and Climate Change International Institute for Environment and Development (IIED), UK
- *Jan Falconer*, Manager Projects, Partnerships and Funding, Aberdeen City Council, UK
- *Muchadeyi Masunda*, Mayor, City of Harare, Zimbabwe, Co-President, UCLG
- *Mike Kreidler*, State of Washington Insurance Commissioner, National Association of Insurance Commissioners (NAIC), USA
- *Lindene E. Patton*, Chief Climate Product Officer, Zurich Financial Services, USA

**F2**

S27-28

**Towards more resilient water infrastructures***Presentations*

**Facilitator:** *Lucinda Fairhurst*, Adaptation Coordinator, ICLEI Africa Secretariat

**Adapting water management to a changing climate in a developing country**

- *Marina Herrere-Pantoja*, Manager of the Hydro Meteorological Center, Queretaro Water Commission, Mexico

**Towards more resilient water infrastructures**

- *Jörg Felmeden*, Research Assistant, Water Infrastructure and Risk Analysis, Institute for Social-Ecological Research ISOE GmbH, Germany

**Climate adaptation strategies for a sustainable water management in the Metropolitan Region of Santiago de Chile**

- *Laura Simon*, Scientific Researcher, Institute for Technology Assessment and Systems Analysis ITAS, Germany

**Drinking water supply security in crisis situations**

- *Jana Caletkova*, Head of Department of Water Management and Resilience, CITYPLAN, Czech Republic

**Modeling studies of integrated water resource under changing climate in Kairouan Basin.**

- *Chulli Chulli*, Researcher, Water Researcher and Technology Center, Tunisia

**F3**

S25-26

**Building equitable urban resilience***Presentations*

**Facilitator:** *Alexander Petersen*, Founder and Executive Director, Adaptation International, USA

**Building equitable urban resilience: The institutional challenge for climate change adaptation in cities**

- *Wendy Steele*, Ph.D., Griffith University, Australia

**The urban tide: Children displaced by climate change**

- *Nidhi Mittal*, Climate Change Adviser, Save the Children UK, UK

**Liveable and just: Social and equity impacts of climate change adaptation on local communities**

- *Heinz Kreutz*, Councillor Victorian Local Governance Association, City of Boroodara, Australia

**F4**

S30-32

**Cities in focus VI: Action plans for adaptation and resilience in Alexandria, Casablanca, Tunis***Panel*

**Facilitator:** *Andrew Steer*, Special Envoy for Climate Change, World Bank, USA

**Panelists:**

- *Anthony Gad Bigio*, Regional Study Coordinator, World Bank
- *Tamer Abougharara*, Program Manager, Arab Academy for Science, Technology and Maritime Transportation, Egypt
- *Mohammed Nbou*, Environment Director, Kingdom of Morocco
- *Noureddine Kaabi*, Infrastructure Director, Republic of Tunisia
- *Stéphane Hallegatte*, Lead Climate Change Specialist, World Bank

*Organized by: World Bank***F5**

S34-35

**Reality Check: London, UK Adaptation on the Ground***Workshop - Part 2*

**Facilitator:** *Holger Robrecht*, Director, Sustainability Management, ICLEI European Secretariat

**Panelists:**

- *Alex Nickson*, Strategy Manager, Climate Change Adaptation, Greater London Authority, UK
- *Juliette Daniels*, Manager, London Climate Change Partnership, UK
- *Timothy Reeder*, Climate Change Programme Manager, South East Region, Environment Agency, UK
- *Keith Jones*, Director of Resources & Head of Department, University of Greenwich, UK
- *Celeste Morgan*, Associate Director, AECOM

**F6**

S17-18

**Reality Check: Semarang, Indonesia Adaptation on the Ground***Workshop - Part 2*

**Facilitator:** *Steve Gawler*, Director, International Programs, ICLEI Oceania Secretariat

**Panelists:**

- *Hendrar Prihadi*, Vice Mayor, Semarang City, Indonesia
- *Ir. Purnomo Dwi Sasongko*, Head of Spatial and Development Division, Local Development Planning Board (BAPPEDA), Indonesia
- *Budi Chairuddin*, Project Coordinator Asian Cities Climate Change, Resilience Network (ACCCRN), Mercy Corps Indonesia
- *Feri Prihantoro*, Executive Director, BINTARI, Indonesia

