



COPENHAGEN
12 - 14 MAY
2015

The Second biennial 'European Climate Change Adaptation Conference' (ECCA2015)

INTEGRATING CLIMATE CHANGE ADAPTATION



Sponsored by



Confederation of Danish Industry



AARHUS UNIVERSITY

Hosted by



AARHUS UNIVERSITY

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European Environment Agency



City of Copenhagen



Confederation of Danish Industry



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An initiative of three EU research projects:

RAMSES, ToPDad and BASE

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Committees

Programme Committee:

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Nico Stelljes, Ecologic Inst. (Germany) Co-chair

Julia Peleikis, ICLEI (Germany)

Elisabeth Lannoo, CICERO (Norway)

Katja Firus, T-6 (Italy)

Christian Bjørnæs, CICERO (Norway)

Therese Rauch, PIK (Germany)

Hans Sanderson, AU (Denmark) Co-chair

Scientific Advisory Committee

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Jürgen Kropp, PIK (Germany)

Tony Rosquist, VTT (Finland)

Maria Máñez Costa, CSC2.0 (Germany)

Marco Gemmer, European Commission (Belgium)

André Jol, EEA (Denmark)

Paul Watkiss, Paul Watkiss Associates (UK)

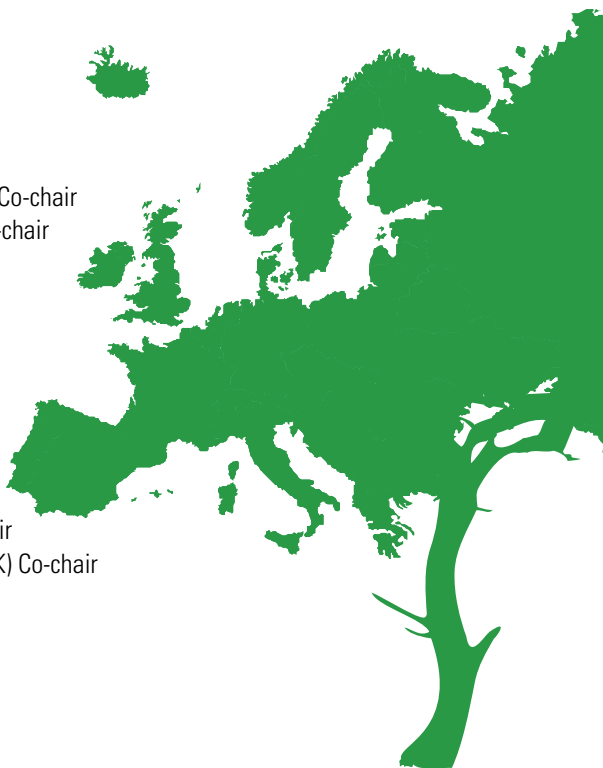
Local Organizing Committee

Lykke Leonhardsen (City of Copenhagen)

Christina Busk (Confederation of Danish Industry)

Stéphane Isoard (European Environment Agency)

Hans Sanderson (Aarhus University) Co-chair



Welcome to Copenhagen

Dear Participants,

Welcome to Copenhagen and welcome to the second European biannual conference on Climate Change Adaptation (ECCA2015). ECCA2015 is an important arena in Europe for the exchange of scientific results about climate change adaptation in Europe and globally. It includes the debate about what this means for practical action on adaptation as a response to climate risks and technology based solutions and opportunities. The dialogue between science and practice and the business community needs to be extended and deepened. The conference theme is *Integrating climate adaptation action in science, policy, practice and business*. Over these next couple of days, you will hear many prominent women and men, inspiring researchers, business leaders, local planners, and promising young individuals attempting to address this theme. Different types of sessions have been designed to combine scientific and practical knowledge, policy making processes and business cases: 1. Knowledge: sessions presenting and discussing the latest research results; 2. Policy: background information on European, national and local adaptation strategies, policy integration and effectiveness; 3. Practice: dialogues on costs and benefits, strategies, governance, tools, and implementation; 4. Business: sessions on facilitating public-private partnerships and identifying business opportunities and solutions.

ECCA2015 was made possible by the goodwill and resources of many people and organizations. I'd like to thank the main sponsors of the conference: DG-Research and Innovation of the European Commission; Aarhus University; The City of Copenhagen; The Confederation of Danish Industry; The European Environment Agency. I would also like to thank all the members of the Programme Committee from the three projects RAMSES; ToPDAd; and BASE; the Scientific Advisory Panel and the Local Organizing Committee, without whom it would not have been possible to organize the meeting. I would also like to send a warm thank you to our conference organizing company, DIS, for helping with the organization, and to the Bella Center for providing an excellent venue. All the sponsors and exhibitors who also helped make this event possible, thank you.

We hope that you leave this city in a few days' time inspired by the presentations you experienced at the conference, and invigorated by the spirit of Copenhagen, and perhaps we'll see you at the 3rd ECCA in 2017!

Dr. Hans Sanderson
Chair, ECCA2015

Hans Sanderson, conference chair, and Chiara Mazzetti, Programme Committee chair



Hans Sanderson



Chiara Mazzetti

A warm welcome to our second biennial conference of ECCA!

Dear participants,

I would like to warmly welcome you to the second European Climate Change Adaptation Conference in Copenhagen. This event offers a unique platform for researchers, policy makers and businesses to share new research results, policy developments and practical experiences.

It is heartening to see the participation of so many different communities in this programme and I am keen to see sessions organised by the private sector. This will help us taking the next step in the climate change adaptation challenge: steering the scientific knowledge and concepts to tangible solutions¹. We hope to see many presentations on the achievements that have been made since our first European Climate Change Adaptation Conference in Hamburg two years ago. We are also keen to see new processes being initiated in Copenhagen that can demonstrate the positive societal impact of your research, innovation and practice in the next biennial European Climate Change Adaptation Conference. You are making a difference for a resilient society and Copenhagen is the right place and moment to showcase this and to prepare for the next steps.

This programme is made of your ideas and we rely on you to make this conference a success. Enjoy the conference and have a fruitful time in Copenhagen!

Kurt Vandenberghe
Director Climate Action and Resource Efficiency
European Commission



Kurt Vandenberghe

Director Climate Action and Resource Efficiency
European Commission

¹ Download the European Commission's initiatives supporting the topics of the ECCA 2015:
<http://tinyurl.com/ECCA15EC>

GENERAL INFORMATION

CONFERENCE VENUE

Bella Center Copenhagen

Center Boulevard 5

2300 Copenhagen S, Denmark

www.bellacentercopenhagen.dk

Tel: +45-3252-8811



HOW TO GET TO THE CONFERENCE VENUE

The Metro from Copenhagen City Centre runs directly every 4 minutes to the Bella Center and takes 9 minutes. Please check www.m.dk for Copenhagen's metro plan. From the airport you can take either the regional train towards Elsinore (Helsingør) and get off at Ørestad Station. There, you change for the metro to Bella Center Station (direction Vanløse). Another option from the airport is the metro towards Vanløse. You get off at Christianshavns Station and take the Metro to Bella Center Station (direction Vestamager). Both options will take approx. 20. Min

REGISTRATION/HOSPITALITY DESK – opening hours during the conference

Monday, 11 May:

15:00-17:30 hrs.

Tuesday-Thursday, 12-14 May:

08:00-16:00 hrs.

ABSTRACTS

Abstracts are to be downloaded at the conference website www.ecca2015.eu

ASSISTANCE

DIS Congress Service staff will be located at the registration during the entire conference. Helpers in green ECCA t-shirts are also to be used for any assistance.

BADGES

Delegates are required to wear badges all times. Badges are required for entry to all sessions.

BANKS

Normal banking hours are from 10:00 to 16:00 hrs. Monday to Friday. On Thursday banking hours are extended to 18:00 hrs. Extended banking facilities are available at Copenhagen Central Railway Station 7 days/week between 07:00 and 21:00 hrs. There are ATMs usually located in connection with a bank branch, which accept a variety of international credit cards. The cards accepted are indicated on the dispenser.

CATERING

Coffee breaks and lunch will be served in the exhibition area.

CERTIFICATES OF ATTENDANCE

A certificate of attendance can be issued upon request at the onsite registration desk at the conference venue on the last day of the conference (14th May)

CLIMATE

The weather in Denmark in May is normally sunny. However, on occasion an umbrella may be useful. Daytime average temperature is around 15° C, evening temperature around 13° C

CONCURRENT SESSIONS

Sessions are on a first come, first serve basis. Participants are requested to silence all electronic devices and refrain from talking during sessions.

ELECTRICITY

Electricity is supplied at 230 volts A/C, 50 Hz cycle.

EMERGENCY SERVICES

Police - Ambulance - Fire Brigade

* Dial 112

INTERNET ACCESS

Wireless internet is available free of charge in the conference area. The network is called **bc guest**. No code is needed

LIABILITY AND INSURANCE

Neither the Organisers (NGM) nor the Conference Secretariat will assume any responsibility whatsoever for damage or injury to persons or property during the Conference.

Participants are recommended to arrange for their personal travel and health insurance.

POSTER SESSIONS

Posters will be on display in the catering & exhibition area each day. All posters are linked to a platform session taking place the same day. Posters can be set up from 08:00 each morning and must be removed the same day by the end of the conference day. Left over posters will be removed by the secretariat and discarded. The secretariat **cannot** be held responsible for any left posters

The times for the poster sessions where you as poster presenter should be present by your poster are during the poster socials:

Tuesday 12th May: 16.30 – 19.00

Wednesday 13th May: 16.30 – 19.00

Thursday 14th May: 10.30 – 11.00 and 13.00 – 14.00

PUBLIC TRANSPORT

The public transportation in Copenhagen is very reliable, punctual, and it takes you everywhere. In Copenhagen the trains, Metro and busses (including waterbuses) can be accessed with the same ticket.

All you need to know is how many zones you will pass on your journey.

Buses

The A-buses are the primary buses in central Copenhagen. They drive every 3-10 minutes. The A-buses serve at all hours. The S-buses drive every 5-20 minutes. The S-buses are faster than the A-buses due to fewer stops. They usually serve between 06:00 in the morning and 01:00 at night. Night buses are in service between 01:00 and 05:00 in the night. The night buses are all N buses, for an example 85N.

Metro

The metro is in service all day and all night, every day of the week. There are 2-6 minutes between each train.

Trains

The S-trains run between 05:00 in the morning and 00:30 at night.

SHOPS

The shops are open from 09:30/10:00 to 18:00/19:00 hrs. Monday through Thursday and 09:30/10:00 to 20:00 on Friday and 09:00 to 17:00 on Saturday/Sunday.

SITE VISITS

Experience climate adaptation solutions live in Denmark.

State of Green offers you the opportunity to experience Danish climate adaptation solutions first-hand during ECCA 2015. A State of Green Tour is your chance to take advantage of the lessons learned by Danish companies and institutions as well as the City of Copenhagen. We offer you a look into the combination of climate adaptation technologies and methods implemented in the Copenhagen area.

- 1) Tour to Køge Bugt Beach Park
- 2) Tour to St. Kjelds Quarter: A climate adapted neighbourhood
- 3) Tour to Musicon Rabalder Parken: A Storm water solution with dual purposes
- 4) Tour to Ørestad: Copenhagen's water resilient city district. Four tours have been organized by State of Practical information

Date: Tuesday May 12th. From 16:00 – 18:45 hrs. All four tours

Departure: Bella Center. Outside the main entrance, please arrive no later than 16:15

hrs. Busses will return to Bella Center.

Price: 100 DKK (15 Euro)

Maximum capacity: 30 persons per tour.

Pre-registration has been possible therefore some of the tours could be sold out before the start of the conference

Please read more at www.ecca2015.eu for more information

SPEAKERS PREPARATION

All platform presenters are to hand in their PPT to the technicians in the Speakers Preparation Room located in the Auditorium Foyer close to the registration desk. The finished PPT is to be handed in as soon as possible and no later than 3 hours before the presentation.