**18:00 – 18:30 Break****18:30 - 19:30 MAF special open session S30-32****Mayors Task Force on Urban Poverty and Climate Change  
Presentation of findings****Chair:** *Konrad von Ritter*, KRITTER Consulting Services, Germany

- *Andrew Steer*, Special Envoy for Climate Change, World Bank, USA
- *Marcelo Ebrard*, Mayor, Mexico City, Mexico; Chair, World Mayors Council on Climate Change
- *Didas Massaburi*, Mayor, Dar es Salaam, Tanzania
- *Guilherme F. Mattar*, Secretary for International Relations, City of Sao Paulo, Brazil
- *Elisabete França*, Secretary for Affordable Housing, City of Sao Paulo, Brazil
- *Anita Boje*, Advisor, International Relations, Jakarta Capital City Government, Indonesia

*Organized in cooperation with: World Bank***18:30 Special session S34-35****Launch of the European Partnership  
on Integrated Urban Sustainability  
Management***A cocktail reception will follow the launch***19:30 - 21:00 Evening program****Networking dinner**

After the break the participants will gather in the restaurant area and discuss their impressions and thoughts about the first two days of the congress.

**Screening session**

A short cartoon prepared by UN-Habitat will be shown in the plenary room and discussion will follow.

**Restaurant area****Mayors Adaptation Forum**

Römerkeller

**Dialogue dinner**

(invitees only)

*Organized by: World Mayors Council on Climate Change*

With special guests

**Sunday, 5 June 2011****08:45 - 9:00 The Resilient Cities 2011 congress so far****Plenary room***A short video capturing the first 2 days of the congress***09:00 – 11:00 MAF special open session: Responsive finance for adaptation****Plenary room****Chair:** *Konrad Otto-Zimmermann*, Secretary General, ICLEI – Local Governments for Sustainability; Resilient Cities 2011 Congress Chair**Introduction of the White Paper: Responsive Finance for Adaptation***Jeb Brugmann*, Managing Partner, The Next Practice (on behalf of ICLEI)**Response: What cities need from the finance sector***Marcelo Ebrard*, Mayor, Mexico City, Mexico; Chair, World Mayors Council on Climate Change**Panelists:**

Local governments

- *Didas Massaburi*, Mayor, Dar es Salaam, Tanzania
- *Joey Sarte Salceda*, Governor, Province of Albay, Philippines

UN Institutions

- *Paul Clements-Hunt*, Head, UNEP Finance Initiative, Switzerland
- *Friedrich Barth*, Senior Advisor, Environment, Climate and Energy, Bureau for Development Policy, United Nations Development Programme (UNDP), USA (tbc)

Private finance

- *Johnny El Hachem*, Head of Environmental Finance, Compagnie Benjamin de Rothschild, Switzerland

Development banks

- *Andrew Steer*, Special Envoy for Climate Change, World Bank, USA

Funds

- *Ana Fornells de Frutos*, Chair, Adaptation Fund Board, USA (tbc)
- *Manfred Konukiewitz*, Commissioner for Climate Policy; Head of the Global and Sectoral Policies Directorate, German Federal Ministry for Economic Cooperation and Development (BMZ); Member of the Transitional Committee for the Design of the Green Climate Fund, Germany
- *Kadmiel Wekwete*, Director, Local Development Division, United Nations Capital Development Fund (UNCDF), USA

**Closing statement:***Joan Clos*, Under Secretary General and Executive Director, UN-Habitat; Resilient Cities 2011 Patron