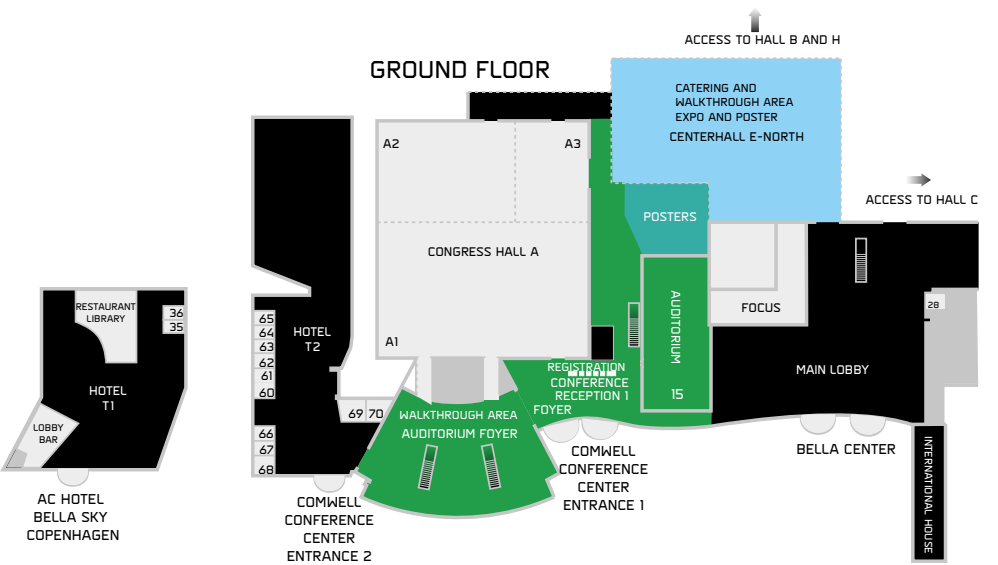
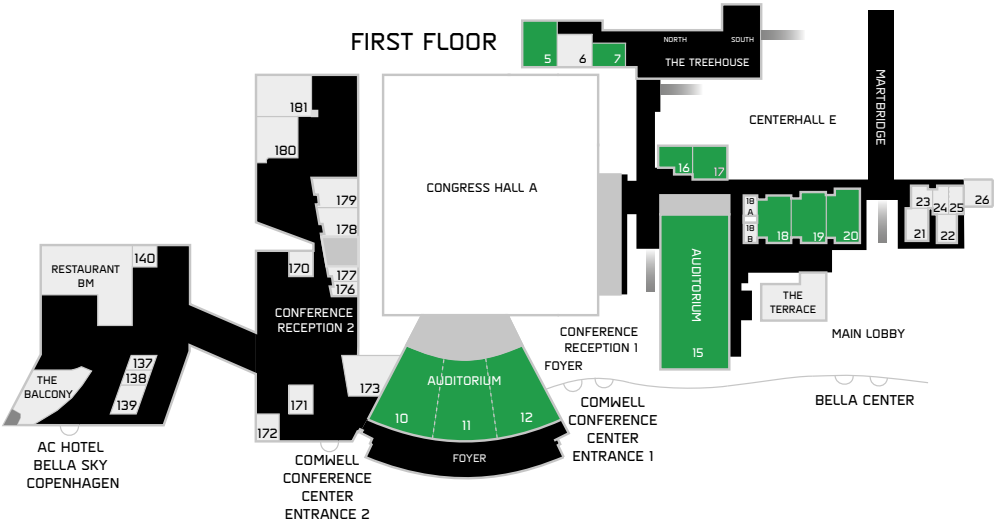


8-tallet

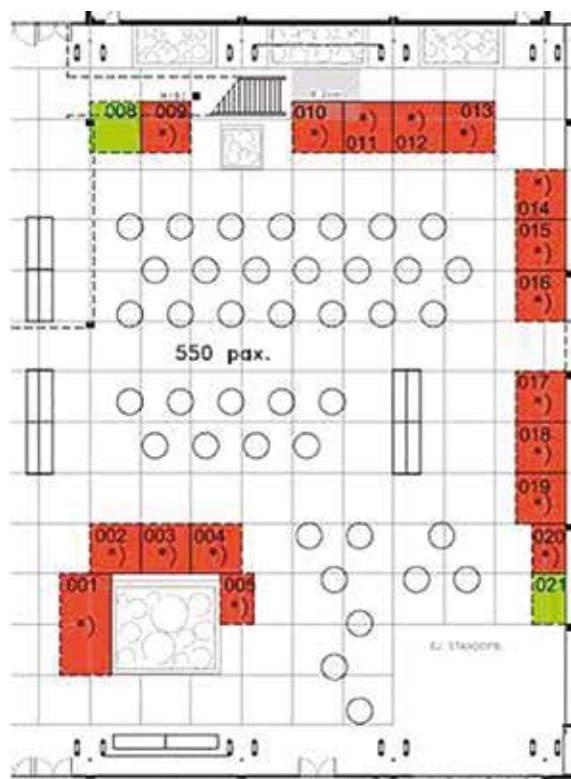


Køge bugt

Bella Center floorplans



Exhibition floor plan



LIST OF EXHIBITORS:

| | | |
|-------|-----------------------------|--|
| E-001 | EUROPEAN ENVIRONMENT AGENCY | |
| E-002 | GRUNDFOS | |
| E-003 | STATE OF GREEN | |
| E-004 | ELSEVIER BV | |
| E-005 | ENVIRONMENT SOLUTIONS | |
| E-009 | AARHUS UNIVERSITY | |
| E-010 | TAYLOR & FRANCIS | |
| E-011 | Clima-KIC | |
| E-012 | ToPDAd | |
| E-013 | RAMSES | |
| E-014 | DNV GL | |
| E-015 | BASE | |
| E-016 | DELTA RES | |
| E-017 | ADEME | |
| E-018 | VITO | |
| E-019 | RAMBØLL | |
| E-020 | EU COMMISSION | |

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List of sponsors, partners and exhibitors

OFFICIAL AIRLINE



SPONSORS & PARTNERS



EXHIBITORS



SOCIAL PROGRAMME:

Both receptions are located at the Town Hall Square of Copenhagen opposite of each other close to the main station (5 min walk) and Tivoli (see map).

**Welcome reception at
City Hall of Copenhagen Main entrance,
Town Hall Square
Monday 11 May, 18:00 - 21:00**

An informal welcome reception will be held at the City Hall of Copenhagen.

City Hall pancakes will be served. Mayor of technical affairs, environment and climate change adaptation Morten Kabell will give a brief presentation the adaptation efforts in Copenhagen.

About the City Hall: The current building was inaugurated in 1905. It was designed by the architect Martin Nyrop in the National Romantic style but with inspiration from the Siena City Hall.

It is dominated by its richly ornamented front, the gilded statue of Absalon just above the balcony and the tall, slim clock tower. The latter is at 105.6 metres one of the tallest buildings in the generally low city of Copenhagen. In addition to the tower clock, the City Hall also houses Jens Olsen's World Clock.



**Business social reception,
Confederation of Danish Industries (DI),
H. C. Andersens Boulevard 18, 1553 København V
Wednesday 13 May, 18:30-20:00.**

An informal reception will be held at The Confederation of Danish Industries.



Snacks and a glass of wine will be served. Director Tine Roed of DI will discuss some of the challenges and opportunities the Danish industry has encountered in the area of adaptation. There will moreover be a brief address by Birgit De-Briosszon from the European Commission during the reception.

About DI: In 2010, the building had become too small and a competition for the expansion and redesign was launched. The new building was inaugurated in March 2013. Two floors were added so that the building now reaches eight storeys towards the street while it gradually drops towards Tivoli Gardens to reduce the impact on the historic premises. In September 2013 The House of Green, an exhibition centre inside the main building that showcases Danish green technologies and solutions, was inaugurated.

COPENHAGEN CITY





PHOTO: MATHIAS ØGENDAL

CLIMATE CHANGE ADAPTATION IN COPENHAGEN

Copenhagen wants to be carbon neutral by 2025. The basic philosophy behind this ambitious goal is that cities have an important part to play in reducing CO₂ emissions. In Copenhagen we want to show that we can reduce emissions and still have a very liveable city. But no matter how well we succeed in reducing emissions, we have already influenced the climate and can expect a warmer and wetter future.

The Copenhagen Climate Adaptation Plan was developed in 2011. The basic idea behind this plan is to make adaptation a precondition for urban development in the city. Resilience must be a part of all the work that will be undertaken. The idea is to look for synergies and possibilities, and develop solutions that will improve the recreational qualities of the city as well as the quality of life for Copenhageners. Another important aspect is to use the adaptation work as an innovation platform for creating jobs and growth in the city.

Adaptation requires investments and you may ask: "Is it worth it?" The short answer is yes. Our business case shows us that by working with adaptation we can significantly reduce damages – and create a more liveable city. What's not to like?



CITY OF COPENHAGEN

www.kk.dk

PLENARIES

| MID-DAY PLENARIES | | |
|-----------------------|---|----------------------|
| <i>TOPIC</i> | Tuesday pm 13:15-13:45 | <i>LOCATION</i> |
| <i>Midday Plenary</i> | Jiang Tong (China Meteorological Administration) | <i>Auditorium 10</i> |
| <i>Midday Plenary</i> | Frans Berkhout (Kings College, London) | <i>Auditorium 11</i> |
| <i>Midday Plenary</i> | Claus Kondrup (European Commission, DG Climate Action), Sarah Hendel-Blackford (Ecofys UK) Linda Romanovska (Fresh Thoughts Consulting) | <i>Auditorium 12</i> |
| | | |
| <i>TOPIC</i> | Wednesday pm 13:15-13:45 | <i>LOCATION</i> |
| <i>Midday Plenary</i> | Connie Hedegaard (KR Foundation) | <i>Auditorium 10</i> |
| <i>Midday Plenary</i> | Rasmus Valanko (WBCSD) | <i>Auditorium 11</i> |
| <i>Midday Plenary</i> | Bente Pretlove (DNV GL) | <i>Auditorium 12</i> |
| | | |
| <i>TOPIC</i> | Thursday pm 13:15-13:45 | <i>LOCATION</i> |
| <i>Midday Plenary</i> | Jean Palutikof (Griffith University) | <i>Auditorium 10</i> |
| <i>Midday Plenary</i> | Hans von Storch (Helmholtz Zentrum Geesthacht) | <i>Auditorium 11</i> |
| <i>Midday Plenary</i> | Panos Fetsis (EU Life Projects – AIEDL) | <i>Auditorium 12</i> |
| | | |

PLEANARY SPEAKERS



Henk Ovink *Special Envoy on International Water Affairs for the Kingdom of the Netherlands*

Ovink was appointed by the three Ministers of Infrastructure and the Environment, Foreign Trade and Development Cooperation and Economic Affairs, Ovink as the first Special Envoy for International Water Affairs. As the Ambassador for Water Ovink is responsible for maintaining good relations with foreign governments, knowledge institutions, umbrella organizations, coordinating and representative bodies, the business community and civil society organizations around the world. Henk Ovink was Senior Advisor to both the former US Presidential Hurricane Sandy Rebuilding Task Force, the Secretary of Housing and Urban Development and the White House Director of the Office of Management and Budget and Principal of 'Rebuild by Design'. He led the long term innovation, resilience and rebuilding efforts for the Task Force and started, developed, and led the 'Rebuild by Design' competition (RBD). RBD was developed to ignite innovation for a new standard of regional resilience in design and development, in building and rebuilding in the light of climate change, sea level rise and future economic, ecological and cultural demands. RBD was named #1 in CNN's 2013 top 10 of most innovative ideas. Before joining the Task Force Ovink was both Acting Director General of Spatial Planning and Water Affairs and Director National Spatial Planning for the Kingdom of the Netherlands.



RASMUS VALANKO *World Business Council for Sustainable Development (WBCSD)*

Rasmus Valanko is a manager for Climate & Energy with the Geneva-based World Business Council for Sustainable Development (WBCSD). In this role he coordinates private sector cooperation aiming to create and scale-up business solutions across the main mitigation levers and resilience building measures. Prior to joining the WBCSD, Rasmus worked 7 years for Royal Dutch Shell on global climate change and CO2 policy as well as their alternative energies strategy. With 20 years of thought-leadership on sustainability within business, the WBCSD has been working with member companies on understanding the effect of climate change on business as well as how to build resilience to these effects; both within companies own assets and operations as well as within their wider stakeholder groups.

Mr Valanko will provide a multinational perspective on climate change and resilience through the launch of the WBCSD's latest report on building resilience in global supply chains as well as the findings from their prior work on building resilience in the power sector. The report highlights, through case studies in contrasting sectors, the lessons to be learnt across business activities and different kinds of supply chain.



Professor Dr. Hans von Storch (HZG)

Prof. Dr. Hans von Storch is director of Institute of Coastal Research of the Helmholtz Zentrum Geesthacht (HZG), professor at the Meteorological Institute of the University of Hamburg, and guest professor at the Ocean University of China. From 1987 - 1995, he was Senior Scientist and leader of the "Statistical Analysis and Modelling" group at the Max Planck-Institute for Meteorology. His research interests are climate diagnostics and statistical climatology, regional climate change and its transdisciplinary context. He has published twenty books, among them "Statistical Analysis in Climate Research" with Francis Zwiers and "Die Klimafalle" with ethnologist Werner Krauss, and numerous articles. He contributed in different roles to the last four IPCC-reports. He chairs efforts for the climate change assessment for the Baltic Sea Catchment (BACC). In 2014, he received the Award of the Baltic Sea Fond, and in 2008 a honorary doctorate of Göteborg University.

He will present the core findings of the new BACC book "Second Assessment of Climate Change for the Baltic Sea basin" (BACC II). The second BACC book is published today, again with Springer, as Open Access. This time, 141 authors from 14 countries have contributed. New aspects like a look back at the past 12.000 years, sea level change, impacts on urban areas, and an attempt to pinpoint regional drivers (regional attribution) were included. Comprehensive summary booklets will be produced from the material in all languages of the Baltic Sea region, to reach local decision makers and the general public. Again, the results are used by HELCOM. A more detailed look at the results of BACC II will be presented in the Session "Adapting the Baltic Sea region to a changing climate" on Thursday morning.

Mayors adapt



Sarah Hendel-Blackford leads the team that has designed and is currently implementing the Mayors Adapt initiative. She is a Senior Consultant at Ecofys UK and specialises in climate change impacts and adaptation. She has worked in policy development at European, national, regional and sub-regional level as well as created adaptation tools and guidance for specific sectors for over 13 years. Sarah has undertaken stakeholder consultation for the European Commission on the Adaptation Green Paper, the subsequent Assessment of Impacts for the Adaptation White Paper, and has worked on climate inputs for adaptation cost curve development in the UK.