11:00 – 11:30 Coffee break

11:30 – 13:00 Parallel sessions

**G1** S25-26

**Renewable energy for urban resilience**

*Presentations*

**Facilitator:** *Emani Kumar*, Regional Director, ICLEI South Asia Secretariat

**Presenters:**

- *Gary Penway*, Deputy Director, Community Development Department, City of North Vancouver, Canada (tbc)
- *Rob Melnick*, Executive Dean and Presidential Professor, Global Institute of Sustainability, Arizona State University, USA
- *Christoph Rat-Fischer*, Project Leader, European Institut for Energy Research, Germany
- *Gotelind Alber*, Head, Sustainable Energy and Climate Policy, Germany (tbc)

**G2** Plenary room

**Costs and financing of urban climate change**

*Presentations*

**Facilitator:** *Robert Kehew*, Human Settlements Advisor, UN-Habitat, Kenya

**Introduction**

- *Monika Wiebusch*, Senior Economist, Urban Development, KfW, Germany

**Sustainability in austerity: Cost-neutral ways for cities to become more resilient**

- *Philip Monaghan*, Author, UK

**How local enterprise can contribute to local adaptation in Bologna: Green Areas Inner City Agreement (GAIA)**

- *Raffaella Gueze*, Head of Sustainability Office, City of Bologna, Italy

**Improving adaptation integrity**

- *Lisa Elges*, Climate Governance Programme Manager, Transparency International, Germany

**G3** S34-35

**Ecosystems, adaptation and biodiversity**

*Panel*

**Facilitator:** *Kobie Brand*, Regional Director, ICLEI Africa Secretariat; Global Coordinator, Local Action for Biodiversity

**Panelists:**

- *Imen Meliane*, Director, International Marine Policy, The Nature Conservancy USA
- *Zach Ferdana*, Marine Conservation Planner, The Nature Conservancy, USA
- *Karin Zaunberger*, Policy Officer, Biodiversity Unit, European Commission, Belgium
- *Debra Roberts*, Deputy Head, Environmental Planning and Climate Protection, City of Durban, South Africa

**G4** S27-28

**Tackling the effects of climate change: Urban heat islands**

*Presentations*

**Facilitator:** *Victorino Aquitania*, Regional Director, ICLEI Southeast Asia Secretariat

**Vulnerability assessment towards heat waves in urban areas: City of Cologne case study**

- *Torsten Welle*, Associate Academic Officer, UNU-EHS, Germany

**Heat waves, an underestimated threat to health: A method for local governments to prevent and act**

- *Ingrid Molander*, Environmental Controller, Botkyrka kommun, Sweden

**Adapting office buildings to climate change: Optimization of thermal comfort and energy demand**

- *Tania Berger*, Senior Researcher, Danube University Krems, Austria

**Cool roofs and pavements to cool the world: An integrated mitigation/adaptation strategy for cities**

- *Hashem Akbari*, Professor, Concordia University, Montreal, Canada and Vice Chair, Global Cool Cities Alliance, USA

**City parks and climate change management: A case study of Chennai**

- *Divya Rajeswari Swaminathan*, Post-graduate Student, Westfaelische Wilhelms Universitaet, Muenster, Germany

**Urban climate investigation for urban development strategies in Tropical Mega Cities**

- *Lutz Katzschner*, Head of the Environment Department, University Kassel, Germany

**G5** S17-18

**Cities in focus VI: Linking mitigation and adaptation**

*Presentations*

**Facilitator:** *Holger Robrecht*, Director, Sustainability Management, ICLEI European Secretariat

**Plans and projects for a resilient city: An integrated approach in Bologna, Italy**

- *Giovanni Fini*, Head of Environmental Quality Department, City of Bologna, Italy

**Building New Taipei City as a smart resilient low carbon city: Combining hard and soft power**

- *Wen-yu Liu*, Head of Environmental Protection Department, New Taipei City Government, Chinese Taipei

**Climate neutrality as adaptation planning in the city of Arendal, Norway**

- *Svein Tveitdal*, Environmental Ambassador, City of Arendal, Norway

**Climate change adaptation of Plan of Vitoria-Gasteiz, Spain (European Green Capital 2012)**

- *Efrén Feliu*, Head of Spatial Development and Urban Sustainability, TECNALIA Research and Innovation, Spain