Linda Romanovska is a member of the Mayors Adapt team and responsible for providing adaptation expertise and knowledge support to urban municipalities. As Policy Expert at Fresh Thoughts Consulting in the field of adaptation to climate change Linda has worked on topics of adaptation in key sectors such as urban areas, energy, transport, infrastructure, water and social issues on EU, regional and local levels. Prior to joining Fresh

Thoughts Linda was a member of the EU adaptation policy team in DG Climate Action of European Commission, contributing to the development of the EU Strategy for Adaptation to Climate Change.



Dr Claus Kondrup is Acting Head of Unit in the European Commission's Directorate-General for Climate Action ("DG CLIMA"), team leader for climate mainstreaming into Regional Policy funds and programmes, coordinating climate mainstreaming into European Structural and Investment Funds, and contributing to the development of EU policy on the adaptation to climate change. Claus Kondrup has a background in civil engineering

and broad experience with climate action, including the resilience to extreme weather and climate events.

Cities and local authorities are essential players in the efforts to enhance the resilience to climate impacts. The Mayors Adapt initiative supports European cities in adapting to climate change. It aims to increase support for local activities, provide a platform for greater engagement and networking by cities, and raise public awareness about adaptation and the measures needed. Mayors Adapt is part of the EU Strategy on adaptation to climate change, which the European Commission adopted in 2013. Cities signing up to the Mayors Adapt initiative commit to contributing to the overall aim of the EU Adaptation Strategy by developing a comprehensive local adaptation strategy or integrating adaptation to climate change into relevant existing plans. After a general presentation of the EU initiative by Claus Kondrup from the European Commission, Linda Romanovska will introduce the online knowledge support and guidance provided by Mayors Adapt to its signatories, with special focus on the Urban Adaptation Support Tool and the urban adaptation knowledge database in the Climate-ADAPT platform. Sarah Hendel-Blackford will outline opportunities for signatories to learn directly from each other through knowledge transfer activities planned throughout 2015, such as city twinning and workshops, also highlighting research into cities' needs to implement adaptation and knowledge transfer. Adaptation practitioners at the local level will gain insights into the relevance of Mayors Adapt to their work, whereas scientific and private sector communities will be presented with opportunities to showcase their work and contribute to the online Urban Adaptation Support tool. Cities will be encouraged to share their experience and needs after the session.



Professor Jens Hesselbjerg Christensen (KU and DMI)

Adjunct Professor, Niels Bohr Institute, Copenhagen University. Scientific Head, Danish Meteorological Institute. In 1986, I achieved my master degree in Physics and Mathematics from the Niels Bohr Institute (NBI) at the University of Copenhagen and later on, in 1990, my PhD in Astrophysics from the same place. Shortly thereafter, I was employed at the Danish Meteorological Institute (DMI) as a research associate. During the last 18 years I have been a leading scientist at the Danish Meteorological Institute, and since 2005, I have led climate science first at the Danish Climate Centre at the Danish Meteorological Institute and now formally as scientific head of regional climate change in the R&D department. During this period climate science at DMI has established itself as the Danish focal point for climate change information, in particular with respect to future changes. In the early 2000s, I was coordinating a very successful European framework project on regional climate change using multiple RCMs with a European focus. It had 21 participating institutions, and was named PRUDENCE (2001-2004). After PRUDENCE, I have been the PI in several large EU Framework Programme consortiums, including ENSEMBLES and WATCH. In the last 5 years I have been directing a multi-disciplinary national (Danish) center without walls, Centre for Regional Change in the Earth System (CRES) that has received praise as a leading national research centre in climate research. I have participated in the 2nd, 3rd, 4th and the very recent 5th Assessment Report of the IPCC, WGI, in the latter two cases as coordinating lead author; in either case with a focus on projections of future regional climate change. This way, I have been contributing to the award of the Nobel Peace Prize for 2007 to the IPCC. I have received support for a large scale project on the role of Arctic sea ice in controlling the developments of the Greenland Ice Sheet. The project ice2ice is funded from a so-called ERC-Synergy grant under EU.

CO₂ concentrations in the atmosphere are now unprecedented in at least the last 800,000 years, and they rise more than 100 times faster than during the past 20,000 years. This is caused by anthropogenic emissions of greenhouse gases by burning fossil fuels and land use change with consequent changes in the entire Earth System. The newest comprehensive assessment Climate Change 2013: The Physical Science Basis by the Intergovernmental Panel on Climate Change documents a rapidly and profoundly changing Earth System and provides the latest understanding of changes ahead of us. Highlights from the state of knowledge about the physical climate system will be provided with a view to consequences and plausible future impacts for society and natural systems that calls for action whether in order to adapt to ongoing and future changes or in order to mitigate the projected changes if CO₂ concentrations in the atmosphere continue to grow throughout this century and possibly beyond.



Panos Fetsis, LIFE Communications Team NEEMO GEIE - AEID

Working as a Climate Change and Energy Expert in the LIFE Communications team, Panos is responsible for the active analysis and dissemination of the results of the LIFE Programme. Due to his concern over environmental degradation, he sought to combine his background in economics and 4 years of work experience at Ernst & Young with environmental and sustainable energy generation projects. At Piraeus Bank, as a coordinator in the first “Green Banking branch” in South-Eastern Europe, he provided consulting services in the field of environmental technologies, including economic, technical and policy advisory. Moreover, he significantly contributed to the environmental training and communication assignments regarding the contents and the administration of the “Green Library”, the “Green Banking Portal”, the “Green Journal” and the “Social Media”, by providing presentations and newsletters with up to date green technologies supplemented with the economic and technical analysis, the environmental benefit and the international policy framework. He actively participated in the elaboration of various EU environmental projects at Epsilon International, Salfo & Associates and Piraeus Bank, mainly focused on three areas: socio-economic impact of natural resource management; climate change economic risks and opportunities; climate change mitigation technologies. Panos holds a Master degree in Economics for Natural Resource and Environmental Management.

The LIFE Programme – Over 20 Years Promoting Environmental Sustainability in the EU. I will present the contribution of LIFE - the European funding tool for the environment- as one of the instruments of the EU promoting initiatives, best practices and innovative technologies on Climate Change Adaptation in Europe.



Professor Jean Palutikof, Griffith University

Professor Jean Palutikof is Director of the National Climate Change Adaptation Research Facility at Griffith University, and Co-Chair of the Scientific Steering Committee for PROVIA. She moved to Griffith University in 2008, having previously managed the production of the Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report for Working Group II (Impacts, Adaptation and Vulnerability), while based at the UK Met Office. Prior to joining the Met Office, she was a Professor in the School of Environmental Sciences, and Director of the Climatic Research Unit, at the University of East Anglia, UK, and a Lecturer at the Department of Geography, University of Nairobi, Kenya. Her research interests focus on climate change impacts and adaptation, and the communication of knowledge to adaptation decision-makers. A particular interest is extreme events and how to manage these in a changing world. She was a Lead Author for Working Group II of the IPCC Second and Third Assessment Reports, and a Review Editor for the Fifth Assessment.

Adaptation sits at the coalface of climate change action. As we singularly fail to make progress with climate change mitigation, and are faced with the increasing necessity and urgency of managing the impacts, a whole range of challenges emerges which seems

to prevent action. In this talk, I will explore some issues around the knowledge-adaptation interface, and the contribution, actual and potential, of research to adaptation. I am involved with two organisations that seek to develop and deliver research and knowledge for adaptation. They function at two very different spatial scales. The first is PROVIA, the Global Programme of Research on Climate Change Vulnerability, Impacts and Adaptation. Its goal is to support the global community of researchers in the field through four objectives: 1) coordinating research on climate impacts, vulnerability and adaptation, 2) guiding investment in research, 3) communicating high-quality scientific information to governments and international agencies, and 4) building research capacity, especially in developing countries. The second is NCCARF, the National Adaptation Research Facility, based in Australia, which currently works with local councils in the coastal zone to manage sea-level rise and the risks of climate change. I will use my experiences in these organisations to explore three issues around the research-policy-action intersection. These concern:

- 1. The role of research and knowledge in planning and implementing adaptation;*
- 2. The role of communication in the transfer of knowledge;*
- 3. The role of research in understanding the outcomes of adaptation.*

They will be explored using examples and experiences from the world of adaptation and, in particular, PROVIA and NCCARF.



Amanda Cockroft, Biography

Having worked as a manufacturing and development engineer for BAE Systems throughout the Nineties, Amanda went on to become company design authority on precision demolition systems and led various multi-disciplinary development teams. Between 1999 and 2003, she established her reputation as the force behind the design initiative, Dundee

by Design, which boosted the regional economy by raising awareness and facilitating the integration of, design and product development into SMEs.

As a skilful developer of innovation, Amanda has been invited to contribute to programmes, consultations and advisory groups, by key influencers including UK and Scottish government - she was a member of the the Ministerial Working Group on the Creative Industries in Scotland as well as a contributor to The UK's Cox Review of Creativity in Business.

Amanda has worked with a range of leaders of the powerful creative industries sector - including with The Lighthouse, Scotland's Centre for Design, Architecture and the City, developing national strategies and creating results-focused business communities. She was also involved with the creation of new research centres at The Glasgow School of Art – The Glasgow Urban Lab and The Institute of Design Innovation.

Amanda established herself in Copenhagen after receiving an invitation to become UNICEF's first Innovation Chief at the Supply Division HQ, where she oversaw the establishment of a state-of-the-art Innovation Lab, and the development of an innovation system.

Amanda brings a broad knowledge of the development of innovation in a range of related sectors – including the creative, manufacturing, engineering, aerospace, automotive and humanitarian industries – to her role as Deputy Director of Innovation at Climate-KIC. Her

approach is always practical and she endeavours to bring the very latest thinking in innovation to all of her projects.

Amanda enjoys keeping fit and healthy, cooking and entertaining, travel and current affairs.



Connie Hedegaard, Chair of KR Foundation and Chair of the OECD Round Table for Sustainability

Former EU Commissioner for Climate Action (2010-2014), Denmark's Minister for the Environment (2004-07) and for Climate and Energy (2007-2009), former MP first elected to the DK Parliament 1984. Left Parliament in 1990 for Journalism. Have held different positions in written press,

Head of Radio News, Danish Public Radio and TV (DR), anchor DR2 program Deadline.



Dr. Bente Pretlove, Director for Climate Change at DNV GL

Bente Pretlove is the Programme Director for Climate Change at DNV GL Strategic Research and Innovation. She is a member of the Board for the Climate Change research program "Klimaforsk" at the Norwegian Research Council and a member of the Transdisciplinary Advisory Board (TAB) for JPI Climate. She represents DNV GL in the Climate and Energy

leadership group of the World Business Council for Sustainable Development (WBCSD).

Bente is also the Project Director for DNV GL's strategic partnership with UNEP to support the implementation of a Climate Technology Centre and Network under the UNFCCC Technology Mechanism.

Bente has an academic background in Chemical & Bioprocess Engineering and a Ph.D. in Environmental system analysis and cleaner production. She has also attended the DNV GL executive technology program, Top Tech, at University of California Berkeley.

From Climate Information to Private Sector Decision Making

DNV GL's central purpose is to safeguard life, property and the environment and through this to positively impact the safety and sustainability of business and society. We are contributing with knowledge and tools that support the needed transformation to a low carbon future as well as adapting and building resilience to a changing climate. Through our risk-based approaches we are working to translate climate information to an actionable decision basis for the private sector. The presentation will focus on DNV GL's work to develop tools and best practices; taking a systems approach and acknowledging that technology, human behaviour, socio-ecological systems and impacts are closely inter-related.



Prof. Jiang Tong, National Climate Centre, Beijing, China

Dr Jiang has spent nearly 20 years working on climate change, water resources management and floods/drought analysis in the National Climate Centre under the China Meteorological Administration. Dr Jiang is specialised working in assessment of climate induced hazards in Asian larger Rivers, in particular in flood loss assessment in the Yangtze River Basin.

He is also leading or involving several programmes, e. g. water governance in the larger

Asian river basins of the South and Central Asia Water Initiative funded by World Bank with a framework of past Abu Dhabi Dialogue World Bank/GEF program for climate technology needs assessment of the Chinese disaster forecast and weather Monitoring Sector, German GIZ program for disaster risk financial transfer and feasibility of weather index-based insurance in developing countries, for those, first production of commercial weather index based insurance in China was approved by China Insurance Regulation Committee in 2012. Dr. Jiang is an Associate editor for Hydrological Sciences Journal (2005-2010) and Atmospheric Research (2011-2014). Dr. Jiang is a leading author for IPCC AR5 WGII CH3: Fresh Water Resources. He is also one of leading authors of National Climate Change Program (2014-2020), 2nd and 3rd China National Climate Change Reports, and China National Assessment Report on Risk management and Adaptation of Climate Extremes and Disasters.

Building a Resilience Society through adaptation, climate services for risk management in China and Asian Countries - focus particularly on China and EU cooperation

Recently, in order to build a resilience society for China and Asian Countries, a book with a title of "China National Assessment Report on Risk management and Adaptation of Climate Extremes and Disasters" has been published in China the aim of this report is to provide recommendations and suggestions to decision makers to implement a resilience society through climate change adaptation and climate services for reducing future climate related risks. Detailed suggestions can be presented in this talk. The Chinese experiences for strategy of building resilience society can be transfer to Asian counties, in particularly for Central and Southeast Asian counties, as those countries have been connected with China through several larger international trans-boundary rivers. Finally, several cooperation programmes in term of China-EU cooperation are listed and briefly introduced.