**Towards institutionalization of climate adaptation practices: A case study of Chandigarh, India**

- *Manoj Kumar Teotia*, Research and Training, CRRID, India

**Mayors Adaptation Forum**

Römerkeller

**Toward COP17: The Mexico City Pact and its reporting tool, the carbonn Cities Climate Registry** (invitees only)

**Chair:** Marcelo Ebrard, Mayor, Mexico City, Mexico; Chair, World Mayors Council on Climate Change



**13:00 – 14:00 Lunch****Mayors Adaptation Forum lunch** (invitees only)

Römerkeller

Lunch will be provided to all registered congress participants at the venue.  
Please remember to bring your lunch vouchers with you.

**14:00 – 14:30 Special session**

Exhibition area

**Signing ceremony****Memorandum of Understanding between ICLEI - Local Governments for Sustainability and UN-Habitat****13:30 – 14:30 Mayors Adaptation Forum closed session**

Römerkeller

**Mayors Adaptation Forum: The Bonn Declaration of Mayors – Drafting session** (invitees only)**Chair:** Jürgen Nimptsch, Mayor of Bonn, Germany; Vice Chair of the World Mayors Council on Climate Change**Facilitator:** Debra Roberts, Deputy Head, Environmental Planning and Climate Protection, City of Durban, South Africa**14.30 – 16.00 Parallel sessions****H1** Plenary room**Strategy dialogue****Ecosystem services for urban resilience: The urgency of action***Panel***Facilitator and introduction:**

*Kobie Brand*, Regional Director, ICLEI Africa Secretariat; Global Coordinator, Local Action for Biodiversity

**Panelists:**

- *Ahmed Djoghlaif*, Executive Secretary, CBD (video)
- *David Cadman*, Councilor, City of Vancouver, Canada; ICLEI President
- *Andreas Rechkemmer*, Chief Science and Policy Advisor, Global Risk Forum, Switzerland
- *Naomi Tsur*, Deputy Mayor, City of Jerusalem, Israel
- *David Dodman*, Senior Researcher, Team Leader, Cities and Climate Change International Institute for Environment and Development (IIED), UK (tbc)

**H2** S25-26**Linking mitigation and adaptation***Speed panel*

**Facilitator:** *Helena Molin Valdes*, Acting Director, UNISDR, Switzerland

**Space for adapting: Reconciling adaptation and mitigation in local climate change planning**

- *Elisabeth Hamin*, Regional Planning, University of Massachusetts, USA

**The early experiences of local climate change adaptation in Norway compared with those of Local Agenda 21 and climate change mitigation**

- *Carlo Aall*, Head of Climate Research, Western Norway Research Institute, Norway

**Integrated climate action: Linking mitigation and adaptation to make Indonesian cities resilient**

- *Purnomo Sidi*, PAKLIM – GIZ, Indonesia

**Scenarios for Paris development in the twenty-first century: An exercise on the prospective impact of a carbon tax**

- *Vincent Viguié*, PhD, CIRED, France

**Sustainable urban transport, resilient urban transport**

- *Angela Jain*, Senior Research Fellow, nexuS, Germany

**Towards a resilient architecture: The case of Brøset, Trondheim, Norway**

- *Annemie Wyckmans*, Associate Professor, NTNU, Norway

**H3** S27-28**Adaptation before disaster: Taking preemptive action***Presentations*

**Facilitator:** *Carlos Villacis*, Global Risk Identification Programme (GRIP) Coordinator, United Nations Development Programme (UNDP), Switzerland

**Decision making frameworks for adaptation to extremes in two local government areas: Comparing and contrasting**

- *Supriya Mathew*, PhD student, Macquarie University, Australia

**Putting new climate adaptation measures into practice: Why bother?**

- *Kim Anema*, PhD student, UNESCO-IHE, Netherlands

**Climate proof cities: An integrated research programme in the Netherlands**

- *Sonja Döpp*, Researcher, TNO, Netherlands

**Urban underground infrastructure adaptation to climate change**

- *Nikolai Bobylev*, Associate Professor, Saint Petersburg State Polytechnical University, Russia