Prof. Frans Berkhout, Kings College London

Frans Berkhout is Professor of Environment, Society and Climate in the Department of Geography, King's College London and Interim Director of the Future Earth programme based at the International Council for Science in Paris. Between 2004 and 2012 he was Director of the Institute for Environmental Studies (IVM) and the Amsterdam Global Change Institute (2010 to 2013) at the Vrije Universiteit in Amsterdam, The Netherlands. Before that he held posts at SPRU (Science and Technology Policy Research), University of Sussex (UK), and was Director of the UK Economic and Social Research Council's (ESRC) Global Environmental Change and Sustainable Technologies programmes. Berkhout holds a Geography BSc (University of Leeds, 1983) and a PhD in Science and Technology Policy Studies (University of Sussex, 1989). He did post-doctoral research at Princeton University (US). Among other advisory roles, Professor Berkhout is a lead author in the IPCC's Fifth Assessment Report (2007) and an international member of the Research Evaluation Framework (REF) of the Higher Education Funding Council for England (HEFCE). He sits on the editorial boards of Research Policy, Global Environmental Change, Journal of Industrial Ecology and Current Opinion on Environmental Sustainability.

Adaptation grows up: Paris 2015 and what it means for the debate about climate resilience
The UNFCCC COP20 in Lima in December 2014 marked another important step in international policy attention for adaptation in the face of climate change. As the outlines of a new climate agreement, to be agreed in Paris at the end of 2015, become clearer - allowing a large measure of discretion to countries to determine their own contributions to emissions reduction – much greater emphasis is being placed on adaptation and building resilience. The talk will try to assess the current state of the international policy debate on adaptation and loss-and-damage, what this means for the Paris agreement and look forward to implications for adaptation action and research.



Mohammad Reza Mortazavi (Percussion)

Born in Isfahan/Iran in 1978 Mohammad Reza Mortazavi started taking Tombak lessons at the age of 6. Overwhelmed by the power and fascination of music he learned to play the drum so quickly as to leave his teacher unable to teach him any more skills at the age of 9. Mohammad Reza Mortazavi won the annual Iranian Tombak competition, in which only the country's best musicians are allowed to participate, for the first time when he was 10 years old. In the following years he continued to win this competition and at the age of just 20 was considered by many as the world's best Tombak player. In the course of his career he developed over 30 new striking and finger techniques and revolutionised the traditional way of playing – not always to the joy of the old masters. The audience in Teheran was delighted and his concerts were regularly sold out. Apart from releasing several CDs he has been invited to a range of concerts throughout Europe, where he has swept audiences off their feet. He has now been living and working very successfully in Germany for the past eleven years. In 2003 he received the German World Music Award RUTH in the newcomers' category – as one of over 600 candidates. His concert successes were crowned by a solo concert he gave at the Philharmonie in Berlin in March 2010.



Behnam Shirazi (Guitarist).

Originally from Iran in 1963 but now living in Denmark for the past many years. He has played the guitar since he was 10 and has a Masters degree in from the Royal classical conservatorium in Copenhagen He is both a skilled guitar builder and a gifted classic guitarist who is a teacher of classical guitar at a music school in the greater Copenhagen area. Mr. Shirazi has performed at numerous solo and chamber concerts. He will play a few selected pieces of guitar music.

SCIENTIFIC PROGRAMME

| Time | Monday 11th May | Time | Tuesday 12th May | Time | Wednesday 13th May | Time | Thursday 14th May |
|---------------|---------------------|---------------|--------------------------------------|---------------|---|---------------|---|
| | | 08.00 – 10.00 | Registration | 08.30 – 10.30 | Sessions & workshops | 08.30 – 10.30 | Sessions & workshops |
| | | 10.00 – 12.00 | Opening plenary | 10.30 – 11.00 | Break | 10.30 – 11.00 | Break & poster session |
| | | 12.00 – 13.00 | Break | 11.00 – 13.00 | Sessions & workshops | 11.00 – 13.00 | Sessions & workshops |
| | | 13.00 – 14.00 | Lunch & mid-day plenary | 13.00 – 14.00 | Lunch & mid-day plenary | 13.00 – 14.00 | Lunch, mid-day plenary & poster session |
| 15.00 – 17.30 | Registration | 14.00 – 16.00 | Sessions & workshops | 14.00 – 16.00 | Sessions & workshops | 14.00 – 16.00 | Closing plenary |
| | | 16.00 – 16.30 | Break | 16.00 – 16.30 | Break | | |
| 18.00 – 20.00 | City hall reception | 16.30 – 19.00 | Sessions, workshops & poster session | 16.30 – 19.00 | Sessions, workshops & poster session | | |
| | | | Site visits | 18.30 – 20.00 | Reception. Confederation of Danish Industry | | |

PARALLEL SESSIONS

| TOPIC | TITLE | LOCATION |
|-----------------|--|---------------------------|
| TOPIC | <u>Tuesday am</u> <u>10:00-12:00</u> | LOCATION |
| Opening plenary | <p>Welcome – moderated by: Sandrine Dixson-Declève Hans Sanderson, ECCA2015 chair Brian Bech Nielsen, President of Aarhus University Lykke Leonardsen, City of Copenhagen</p> <p>Speakers Kurt Vandenberghe, Director, Climate Action and Resource Efficiency Presentation of the three hosting European projects: BASE, RAMSES and ToPDad Hans Bruyninckx, Director, European Environment Agency (EEA) Kirsten Brosbøl, Minister of Environment, Denmark</p> <p>Jens Hesselbjerg Christensen, Danish Meteorological Institute Henk Ovink, Special Envoy on International Water Affairs for the Kingdom of The Netherlands</p> <p>Mohammad Reza Mortazavi, percussions</p> <p>Panel discussion: Adaptation challenges and opportunities. Moderated by Sandrine Dixson-Declève between the four strands of the conference:</p> <p><i>Business:</i> Bente Pretlove DNV GL; Christina Busk (DI); Rasmus Valanko (WBCSD) <i>Research:</i> Frans Berkhout (Kings College) & Jens Hesselbjerg Christensen (DMI) <i>Practitioners:</i> Lykke Leonardsen (Copenhagen) & Henk Ovink (Netherlands) <i>Policy:</i> Kurt Vandenberghe (DG CA&RE); Hans Bruyninckx (EEA); Kirsten Brosbøl (Danish Environment Minister)</p> | Auditorium 10, 11 & 12 |

| TOPIC | TITLE | LOCATION |
|---------------------------------------|---|------------------|
| Posters and Expo | | |
| TOPIC | Tuesday pm 13:15-13:45 | LOCATION |
| Midday Plenary | Jiang Tong , China Meteorological Administration Chaired by María Máñez Costa, Climate Service Center 2.0 | Auditorium 10 |
| Midday Plenary | Frans Berkhout , Kings College, London Chaired by Michael Goodsie, Syddansk University | Auditorium 11 |
| Midday Plenary | Claus Kondrup , DG Climate Action, Adaptation Unit Sarah Hendel-Blackford , Ecofys UK Linda Romanovska , Fresh Thoughts Consulting Chaired by Tiago Capela Lourenço, University of Lisbon | Auditorium 12 |
| Posters and Expo | | |
| TOPIC | Tuesday pm 14:00-16:00 | LOCATION |
| European Commission - Plenary Session | 0.1 - European Research and Innovation Roadmap for Climate Services Chair: Marco Gemmer , European Commission, DG Research and Innovation Panel: Jacob, D., Parry, M., Street, R. | Auditorium 10 |
| 14:00 – 14:30 14:35 – 16:00 | 0.2 - Adaptation Futures 2016 outreach to scientific community Chair: Marco Gemmer , European Commission, DG Research and Innovation Panel: Palutikof, J., Parry, M., Klein, R., Gemmer, M., Ovink, H. | Auditorium 10 |
| Adaptation in different sectors | 4.3 Adapting to Climate Change in Tourism: The role of Weather and Climate Services Chair: Franz Pretenthaler | Auditorium 11 |
| 14:00 – 14:20 | Köberl, J. : WEDDA® (Weather Driven Demand Analysis) – A toolbox for managing weather and climate risks in tourism and recreation | |
| 14:20 – 14:40 | Cavan, G. : The importance of tourist type in understanding weather and climate driven demand sensitives | |
| 14:40 – 15:00 | Dunn, M. : IMPRESSIONS: Using visualisations of future climate analogues and contingent ranking to explore potential impacts on the Scottish economy of changed tourist preferences due to climate change related landscape change | |
| 15:20 – 15:20 | Preuschmann, S. : How Climate Services help to adapt to a changing climate | |
| 15:20 – 15:40 | Pretenthaler, F. : WEDDA-4CPI: The use of climate demand models for planning climate proof investments | |
| 15:40 – 16:00 | Podium discussion | |

| TOPIC | TITLE | LOCATION |
|----------------------------------|---|-----------------|
| Adaptation Policy and Governance | 6.5 Multi-level government and climate change adaptation: reconciling bottom-up and top-down perspectives? Chair: Duncan Russel | Auditorium 12 |
| 14:00 – 14:20 | Oberlack, C.: Alleviating barriers to urban climate change adaptation through international cooperation | |
| 14:20 – 14:40 | Den Uyl, R.: Understanding decision making capacity (or the lack of it) to address climate change in settings with unreconciled bottom-up and top-down perspectives | |
| 14:40 – 15:00 | Hildén, M.: What happens locally and why - The relationship between central policy and local action in adaptation in Finland | |
| 15:20 – 15:20 | Pütz, M.: Dealing with problems of fit by rescaling: Multilevel governance of climate change adaptation in Switzerland | |
| 15:20 – 15:40 | Washington-Ottombre, C.: Polycentric Governance and Irrigation Reform in Kenya | |
| 15:40 – 16:00 | Lawrence, J.: The relationship between institutional frameworks and adaptation practice: a country study from New Zealand | |
| Adaptation Policy and Governance | 6.7 Tracking adaptation to climate change Chair: Robbert Biesbroek, James Ford, Lea Berrang-Ford | Auditorium 15 |
| 14:00 – 14:20 | Lesnikowski, A.: Applications in adaptation tracking: A longitudinal assessment of adaptation progress among high-income countries | |
| 14:20 – 14:40 | Massey, E.: The emergence of climate change adaptation as a new field of public policy in Europe | |
| 14:40 – 15:00 | Trabacchi, M. C.: The Landscape of Adaptation Finance | |
| 15:20 – 15:20 | Araos, M.: Adaptation in large cities: a global assessment | |
| 15:20 – 15:40 | Beckmann, K.: Tracking Adaptation in Scotland: 'The How and the Why' | |
| 15:40 – 16:00 | Zoller, M.: Evaluation of climate change adaptation in Switzerland | |
| Adaptation in cities | Workshop 3.1 Case Copenhagen - Part 1: The way we achieved everyday benefits from integrated blue-green climate adaptation Part 1: The efficient process Chair: Lykke Leonardsen Speakers: Leonardsen, L., Bernt Hasling, A., Clauson-Kaas, J., Rafn Thomsen, F. | Meeting room 5 |
| Adaptation in different sectors | 4.10 Safeguarding our Shores: Social and Cultural Dimensions of Coastal Climate Change Adaptation in Europe and the U.S Chair: Grit Martinez | Meeting room 18 |
| 14:00 – 14:20 | Martinez, G.: Why do social-cultural aspects matter when it comes to safeguarding our shores? | |
| 14:20 – 14:40 | Van Dongeren, A.: Coastal risk reduction. Converging approaches in the U.S. and the Netherlands? | |
| 14:40 – 15:00 | Bergsma, E.: Adapting to increased flood losses in flood damage compensation: A comparative analysis of the U.S. and The Netherlands | |
| 15:20 – 15:20 | Waldmann, C.: Bottom-up approaches in adapting to a changing climate: Perspectives from the West Coast of the U.S. and why they could matter for Europe | |
| 15:20 – 15:40 | Davies, M.: Coastal Climate Change Adaptation for Scotland's Historic Environment | |
| 15:40 – 16:00 | Stelljes, N.: A comparison of local adaptation strategies - Results from a qualitative data analysis of nine coastal adaptation strategies | |

| TOPIC | TITLE | LOCATION |
|---------------------------------------|--|-----------------|
| Regional challenges and opportunities | 10. 4 Adaptation policies and measures in the Mediterranean region Chairs: Sergio Castellari, Dr. Silvano Pecora, Jaroslav Mysiak | Meeting room 19 |
| 14:00 – 14:20 | Castellari, S.: Adaptation Strategic Planning toward a NAS in Italy | |
| 14:20 – 14:40 | De Salvo, M.: Climate change impact on wheat in the Mediterranean Region | |
| 14:40 – 15:00 | Pérez Blanco, C. D.: Costs and benefits of incremental water pricing in agriculture. Lessons from the Regione Emilia Romagna in Italy | |
| 15:20 – 15:20 | Colaço, M.: How the multi-sector partnerships can contribute to enhance territory resilience to wildfires in Portugal | |
| 15:20 – 15:40 | Pecora, S.: Climate variability and change in the Emilia Romagna Region – Regional Climate atlas | |
| 15:40 – 16:00 | Sandor, S.: Adaptation in the water sector in Hungary | |
| Social Science and participation | 7.3 Unpacking the co-production of knowledge in adaptation to climate change Chair: David Porter | Meeting room 20 |
| 14:00 – 14:20 | Jones, R.: Integrating theory and practice in adaptation research and implementation | |
| 14:20 – 14:40 | Bergsma, E.: The relationship between experts and democratic actors in the co-production of knowledge on flood damage compensation: The case of flood insurance reform after hurricane Katrina | |
| 14:40 – 15:00 | Bremer, S.: The TRACKS approach to place-based climate knowledge co-production | |
| 15:20 – 15:20 | Von Storch, H.: Developing the concept of regional climate service – 15 years of coastal applications | |
| 15:20 – 15:40 | Hegger, D.: Joint knowledge production for global change adaptation – what is in it for science? | |
| 15:40 – 16:00 | Van Nieuwaal, K.: Co-production of knowledge in adaptation to climate change: empirical results and lessons learnt from The Netherlands | |
| Adaptation in different sectors | Workshop 4.2: Visualising Sea-Level Rise: Bridging the Gap between Science and Adaptation Chair: Diogo De Gusmão-Sørensen Speakers and Moderators: Grinsted, A., Svenstrup Petersen O., de Gusmão-Sørensen, D., Rasmussen, J. | Meeting room 16 |
| Adaptation in cities | Workshop 3.1. Addressing urban climate challenges: Climate Services, Living Labs and Learning Alliances Chair: Rob Swart Speakers: Robrecht, H., Coninx, I., Swart, R. | Meeting room 17 |
| Social Science and participation | Workshop 7.3 Youth workshop Chair: Olav Hesseldahl With Students from Copenhagen International School and Faxehus Efterskole (Boarding School) | Meeting room 7 |

| TOPIC | TITLE | LOCATION |
|---------------------------------------|---|---------------|
| Posters and Expo | | |
| TOPIC | Tuesday pm 16:30-18:30 | LOCATION |
| Adaptation Policy and Governance | 6.4 Adaptation Frameworks – can one size fit all? Chair: Sarah Boulter | Auditorium 10 |
| 16:30 – 16:50 | Webb, B.: Designing adaptation support: addressing common and differentiated needs | |
| 16:50 – 17:10 | Young, C.: The problem solution process framework for adaptation practitioners | |
| 17:10 – 17:30 | Boulter, S.: The Natural Resource Management Checklist: A national framework for adaptation | |
| 17:30 – 17:50 | Dias, L.: Practical application of the UKCIP Adaptation Wizard support framework to 29 Portuguese municipalities: transferability, contexts, barriers and levers | |
| 17:50 – 18:10 | Beck, C.: Climate Change Adaptation and Transformation through an Ecoregion Placemaking Approach | |
| 18:10 – 18:30 | Hamden, R.: Adaptation Planning in the Torres Strait and South Australia—A case study comparison of two different cultures and communities | |
| Adaptation in different sectors | 4.1 Reducing Coastal Vulnerability in Europe: science, policy and application Chair: Ap Van Dongeren | Auditorium 11 |
| 16:30 – 16:50 | Martinez, G.: Social-cultural aspects in coastal vulnerability and risk reduction: perspectives for end-users and policymakers | |
| 16:50 – 17:10 | Viavattene, C.: Socio-economic aspects for regional scale vulnerability and risk assessment – vulnerability library | |
| 17:10 – 17:30 | Vojinovic, Z.: Risk Assessment aspects: development of the Risk Assessment Framework and onTology (RAFT) | |
| 17:30 – 17:50 | Manojlovic, N.: Hamburg: Holistic approach to flood risk management in the Elbe Estuary | |
| 17:50 – 18:10 | Armaroli, C.: Emilia-Romagna Coast: Coastal threats and measures | |
| 18:10 – 18:30 | Bramati, M. C.: Environmental conflicts in coastal areas: a quantitative approach | |
| Regional challenges and opportunities | 10.3 Adaptation without Borders? How policy and practice can address the indirect impacts of climate change Chairs: Magnus Benzie, Henrik Carlsen | Auditorium 12 |
| 16:30 – 16:50 | Carlsen, H.: Introducing a pathway-based conceptual framework to identify the indirect impacts of climate change | |
| 16:50 – 17:10 | Canevari, L.: Adaptation beyond the firm: the role of networks in business environments | |
| 17:10 – 17:30 | Hedlund, J.: A global index of exposure to the indirect impacts of climate change and examples from Sweden | |
| 17:30 – 17:50 | Carter, T.: Addressing implications of the indirect impacts of climate change for Europe exemplified with the case of Finland | |
| 17:50 – 18:30 | Panel with: Andersson, L., Carlsen, H., Canevari, L., Carstens, C., Hildén, M. | |

| TOPIC | TITLE | LOCATION |
|----------------------------------|--|-----------------|
| Adaptation Policy and Governance | 6.7 Tracking adaptation to climate change Chair: Robbert Biesbroek, James Ford, Lea Berrang-Ford | Auditorium 15 |
| 16:30 – 16:50 | Leiter, T.: Tracking adaptation to climate change across scales: avenues and practical approaches | |
| 16:50 – 17:10 | Capela Lourenço, T.: The dynamics of local climate change adaptation in Portugal: tracking down action in front-runner municipalities | |
| 17:10 – 17:30 | Kingsborough, A.: Linking monitoring and evaluation with risk assessment and decision making for climate change adaptation: demonstration of an integrated approach | |
| 17:30 – 17:50 | Driscoll, P.: Bridging the QUAN/QUAL divide in comparative climate change planning | |
| 17:50 – 18:10 | Vinke-de Kruijf, J.: Evaluation and comparison of adaptation actions: a diagnostic and process-oriented approach | |
| 18:10 – 18:30 | Panel chaired by Biesbroek, R., James, J., Berrang-Ford, L. | |
| Adaptation in cities | Workshop 3.2 Case Copenhagen - Part 2: The way we achieved everyday benefits from integrated blue-green climate adaptation - Part 2: The tools, documentation, financing and implementation Chair: Lykke Leonardsen Speakers: Leonardsen, L., Hasling, A. B., Clauson-Kaas, J., Thomsen, F. R., Weiss Garne, T., Bach, O. | Meeting room 5 |
| Infrastructures | 5.2 The role of critical infrastructures in disaster risk mitigation Chair: Elco Koks and Lorenzo Carrera | Meeting room 18 |
| 16:30 – 16:50 | Pant, R.: Understanding national scale systemic risks due to critical infrastructure network failures | |
| 16:50 – 17:10 | Nicolai, R.: Flood risk assessment for the port of Rotterdam infrastructure | |
| 17:10 – 17:30 | Mysiak, J.: Disruption of a drainage infrastructure system: economic outcomes and risk mitigation policies | |
| 17:30 – 17:50 | Kellermann, P.: Frequency analysis on critical meteorological conditions in a changing climate - Assessing future implications for railway transportation in Austria | |
| 17:50 – 18:10 | Harjanne, A.: Potential of intramodal and cross-modal substitution in enhancing the resilience of air transport – Evidence from European airports | |
| 18:10 – 18:30 | Master, E.: Ventura, A strategy for public infrastructure resilience: Case study of El Salvador in Central America | |
| Adaptation Policy and Governance | Workshop 6.1 Monitoring, reporting and evaluation of climate change adaptation at national level Chair: Stéphane Isoard Speakers: Nieto-Silleras, S., Isoard, S., Thompson, D., van Rühr, P., Schönthaler, K., McCallum, S., Mullan, M. | Meeting room 19 |

| TOPIC | TITLE | LOCATION |
|---------------------------------------|--|-----------------|
| Regional challenges and opportunities | 10.1 Climate Change & Societies' Adaptive Capacity in the Arctic - In a Multi-Level and Interdisciplinary Perspective Chair: Michael Goodsite | Meeting room 20 |
| 16:30 – 16:50 | Davidsdottir, B.: Potential Impact of Adapting Energy Supply System to Climate Change in Iceland | |
| 16:50 – 17:10 | Pacheco, V.: Impact Benefit Agreements as Mechanisms for Climate Change Adaptation | |
| 17:10 – 17:30 | Muir, M.: Indigenous Participatory Engagement in Circum-Arctic Adaptation Through the Arctic Council and National Structures and Processes | |
| 17:30 – 17:50 | Cassotta, S.: Climate Change and Human Security in a Multi-Level Dimension: The Case of the Arctic Ocean with the Role of China as an Unpredictable Variable for Arctic Security | |
| 17:50 – 18:10 | Goodsite, M.: Adaptation to Climate Change for Military and Research Camps in the Arctic: New Bases – Old Challenges | |
| 18:10 – 18:30 | Wrapping up the Session & Reflections on Future Directions | |
| Climate services and communication | Workshop 8.2 What's needed to turn climate information into climate services for Europe? Chairs: Bernd Hezel, Richard Klein, Christian Bjørnæs | Meeting room 16 |
| Adaptation in cities | Workshop 3.1 Addressing urban climate challenges: Climate Services, Living Labs and Learning Alliances Chair: Jonas Bylund Speakers: Robrecht, H., Swart, R., Coninx, I. | Meeting room 17 |
| Infrastructures | Workshop 5.2 Sustainable Dredging Approaches to Climate Change Adaptation: Solutions from the European Dredging Community Chair: Polite Laboyrie Speakers: Kropp, J., De Boissezon, B., de Boer, P., Malfère, V., Malherbe, B., Sansoglou, P. | Meeting room 7 |
| Posters and Expo | | |
| TOPIC | Wednesday am 08:30-10:30 | LOCATION |
| Climate services and communication | 8.3 Curating climate impact information and adaptation know-how for local adaptation planning — suitable instruments, formats and media Chair: Bernd Hezel | Auditorium 10 |
| 08:30 – 08:50 | Hutt, L.: Support for local government in England | |
| 08:50 – 09:10 | Groot, A.: Closing the gap: How boundary workers can bridge the gap between climate impact information provided and its application by users | |
| 09:10 – 09:30 | Hackenbruch, J.: Identifying practical climate parameters for regional adaption planning | |
| 09:30 – 09:50 | Van de Ven, F.: Adaptation Support Toolbox | |
| 09:50 – 10:10 | Meinke, I.: Providing information – enabling knowledge | |
| 10:10 – 10:30 | Terenzi, A., Mendizabal, M.: Co-creating climate and adaptation knowledge: Experiences from the RAMSES project | |

| TOPIC | TITLE | LOCATION |
|---------------------------------|---|---------------|
| Dealing with risks | 9.4 High-end climate change: Can we adapt to extreme futures? Chairs: Paula Harrison, Richard Betts and Agustin Sanchez-Arcilla | Auditorium 11 |
| 08:30 – 08:50 | Betts, R. : Scenarios of climate change impacts and adaptation above 20C global warming | |
| 08:50 – 09:10 | Alfieri, L. : Ensemble evaluation of the future flood risk in Europe under high-end climate scenarios | |
| 09:10 – 09:30 | Rounsevell, M. : Evaluating the performance of models of impacts and adaptation under high-end climate change | |
| 09:30 – 09:50 | Sanchez-Arcilla, A. : Adaptive coastal zones: A concept to improve natural resilience in the face of climate change | |
| 09:50 – 10:10 | Frantzeskaki, N. : Linking transformative visions, pathways and solutions to high-end climate change: A systems approach | |
| 10:10 – 10:30 | Science-policy panel with: Gemmer, M., Manoli, E., Betts, R., Sanchez-Arcilla, A. | |
| Adaptation in different sectors | 4.8 Drivers for decision making amongst forest owners Chair: Bill Slee | Auditorium 12 |
| 08:30 – 08:50 | Yousefpour, R. : Forestry professional's perceptions of climate change, impacts and adaptation strategies for forests in South-West Germany | |
| 08:50 – 09:10 | Petr, M. : Understanding of quantified and perceived uncertainty affecting forest planners decision-making | |
| 09:10 – 09:30 | André, K. : The role of social networks in communicating knowledge on climate change adaptation among forestry stakeholders in Sweden | |
| 09:30 – 09:50 | Lawrence, A. : From nursery to saw mill: stakeholder perspectives driving conifer diversification in public and privately owned forests | |
| 09:50 – 10:10 | Vulturius, G. : Assessing and explaining individual engagement with climate change adaptation and preferences for adaptation measures | |
| 10:10 – 10:30 | Panel discussion with introduction from Eriksson, H. and presenters. | |
| Economics | 2.3 Economics of Adaptation – European Case Studies on the Costs and Benefits of Climate Change and Adaptation Chair: Sven Schulze | Auditorium 15 |
| 08:30 – 08:50 | Jahn, M. : Regional costs and benefits of adaptation to extreme weather events: A SCGE framework | |
| 08:50 – 09:10 | Koks, E. : The economic-wide consequences of large-scale floods. How resilient is the European economy? | |
| 09:10 – 09:30 | Drosdowski, T. : Germany and extreme weather events: Do investments in adaptation measures pay off? | |
| 09:30 – 09:50 | Bednar-Friedl, B. : Direct and indirect effects of climate change on public budgets: A CGE analysis for Austria | |
| 09:50 – 10:10 | Perrels, A. : The economic impacts of climate change on critical infrastructure in Europe | |
| 10:10 – 10:30 | Standardi, G. : Assessing the economic equilibrium effects of sea level rise in the Italian regions | |