**Nothing's happened yet: Accelerating action on climate change adaptation**

- *Linda Harvey*, Lead, Air, Climate Change & Energy, City of Calgary, Canada

**H4**

S34-35

**Tackling the effects of climate change: Urban flooding**

*Presentations*

**Facilitator:** *Karl-Otto Zentel*, Chief Executive Officer, DKKV

**Towards flood resilient cities**

- *Linde Verriest*, Consultant, Arcadis Belgium, Belgium

**Plan to prevent stormwater flooding in the Brussels Capital Region**

- *Françoise Onclincx*, Head of Water Department, Environment Administration of the Brussels Region, Belgium

**Environmental monitoring, assessment, and restoration of Typhoon Morakot disaster**

- *Chih-Ming Kao*, Consultant of EPB, Kaohsiung City Government, Chinese Taipei

**Flood risk protection concept Geising / Altenberg in the flood formation area of Ore Mountains, Germany**

- *Petra Schneider*, Head of Department, C&E Consulting und Engineering GmbH, Germany

**Adaptive territorial management in Trinidad, Bolivia**

- *Roger Quiroga*, DRR and Adaptation Coordinator, OXFAM International, La Paz, Bolivia

**H5**

S17-18

**Cities in Focus VIII: Institutional structure of organization to master adaptation**

**Facilitator:** *Alex Nickson*, Strategy Manager, Climate Change Adaptation, Greater London Authority, UK (tbc)

**Panel**

- *Lykke Leonardsen*, Head of Office, City of Copenhagen, Denmark
- *Gary Penway*, Deputy Director, Community Development Department, City of North Vancouver, Canada
- *Susanna Kankaanpää*, Climate Specialist, Helsinki Region Environmental Services Authority (HSY), Finland

*Organized in cooperation with: City of Copenhagen*

**16:30 – 18:00 Summary & outlook plenary**

**Plenary room**

**Chair:** David Cadman, Councilor, City of Vancouver, Canada; ICLEI President

**Congress summary**

*Konrad Otto-Zimmermann*, Secretary General, ICLEI – Local Governments for Sustainability; Resilient Cities 2011 Congress Chair

*Rafael Tuts*, Chief, Urban Environment and Planning Branch, UN-Habitat, Kenya

**A word from UCLG**

- *Muchadeyi Masunda*, Mayor, City of Harare, Zimbabwe; Co-President, UCLG

**Strategy panel: The next steps for local governments towards COP17**

- *Christiana Figueres*, Executive Secretary, United Nations Framework Convention on Climate Change
- *Xolile George*, Chief Executive Officer, South African Local Government Association (SALGA) (tbc)
- *Marcelo Ebrard*, Mayor, Mexico City, Mexico; Chair, World Mayors Council on Climate Change
- *Logie Naidoo*, Deputy Mayor, City of Durban, South Africa

**2011 Bonn Declaration of Mayors**

- *Jürgen Nimptsch*, Mayor, City of Bonn, Germany; Vice-Chair, World Mayors Council on Climate Change

**Closing remarks**

- *Joan Clos*, Under Secretary General and Executive Director, UN-Habitat; Resilient Cities 2011 Patron
- *David Cadman*, Councilor, City of Vancouver, Canada; ICLEI President

**18:30 – 20:00 Special closed session**

**A sustainable foundation for Resilient Cities: Steering Board meeting with stakeholders** (invitees only)

**Chair:** *Joan Clos*, Under Secretary General and Executive Director, UN-Habitat; Resilient Cities 2011 Patron

*Hosted by: City of Bonn*

**Monday, 6 June 2011**

**Post- events**

**Training: Building resilience through climate change adaptation** (open to registration)

*Organizer:* ICLEI – Local Governments for Sustainability

**Urban Poverty, Resilience and Registry – Local Response to Global Climate Change** (UNFCCC Climate Talks delegates only)

ICLEI's and UCLG's side event at UNFCCC Climate Talks (13:15-14:45, Hotel Maritim)

*Organizers:* ICLEI – Local Governments for Sustainability and United Cities and Local Governments

# PRACTICAL INFORMATION

## Language

The congress language is English.