| TOPIC | TITLE | LOCATION |
|---------------------------------|--|-----------------|
| Adaptation in cities | 3.2 Integrating adaptation and mitigation strategies in urban areas: The UCCRN Assessment Report on Climate Change and Cities Chair: Stelios Grafakos | Meeting room 5 |
| 08:30 – 08:50 | Pacteau, C.: Exploring the interrelationships between adaptation and mitigation strategies in urban areas: The UCCRN Assessment Report on Climate Change and Cities | |
| 08:50 – 09:10 | Schwarze, R.: Economics, finance and the role the private sector in climate change action of cities - a survey and assessment | |
| 09:10 – 09:30 | Jean-Baptiste, N.: Integrating adaptation and mitigation in the housing sector | |
| 09:30 – 09:50 | Pelizzaro, P.: SEAP and LAP (Local Adaptation Plan) development Participatory Process: Critical points and Opportunities | |
| 09:50 – 10:10 | D'Acci, L.: Integrating low carbon and climate adaptation benefits in an integrated Sustainability Benefits assessment methodology | |
| 10:10 – 10:30 | Panel discussion: Lessons learned from selected cities integrating adaptation and mitigation strategies | |
| Adaptation in different sectors | 4.11 ToPDAd-tools for adaptation in energy, transport and tourism Chair: Tony Rosqvist | Meeting room 18 |
| 08:30 – 08:35 | Rosqvist, T.: ToPDAd's objectives vs. ToPDAd output | |
| 08:35 – 08:50 | Perrels, A.: Review of sector level effects in Europe: scenarios, adaptation options, costs | |
| 08:50 – 09:10 | Aaheim, A.: The dependency on economic development for adaptation to climate change | |
| 09:10 – 09:30 | Crawford-Brown, D.: Sectors' vulnerability assessment – Case energy, transport, tourism | |
| 09:50 – 10:10 | Lokers, R.: An integrated view on regional and sector assessments | |
| 10:10 – 10:25 | Prettenthaler, F.: Toolbox for managing wheather related risk in the tourism sector | |
| 10:25 – 10:30 | Rosqvist, T.: Closing remarks | |
| Adaptation in cities | 3.3 Developing and implementing local adaptation strategies – approaches and support for local governments Chair: Steffen Bender | Meeting room 19 |
| 08:30 – 08:50 | Hutt, L.: Support for local government in England | |
| 08:50 – 09:10 | Masselink, L.: Method for mainstreaming climate change into municipal spatial planning | |
| 09:10 – 09:30 | Bosch, P.: Linking adaptation to asset management: a planning tool | |
| 09:30 – 09:50 | Glavan, J.: Utilizing Blue Carbon bundeled with ecosystem services as part of National Climate Change Adaptation Strategies | |
| 09:50 – 10:10 | Chiang, Y. C.: Community-based empowerment mechanism for climate adaptation – A case study of flood-prone urban area of Taiwan | |
| 10:10 – 10:30 | Groth, M.: How to adapt to climate change – challenges for cities | |

| TOPIC | TITLE | LOCATION |
|------------------------------------|---|-----------------|
| Business | 1.3 A systems perspective for smarter cities: Resilience requires integrated, co-designed, adaptation and mitigation strategies Chair: Asuncion Lera St. Clair | Meeting room 20 |
| 08:30 – 08:50 | Mangalagiu, D.: Systems thinking and complex systems approaches to better understand urban resilience | |
| 08:50 – 09:10 | Christiansen, A.: A systems perspective for resilient cities | |
| 09:10 – 09:30 | Baron, G.: The Transformation to Resilient Cities | |
| 09:30 – 09:50 | Ramanarayanan, V.: Understanding and developing a tiered structure for defining Smart Sustainable Cities | |
| 09:50 – 10:10 | Ikert, A.: Examples of Creative Solutions and Resilience from C40 megacities and innovator cities | |
| 10:10 – 10:30 | Panel discussion , moderated by Asuncion Lera St. Clair | |
| Climate services and communication | Workshop 8.1 User's feedback on climate change adaptation platforms Chair: André Jol Speakers: Jol, A., Street, R., Mattern, K., Grøndahl, L., Picatoste Ruggeroni, J. R. | Meeting room 16 |
| Adaptation in different sectors | Workshop 4.3 Governing climate adaptation: how to promote change towards more flood resilient cities in northern Chair: Peter Driessen Speakers: Raadgever, T., van Rijswijk, M., van Veelen, P., Green, C. or Alexander, M., Nickson, A., Ek, K. / Pettersson, M., Moback, U., Liefferink, D. | Meeting room 17 |
| Adaptation in different sectors | Workshop 4.4 From Water to Growth in urban areas Chair: Mikkel Thomassen Speakers: Rungø, M., Bundsgaard, J., Gjæraa, A. M., Hedensted, D., Thomassen, M., Hinsby, P. | Meeting room 7 |

| TOPIC | TITLE | LOCATION |
|------------------------------------|--|---------------|
| Posters and Expo | | |
| TOPIC | Wednesday am/pm 11:00-13:00 | LOCATION |
| Climate services and communication | 8.3 Curating climate impact information and adaptation know-how for local adaptation planning — suitable instruments, formats and media Chair: Bernd Hezel | Auditorium 10 |
| 11:00 – 11:20 | Grothmann, T.: Reducing the gap between climate services and their potential users: Psychological surveys as a means for developing effective communication instruments | |
| 11:20 – 11:40 | Seebauer, S.: How to approach citizens about prevention? The potential of volunteer workers in disaster emergency and relief services as risk communicators | |
| 11:40 – 12:00 | O'Dwyer, B.: Ireland's Climate Information Platform - Enabling Local-level Adaptation Planning in Ireland | |
| 12:00 – 12:20 | Hoogvliet, M.: The Dutch Web Portal for Spatial Adaptation | |
| 12:20 – 12:40 | Avelar, D.: Using a game approach to support decision-makers' appraisal of climate adaptation measures: an example from the water utility sector | |
| 12:40 – 13:00 | Fish bowl panel, moderator: Bernd Hezel | |
| Adaptation in cities | 3.10 Urban green as part of an effective local adaptation strategy Chair: Frans van de Ven | Auditorium 11 |
| 11:00 – 11:20 | Splittgerber, V.: Green City Solutions - The CityTree | |
| 11:20 – 11:40 | Martinussen, P.: Excess green areas in social housing neighborhoods present cities with a storm water solution. – And could it potentially be a win - win? | |
| 11:40 – 12:00 | Rémy, E.: Creating Green, Water Sensitive Streets the Danish Way – Developing and Designing with and for the Citizens | |
| 12:00 – 12:20 | Groot, H.: Building with Nature in urban areas: Climate adaptation in the Rotterdam harbour region, the Netherlands | |
| 12:20 – 12:40 | Zardo, L.: Nature-based urban planning: enhancing green areas design for local climate regulation | |
| 12:40 – 13:00 | Snep, R.: Implementing local adaptation strategies that incorporate urban green – lessons from green city practice | |
| Adaptation in different sectors | 4.8 Drivers for decision making amongst forest owners Chair: Bill Slee | Auditorium 12 |
| 11:00 – 11:20 | Vedel, S. E.: Forest owner's social preferences for the provision of forest ecosystem services | |
| 11:20 – 11:40 | Blennow, K.: Adapting to indirect effects of climate change – motivations and attitudes among European forest owners towards supplying biomass as feedstock for energy | |
| 11:40 – 12:00 | Mäkinen, K.: Biodiversity conservation in a changing climate – limits and opportunities for adaptation in Finland's privately owned forests | |
| 12:00 – 12:20 | Dunningham, A.: Decision making in forestry enterprises | |
| 12:20 – 12:40 | Jönsson, A. M.: Tool development for analyzing forest owners' strategies to manage risks and adapt to climate change | |
| 12:40 – 13:00 | Panel discussion with introduction from Normark, E. and presenters. | |

| TOPIC | TITLE | LOCATION |
|----------------------------------|--|-----------------|
| Economics | 2.2 Comparing costs and benefits of adaptation implemented by different actors Chair: Jana Koerth, Daniel Osberghaus | Auditorium 15 |
| 11:00 – 11:20 | Hegger, D.: The role of residents in climate adaptation: a systematic overview of default and alternative roles | |
| 11:20 – 11:40 | Kreibich, H.: Efficiency of private precautionary measures for fluvial flood risk reduction in a changing environment | |
| 11:40 – 12:00 | Mees, H.: Flood risk management at property level: a matter of costs and benefits? | |
| 12:00 – 12:20 | Da Silva, L.: Coastal management in a changing climate: A cost-benefit perspective for 5 coastal communities in Quebec, Canada | |
| 12:20 – 12:40 | Alves, F.: Cost-benefit analysis in climate change: the use of participatory methodologies | |
| 12:40 – 13:00 | Kutluay, M.: Valuing malaria morbidity: Results from a global meta-analysis | |
| Adaptation in cities | 3.1 Understanding and supporting adaptation decision-making in Nordic built environments: results from NORD-STAR Chair: Richard Klein | Meeting room 5 |
| 11:00 – 11:20 | Landauer, M.: The influence of socio-cognitive and cultural factors on adaptation and mitigation decision-making and planning in Copenhagen | |
| 11:20 – 11:40 | Baron, N.: Understanding controversies in urban climate change adaptation: a case study of the role of homeowners in the process of climate change adaptation in Copenhagen | |
| 11:40 – 12:00 | Fazeli, R.: Short-run and long-run climate change impacts on residential electricity consumption | |
| 12:00 – 12:20 | Opach, T.: Participatory mapping of resilience indicators | |
| 12:20 – 12:40 | Glaas, E.: VisAdaptTM: Interactive visualization of climate change risks and adaptation options for Nordic homeowners | |
| 12:40 – 13:00 | Klein, J.: Steering with soft policy instruments: is adaptation a private good? | |
| Social Science and participation | 7.2 Decision support in climate change adaptation – Supply and demand side perspectives Chair: Sabine Weiland, Volker Meyer, Oliver Gebhardt | Meeting room 18 |
| 11:00 – 11:20 | Mattern, K.: Decision support for adaptation at European level - The European Climate Adaptation Platform | |
| 11:20 – 11:40 | Goossen, W. J.: Making decision support tools with stakeholders: practice from The Netherlands | |
| 11:40 – 12:00 | Kind, C.: Evaluating a decision support tool with users from municipalities | |
| 12:00 – 12:20 | Lawrence, J.: A decision tool in practice: experiencing deep uncertainty that changed the game | |
| 12:20 – 12:40 | Capela Lourenço, T.: Understanding adaptation related decision-making under uncertainty: will 'high-end' scenarios require 'high-end' decision-making frameworks | |
| 12:40 – 13:00 | Harley, M.: Supporting adaptation decision-making in the Netherlands: learning through effective monitoring | |

| TOPIC | TITLE | LOCATION |
|---------------------------------|--|-----------------|
| Adaptation in cities | 3.6 Reconciling adaptation and mitigation in cities: Part I - The science basis: Recent methodological advances Chair: Alistair Ford | Meeting room 19 |
| 11:00 – 11:20 | Ford, A.: Reconciling Adaptation and Mitigation in Cities: The RAMSES Integrated Assessment modelling approach | |
| 11:20 – 11:40 | Viguie, V.: Urban containment and vulnerability to heat waves | |
| 11:40 – 12:00 | Antti, R.: Imagining urban futures in climate change strategy-making – agility and novelty of small nation | |
| 12:00 – 12:20 | Sjödin, A.: Integration of adaptation and mitigation in risk management – a local perspective | |
| 12:20 – 12:40 | Caparros-Midwood, D.: Optimised spatial planning to reconcile adaptation and mitigation objectives | |
| 12:40 – 13:00 | Grafakos, S.: Barriers and opportunities of integrated climate change and adaptation: Exploring interrelationships between adaptation and mitigation actions in urban areas | |
| Adaptation in different sectors | 4.4 Governance of Drought Adaptation in Europe: Different Regions, same Challenges? Chair: Rodrigo Vidaurre, María Mañez, Jenny Tröltzsch | Meeting room 20 |
| 11:00 – 11:20 | Pulido-Velazquez, M.: Integrated approaches for designing river basin management adaptation under uncertainty | |
| 11:20 – 11:40 | Giordano, R.: System Dynamic Modelling to assess the effectiveness of drought risk management policies at local level: some hints from the Apulia region (Southern Italy) | |
| 11:40 – 12:00 | Lizjenga, S.: The DROP-project, benefit of governance in drought adaptation | |
| 12:00 – 12:20 | Iglesias, A.: Adaptation to less water in the future: Acceptance of solutions by local communities in the Tagus basin, Spain | |
| 12:20 – 12:40 | Bressers, H.: Multilevel governance affecting regional drought adaptation measures | |
| 12:40 – 13:00 | Pedersen, A. B.: Barriers and opportunities in European agricultural climate adaptation – four case studies on farmer climate adaptation to droughts and flooding | |
| Business | Workshop Meet the buyer – Event Chair: Douglas Crawford-Brown | Meeting room 16 |
| Adaptation in different sectors | Workshop 4.3 Governing climate adaptation: how to promote change towards more flood resilient cities in northern Europe Chair: Peter Driessen | Meeting room 17 |
| | Köberl, J., Cavan, G., Dunn, M., Preuschmann, S., Prettenthaler, F. | |
| Adaptation in cities | Workshop 3.6 Cities and climate change impacts – Bridging the scales between case studies and large scale city analysis Chair: Diego Rybski | Meeting room 7 |
| | Speakers and moderator: Hargreaves, A., Farmani, R., Butler, D., De Ridder, K., Lauwaet, D., Hooyberghs, H., Maiheu, B., Lefebvre, W., Alistair, F. | |

| TOPIC | TITLE | LOCATION |
|---------------------------------------|---|------------------|
| Posters and Expo | | |
| TOPIC | Wednesday pm 13:15-13:45 | LOCATION |
| Midday Plenary | Connie Hedegaard (KR Foundation) Chaired by André Jol, EEA | Auditorium 10 |
| Midday Plenary | Rasmus Valanko (WBCSD) Chaired by Paula Harrison, University of Oxford | Auditorium 11 |
| Midday Plenary | Bente Pretlove (DNV GL) Chaired by Rob Swart, Wageningen University | Auditorium 12 |
| Posters and Expo | | |
| TOPIC | Wednesday pm 14:00-16:00 | LOCATION |
| European Commission - Plenary Session | 0.3 Nature-based solutions for Climate Change Adaptation: Research and Innovation Opportunities for Europe Chair: Eleni Manoli , European Commission, DG Research and Innovation | Auditorium 10 |
| 14:00 – 14:20 | de Boissezon, B.: A new EU Research and Innovation policy perspective on Nature-Based Solutions for climate change adaptation | |
| 14:20 – 14:40 | Berry, P.: Research & Innovation perspectives towards the development of Nature-Based Solutions for climate change adaptation | |
| 14:40 – 15:00 | Ruijs, A.: Experiences and lessons learnt from nature based solutions for safeguarding water safety | |
| 15:00 – 15:20 | Perini, L.: Coastal threats in the Emilia-Romagna region and potential measures | |
| 15:20 – 15:40 | Robrecht, H.: Resilient cities: Opportunities for nature-based solutions | |
| 15:40 – 16:00 | Discussion | |
| Economics | 2.6 Economic Costs and Benefits of Climate Adaptation in Cities Chair: Helia Costa, Graham Floater | Auditorium 11 |
| 14:00 – 14:20 | Costa, H.: Climate change, heat stress and labour productivity: a framework for assessing adaptation costs in the city economy | |
| 14:20 – 14:40 | Kropp, J.: Coastal floods threatening European cities – a large scale damage function assessment | |
| 14:40 – 15:00 | Grafakos, S.: Estimating cost/effectiveness curves of urban adaptation measures in Ho Chi Minh City, Vietnam | |
| 15:20 – 15:20 | Foudi, S.: Urban ecosystem services from green roofs: costs, benefits and uncertainties at the city scale | |
| 15:20 – 15:40 | Rendon, O.: How best to adapt? CBA of three adaptation approaches to flood risk management for the city of Leeds, UK | |
| 15:40 – 16:00 | | |

| TOPIC | TITLE | LOCATION |
|------------------------------------|--|----------------|
| Climate services and communication | 8.5 A framework for regional modeling- supporting adaptation to climate change Chair: Daniela Jacob | Auditorium 12 |
| 14:00 – 14:20 | Madsen, M. S.: On procedures for providing climate scenario data for impact and adaptation studies | |
| 14:20 – 14:40 | Schanze, J.: From coupled impact modelling to indicator-based risk evaluation- An integrated regional climate change risk assessment approach | |
| 14:40 – 15:00 | Van den Hurk, B.: Analysis of a compounding surge and precipitation event in the Netherlands | |
| 15:20 – 15:20 | Kolstad, E.: Regional climate Service in western Norway | |
| 15:20 – 15:40 | Brown, S.: From impacts to adaptation: Changing perspectives in managing sustainable coastline | |
| 15:40 – 16:00 | Calmanti, S.: Modeling chains supporting adaptation studies in Africa | |
| Economics | 2.4 Adapting to a changing climate: the role for economic analysis in policy Chair: Michael Mullan | Auditorium 15 |
| 14:00 – 14:20 | Mullan, M.: Economics of adaptation: experiences within OECD countries | |
| 14:20 – 14:40 | Watkiss, P.: Updated Review of the Cost and Benefits of Adaptation: Evidence, Lessons and Policy Insights | |
| 14:40 – 15:00 | Fankhauser, S.: The Use of Economics in UK Adaptation Policy | |
| 15:20 – 15:20 | Kind, J.: Cost-Benefit Analysis for Political Decisions on Flood Risk Management in The Netherlands | |
| 15:20 – 15:40 | Atkinson, E.: Economic analysis and Canada's "Adaptation Platform": multi-sector and cross- jurisdictional collaboration to generate economic knowledge and tools to support adaptation decision-making | |
| 15:40 – 16:00 | Panel discussion | |
| Climate services and communication | 8.1 Ingredients for effective communication of climate change knowledge Chair: Jean Palutikof | Meeting room 5 |
| 14:00 – 14:20 | Giupponi, C.: Options for climate change adaptation measures in Europe: the Climate-ADAPT Platform for informing policy/decision makers | |
| 14:20 – 14:40 | Charron, I.: A tool to communicate to the adaptation community: a guidebook on climate scenarios | |
| 14:40 – 15:00 | Olofsson, J.: Educating the next generation decision makers - the multi-disciplinary classroom as a platform for developing communication skills needed for future progress of adaptation measures | |
| 15:20 – 15:20 | Flood, S.: How to communicate climate change for decision-making? Learning-by-asking. | |
| 15:20 – 15:40 | Voeller, S.: New Paths for Climate Change Communication to the Young | |
| 15:40 – 16:00 | Nielsen, O. M.: Using social media in climate adaptation projects – the Laasby case | |

| TOPIC | TITLE | LOCATION |
|---------------------------------|--|-----------------|
| Adaptation in different sectors | 4.2 Adaptation to changing flood risk Chair: Heidi Kreibich, Sergiy Vorogushyn | Meeting room 18 |
| 14:00 – 14:20 | Llasat, M. C.: Changing Flood Risk in Mediterranean Spain in the last 150 Years | |
| 14:20 – 14:40 | Löwe, R.: Accounting for Urban Development and Flood Risk in an Integrated Modelling Framework | |
| 14:40 – 15:00 | Thieken, A.: Assessing future flood risks and adaptation options in an Alpine watershed | |
| 15:20 – 15:20 | Garrett, P.: Flood Risk and Vulnerability mapping in Climate Change scenarios – A tool for the insurance industry | |
| 15:20 – 15:40 | Jeuken, A.: (Economic) tipping points for adapting flood risk management to climate change in the EU | |
| 15:40 – 16:00 | Dittes, B.: Making adaptable decisions on flood protection infrastructure in the face of climate change uncertainty: A Bayesian framework | |
| Dealing with risks | 9.3 What do have climate change action and disaster risk management in common? Explore it! Chair: Leitner Markus | Meeting room 19 |
| 14:00 – 14:20 | Pulquerio, M.: Exploiting synergies: a vision for CCA and DRR cooperation by 2020 | |
| 14:20 – 14:40 | Pringle, P.: Linking CCA and DRR: Creating a space for dialogue and knowledge exchange | |
| 14:40 – 15:00 | Sfetsos, A.: A pan-European framework for strengthening Critical Infrastructure resilience to climate change - EU-CIRCLE | |
| 15:20 – 15:20 | Bosch, P.: Resilient Cities and Infrastructure - RESIN project | |
| 15:20 – 15:40 | Hama, A. M.: Downscaling IPCC's Global Reasons for Concern to Build Resilience at the Local Level via Climate Sensitive Risk Management – Insights from the ARISE Project | |
| 15:40 – 16:00 | Jebens, M.: Coastal flooding in Denmark. How can DRM and CCA be improved and coordinated? | |
| Business | 1.2 Climate change and power infrastructure: Adaptation needs of electric power systems Chair: Elizabeth Durney | Meeting room 20 |
| 14:00 – 14:20 | Quan Luna, B.: Risk based adaptation of electrical substations, Integration of Bayesian Networks in a GIS environment | |
| 14:20 – 14:40 | Staid, A.: Sensitivity of the U.S. power system to climate-induced changes in tropical cyclone impacts | |
| 14:40 – 15:00 | Jones, F.: From reactive to proactive: getting adaptation on the agenda in a high renewables future | |
| 15:20 – 15:20 | Groth, M.: Climate change adaptation strategies within the framework of the German Energiewende – Is there a need for government interventions and legal obligations? | |
| 15:20 – 15:40 | Eisenack, K.: Adapting long-lived infrastructure to uncertain climate change | |
| 15:40 – 16:00 | Bolle, A. C.: Multi-purpose hydropower projects. A sustainable approach to climate change adaptation | |

| TOPIC | TITLE | LOCATION |
|---------------------------------|--|-----------------|
| Adaptation in different sectors | Workshop 4.1 Adapting to climate change in the coastal zone: How do we support decision makers to take up the challenge? Chair: David Rissik Moderators: Boulter, S. Speakers: Rissik, D., Hamden, R. | Meeting room 16 |
| Adaptation in cities | Workshop 3.4 Reconciling adaptation and mitigation in cities: Part II - The application basis: Mainstreaming into the planning process Chair: Alberto Terenzi Moderators: Peleikis, J., Terenzi, A., Dawson, R. | Meeting room 17 |
| Business | Workshop 1.2 Entrepreneurs in adaptation – making it happen! Chair: Susanne Pedersen Speakers and moderators: Pedersen, S., Hezel, B., Steen, J., Swart, R., Singh, S., Pranov, H., Payen, S., Coninx, I. | Meeting room 7 |



| TOPIC | TITLE | LOCATION |
|---------------------------------------|---|---------------|
| Posters and Expo | | |
| TOPIC | <u>Wednesday pm</u> 16.30-18.30 | LOCATION |
| Adaptation in cities | 3.8 Urban adaptation action – a multi-level governance issue Chair: Julia Peleikis | Auditorium 10 |
| 16:30 – 16:50 | Nieto Silleras, S.: EU and Urban Climate Adaptation | |
| 16:50 – 17:10 | Bender, S.: Adaptation strategies: Looking for best practices only can lead to deadlock | |
| 17:10 – 17:30 | Vetter, A.: Challenges of adaptation to climate change in municipalities – experiences from a workshop series in Germany | |
| 17:30 – 17:50 | Duarte Santos, F.: Large scale municipal adaptation to climate change: Portuguese case study - ClimAdaPT.Local project | |
| 17:50 – 18:10 | Hudekova, Z.: Local climate adaptation in Bratislava | |
| 18:10 – 18:30 | De Paula Domingos, N.: Gaps and opportunities in Rio de Janeiro's adaptation strategy | |
| Regional challenges and opportunities | 10.2 Adaptation to Climate Change in European Mountain Regions Chair: Wolfgang Lexer | Auditorium 11 |
| 16:30 – 16:50 | Leroy, E.: New tools to explore sustainable water management adaptation strategies in mountain areas and to bridge the gap between scientific knowledge and its uptake by the public | |
| 16:50 – 17:10 | Keuschnig, M.: High-Alpine infrastructures – towards a climate-sensitive risk management: an example from the Kitzsteinhorn, Hohe Tauern, Austria | |
| 17:10 – 17:30 | Chomat, G.: The contribution of the Alpine Convention to climate change adaptation in the Alpine region | |
| 17:30 – 17:50 | Lexer, W.: The Climate Adaptation Platform for the Alps: usable knowledge provision for decision makers in a transnational cooperation approach | |
| 17:50 – 18:10 | Werners, S.: Carpathian integrated assessment of vulnerability to climate change and adaptation measures | |
| 18:10 – 18:30 | Szalai, S.: Adaptation to climate change in the Carpathian Convention | |
| Economics | 2.1 Economic Instruments of Adaptation Chair: Alessio Capriolo | Auditorium 12 |
| 16:30 – 16:50 | Gebhardt, O.: Economic assessments for climate change adaptation in urban planning: The case of Jena, Germany | |
| 16:50 – 17:10 | Schasfoort, F.: Efficient adaptation pathways for the Rotterdam area, Making decisions based on uncertain costs and benefits of adaptation strategies to cope with increasing flood risk | |
| 17:10 – 17:30 | Lokers, R.: A tool to communicate economic assessments of regional adaptation strategies | |
| 17:30 – 17:50 | Bachner, G.: Land Transport Systems under Climate Change: A Macroeconomic Assessment of Adaptation Measures for the Case of Austria | |
| 17:50 – 18:10 | Erangu Purath Mohankumar, S.: An integrated decision support framework to evaluate farm-level adaptations to climate change | |
| 18:10 – 18:30 | Parrado, R.: Climate change impacts and market driven adaptation: The costs of inaction including market rigidities | |