## Registration and participants help desk

The registration and participants help desk will be available for the duration of the congress. Opening hours for the registration and participants help desk are:

Thursday, 2 June: 14:00 - 20:00  
Friday, 3 June: 8:00 - 19:30  
Saturday, 4 June: 8:00 - 20:30  
Sunday, 5 June: 8:00 - 18:00

## Exhibition

An exhibition space with booths and display stands is available at the congress venue. This is the site where special events (publication launches, MoU signing ceremonies and conference announcements), poster session and coffee breaks will take place.

## Catering

The congress venue has a modern buffet-style restaurant. Meal and drink vouchers are required for all meals. Participants accommodated at the congress venue will get their vouchers when checking in at the reception of the venue. Registered participants not accommodated at the congress venue will receive their vouchers (one per meal and one for a drink per meal) at the congress registration desk. Guests can purchase their vouchers at the reception of the venue. For meals outside the congress core days (2 June and 6 June) you can purchase individual meal vouchers at the reception.

If you do not use all your vouchers, please return them to the congress team at the registration desk (a special box will be there) when you leave.

## How to get to the venue

You can reach the congress venue, Gustav-Stresemann-Institut (GSI), via tram from the Bonn main train station (Hauptbahnhof) with tramlines 16 and 63 towards 'Bad Godesberg' (stop at 'Max Löbner-Str/Friesdorf') or with tramline 66 towards 'Bad Honnef' or 'Ramersdorf' (stop at Robert Schuman Platz) in approximately 15 minutes. Both tram stops are within a 10-minute walking distance from the congress venue. Trams run from about as early as 4:30 until about as late as 00:30, on approximately 10-minute intervals.



## Venue: Gustav-Stresemann-Institut (GSI) e.V.

Langer Grabenweg 68  
D-53175 Bonn  
Germany

Tel: +49-(0)228 / 81 07-0  
Fax: +49-(0)228 / 81 07-197  
www.gsi-bonn.de

## Internet access at the venue

The Gustav-Stresemann-Institut provides wireless internet access. If you have your accommodation booked at the congress venue, you will receive your internet voucher upon your check-in at the GSI. The price of the voucher is already included in the accommodation package. Otherwise, you will be able to buy your voucher at the reception desk.

## Photography and video disclaimer

During the congress all sessions will be documented with photographs and video material. The material may be used by ICLEI and partners for print and web publication in the future. If you do not wish to appear in any visual material please inform ICLEI immediately (by the end of the congress on 5 June at the very latest) by contacting [media@iclei.org](mailto:media@iclei.org).

## Save the date: Join us in Bonn in May 2012!

The dates of the Resilient Cities 2012 congress are already available. Once again the global forum on urban resilience and adaptation to climate change will be organized back-to-back with the UNFCCC June Talks.

Mark your calendar:

### Resilient Cities 2012

11 - 13 May 2012

Bonn, Germany

Preceding the UNFCCC Bonn Talks (14-25 May 2012)

## Resilient Cities 2011 Congress Secretariat

ICLEI – Local Governments for Sustainability, World Secretariat  
Kaiser-Friedrich-Str. 7, 53113 Bonn, Germany  
Tel: +49-(0)228 / 976 299-28  
Fax: +49-(0)228 / 976 299-01

### From 2 to 5 June

Gustav-Stresemann-Institut, Room S33  
Tel: +49-(0)176 / 345 333 78

[www.iclei.org/bonn2011](http://www.iclei.org/bonn2011)

For general information please write to [bonn2011@iclei.org](mailto:bonn2011@iclei.org)

For questions regarding the program please contact [bonn2011.program@iclei.org](mailto:bonn2011.program@iclei.org)

For media-related questions, please contact [media@iclei.org](mailto:media@iclei.org)

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