| TOPIC | TITLE | LOCATION |
|----------------------------------|---|-----------------|
| Economics | 2.5 An integrated perspective on climate change adaptation and mitigation. Insights from global economic models Chair: Enrica De Cian | Auditorium 15 |
| 16:30 – 16:50 | Held, H.: Climate Policy Under Uncertain and Heterogeneous Climate Damages | |
| 16:50 – 17:10 | Emmerling, J.: Sharing of Climate Risks across World Regions | |
| 17:10 – 17:30 | Bosello, F.: Catastrophic risk, precautionary abatement, and adaptation transfers | |
| 17:30 – 17:50 | Ahlert, G.: Integrated impact assessment of climate change and alternative adaptation measures | |
| 17:50 – 18:10 | Hof, A.: Effort sharing taking into account adaptation costs and climate change damage | |
| 18:10 – 18:30 | De Cian, E.: Building Uncertainty into the Adaptation Cost Estimation in IAMs | |
| Adaptation Policy and Governance | 6.3 Institutional Economics of Climate Change Adaptation Chair: Christoph Oberlack, Klaus Eisenack, Matteo Roggero | Meeting room 5 |
| 16:30 – 16:50 | Jones, R.: The institutional economics of rapid and unpredictable climate change | |
| 16:50 – 17:10 | Bergsma, E.: Institutional economics of flood damage compensation: a comparative analysis between the Netherlands and the United States | |
| 17:10 – 17:30 | Root, L.: Mainstreaming local climate adaptation investments using municipal income: Analyzing actors, adaptation, and context using simulation gaming | |
| 17:30 – 17:50 | Bisaro, A.: Nature-related transactions analysis of finance for coastal adaptation | |
| 17:50 – 18:10 | Villamayor-Tomás, S.: Disturbance characteristics and transaction costs: an institutional economics approach to adaptation strategies in five Spanish irrigation systems | |
| 18:10 – 18:30 | Oberlack, C.: Diagnosing Institutional Traps, Trade-offs and Opportunities for Climate Adaptation: A Meta-Analysis of Case-Study Evidence from Europe | |
| Adaptation in different sectors | 4.2 Adaptation to changing flood risk Chair: Heidi Kreibich, Sergiy Vorogushyn | Meeting room 18 |
| 16:30 – 16:50 | Srisawalak, O.: Thailand's 2011 Flood: Household Damages, Compensation and Natural Catastrophe Insurance | |
| 16:50 – 17:10 | Bubeck, P.: Potential of flood-damage reducing measures implemented by households to address current and future flood risk | |
| 17:10 – 17:30 | Yang, L.: Assessment of Flood Losses with Household Responses: Agent-based Simulation in an Urban Catchment Area | |
| 17:30 – 17:50 | Matczak, P.: Comparing apples to oranges. Flood Risk Governance Arrangements in six European countries | |
| 17:50 – 18:10 | Kaufmann, M.: The two tales of one concept - Comparing the implementation of a flood risk concept in the Netherlands and Flanders | |
| 18:10 – 18:30 | Hutt, L.: Adapting to sea-level rise in London: the Thames Estuary 2150 project | |

| TOPIC | TITLE | LOCATION |
|------------------------------------|--|-----------------|
| Climate services and communication | 8.4 Communicating for a resilient future Chair: Christian Bjørnæs | Meeting room 19 |
| 16:30 – 16:50 | Howarth, C.: Co-producing climate communication: incorporating practitioner knowledge in the IPCC Process | |
| 16:50 – 17:10 | Young, C.: Building resilience through narratives | |
| 17:10 – 17:30 | Jakobsen, A. S.: Information? Dialogue? Involvement? How strategic and planned stakeholder communication creates added value in climate adaptation projects | |
| 17:30 – 17:50 | Pedoth, L.: Co-creation and communication of knowledge as common requirement for climate change adaptation and disaster risk reduction: experiences | |
| 17:50 – 18:10 | Vulturius, G.: Can Climate Change Communication effectively promote adaptation? | |
| 18:10 – 18:30 | Kunttu, S.: Uncertainty communication between researchers and decision makers by visualizations | |
| Business | 1.1 Adapting to Extreme Events: risk transfer and insurance provision in the EU and its member states Chairs: Swenja Surminski, Franz Prettenthaler, C. Dionisio Pérez-Blanco | Meeting room 20 |
| 16:30 – 16:50 | Mysiak, J.: Partnerships for affordable and equitable insurance provision | |
| 16:50 – 17:10 | Hudson, P.: Implications of risk based insurance premiums for flood preparedness and affordability of coverage | |
| 17:10 – 17:30 | Lorant, A.: The European Solidarity Fund, its past performance and recent reforms | |
| 17:30 – 17:50 | Hanger, S.: Designing national flood insurance systems: the equity-efficiency trade-off | |
| 17:50 – 18:10 | Köberl, J.: Financial risk transfer mechanisms – Comparison of alternative national systems for managing flood risks and quantifying capital requirements | |
| 18:10 – 18:30 | Panel discussion | |
| Business | Workshop 1.1 Collaborating to adapt – partnerships that deliver Chair: Susanne Pedersen | Meeting room 16 |
| 16:30 – 16:45 | Introduction from Chair | |
| 16:45 – 17:15 | Presentation: Vejle project, Southern Jutland, Denmark by Stjernholm, H. and Frederiksen, L. | |
| 17:15 – 17:45 | Presentation: Frihamnen project, Gothenburg, Sweden by Moback, U. and Morrison, G. | |
| 17:45 – 18:20 | Roundtable discussion, moderated by Templar, R. | |
| 18:20 – 18:30 | Closing remarks | |
| Social Science and participation | Workshop 7.2 The role and use of Participatory Methodologies in Climate Change Adaptation Chair: Filipe Moreira Alves | Meeting room 17 |
| | Moderator and Facilitator: Alves, M., Hastrup, A., Holscher, K. | |

| TOPIC | TITLE | LOCATION |
|---------------------------------|--|----------------|
| Adaptation in different sectors | 4.6 Cross-scale linkages between Nordic and global mitigation and adaptation in the land use sector: results from NORD-STAR Chair: Martin Persson | Meeting room 7 |
| 16:30 – 16:50 | Wirén, L.: AgroExplore – Assessing Agricultural Vulnerability in the Nordic Countries to Support Strategic Climate Adaptation | |
| 16:50 – 17:10 | Woods, B.: Farmer Perceptions of Climate Change and Likely Responses in Danish Agriculture | |
| 17:10 – 17:30 | Nainggolan, D.: Modelling Autonomous Adaptation to Climate Change in the Agricultural Sector and the Environmental-Economic Implications in the Nordic Region | |
| 17:30 – 17:50 | Olsson, O.: Understanding the linkages between land-based adaptation and mitigation – a systematic literature review and a conceptual framework | |
| 17:50 – 18:10 | Neset, T.: A typology of maladaptation: assessing risks for maladaptive action within Nordic agriculture | |
| 18:10 – 18:30 | Godar, J.: Adaptation in a telecoupled world: linkages between mitigation and adaptation at Nordic and global scales in the land use sector | |
| Posters and Expo | | |
| TOPIC | Thursday am 08:30-10:30 | LOCATION |
| Adaptation in different sectors | 4.9 Ecosystem-based approaches to adaptation and disaster risk reduction Chair: David Vackar | Auditorium 10 |
| 08:30 – 08:50 | Harmáčková, Z.: Ecosystem-based approaches to climate change adaptation in vulnerable natural areas | |
| 08:50 – 09:10 | Zölch, T.: Integrating the ecosystem-based approach in municipal adaptation strategies: the case of Germany | |
| 09:10 – 09:30 | Zandersen, M.: Payment for ecosystem services – paying farmers for using farmland for flood control | |
| 09:30 – 09:50 | Riise, J.: creating new values using intelligent stormwater management | |
| 09:50 – 10:10 | Pártl, A.: Integrated assessment of the environmental risk for ecosystem services provision in the Czech Republic | |
| 10:10 – 10:30 | Kloos, J.: The role of ecosystem-based Adaptation and Eco-DRR – Some insights from Dassari watershed in North-West Benin | |
| Adaptation in different sectors | 4.7 Climate change adaptation and public health Chair: Hans Sanderson and Michael Goodsite | Auditorium 11 |
| 08:30 – 08:50 | Allex, B.: Elderly and migrants under urban heat pressure - Results of two climate change adaptation studies. | |
| 08:50 – 09:10 | Spadaro, J.: Health and Economic Impact of Threshold Temperature on the Effectiveness of a Heat Warning System: A Case Study for the City of Madrid, Spain | |
| 09:10 – 09:30 | Aaheim, A.: Impacts of climate change on health and their economic consequences in Europe. | |
| 09:30 – 09:50 | Chiabai, A.: Evaluating health watch warning systems in a changing climate: A cost-benefit analysis for the city of Madrid. | |
| 09:50 – 10:10 | Higgins, S.: Mental health and climate change: Costing impacts and assessing adaptation options in England. | |
| 10:10 – 10:30 | Enggen, B.: Adaptation for the UK's Health and Care System | |

| TOPIC | TITLE | LOCATION |
|---------------------------------------|--|----------------|
| Regional challenges and opportunities | 10.5 Adapting the Baltic Sea region to a changing climate Chair: Maxi Nachtigall | Auditorium 12 |
| 08:30 – 08:50 | Reckermann, M.: Hot-spot Baltic Sea – expected climate change and its impacts on Europe's first macro-region | |
| 08:50 – 09:10 | Nachtigall, M.: A climate adaptation strategy for the Baltic Sea region | |
| 09:10 – 09:30 | Andersson, L.: A road-map for mainstreaming climate adaptation in Sweden – reflections from the work on a governmental missions | |
| 09:30 – 09:50 | Uustal, T.: Developing Estonia's National Strategy for Adaptation to Climate Change | |
| 09:50 – 10:10 | Menshova, Y.: Local climate adaptation in the Baltic Sea region – the St Petersburg case | |
| 10:10 – 10:30 | Gudzuks, G.: At the nexus between adaptation and mitigation – low carbon development policy implementation in the Baltic Sea region | |
| Adaptation Policy and Governance | 6.6 Supporting Adaptation by cross-sectoral climate risk and vulnerability assessments Chair: Inke Schauser | Auditorium 15 |
| 08:30 – 08:50 | Füssel, H. M.: The fourth generation of European-wide climate change impact assessments – lessons and outlook | |
| 08:50 – 09:10 | Schwarze, R.: Assessing the risks and opportunities of climate change in Europe | |
| 09:10 – 09:30 | König, M.: Economic Evaluation of Climate Impacts - Blueprint and Application for Austria | |
| 09:30 – 09:50 | Koellner, P.: Climate-related risk assessment in Switzerland: Experiences and lessons learned | |
| 09:50 – 10:10 | Greiving, S.: Methodological approach for assessing climate impacts and identifying spatial patterns of climate change for the German Adaptation Strategy | |
| 10:10 – 10:30 | Kahlenborn, W.: Sectoral and cross-sectoral vulnerabilities in Germany | |
| Adaptation in cities | 3.4 Operationalizing local adaptation: transition towards urban climate resilience Chair: Maddalen Mendizabal | Meeting room 5 |
| 08:30 – 08:50 | Lu, P.: The transitional pathway of urban resilience in coping with flood risk – case studies in Tainan and Kaohsiung, Taiwan | |
| 08:50 – 09:10 | Madsen, H. M.: Change in the Urban Water Management Regime – Successful Technology and Institutional Pathways | |
| 09:10 – 09:30 | Wiberg, K.: Waterscapes and uncertainty as driver for interdisciplinary co-creation of resilience | |
| 09:30 – 09:50 | Bosch, P.: Climate Proof Cities – How Dutch cities can prepare themselves for climate change impacts | |
| 09:50 – 10:10 | Klostermann, J.: Monitoring of adaptation in municipalities | |
| 10:10 – 10:30 | Structured discussion about the conceptual-methodological framework. | |

| TOPIC | TITLE | LOCATION |
|----------------------------------|--|-----------------|
| Infrastructures | 5.3 Assessing the impact of adaptation strategies on reduced vulnerability of economies to energy-related climate impacts Chair: Douglas Crawford-Brown | Meeting room 18 |
| 08:30 – 08:50 | Azevedo, M.: Adapting power generation to climate change impacts | |
| 08:50 – 09:10 | Crawford-Brown, D.: Climate change and robust decision-making in the wind energy sector | |
| 09:10 – 09:30 | Eleftheriadou, A.: The application of high resolution seasonal models for the energy performance of buildings | |
| 09:30 – 09:50 | Lu, P. J.: Electricity generation system in Taiwan: Risks under climate change | |
| 09:50 – 10:10 | Votsis, A.: Synthesising climate change scenarios, impacts and adaptation information in an EU-wide GIS framework | |
| 10:10 – 10:30 | Leonardsen, L.: Closing summary: Implications of the findings for Copenhagen's climate adaptation programme | |
| Adaptation Policy and Governance | 6.1 The innovation of adaptation policies across scales Chairs: Eric Massey, Dave Huitema, Robbert Biesbroek | Meeting room 19 |
| 08:30 – 08:50 | Huitema, D.: Innovations in Climate Governance - A conceptual framework and an introduction of COST Action INOGOV | |
| 08:50 – 09:10 | Austin, S.: Public Health Adaptation to Climate Change in Canadian Jurisdictions | |
| 09:10 – 09:30 | Juhola, S.: Institutionalisation of climate policy: The role of national boundary organisations | |
| 09:30 – 09:50 | Joerin, J.: Are there adaptation barriers? Experiences from Switzerland | |
| 09:50 – 10:10 | Lasage, R.: Assessment of European regional adaptation strategies | |
| 10:10 – 10:30 | Jensen, A.: Climate Policy integration across Europe: Assessing adaptation policy through national adaptation strategies | |
| Dealing with risks | 9.5 Climate change adaptation in the context of extremes: Exploring drought and flooding governance Chairs: Alison L Browne, Catherine Butler | Meeting room 20 |
| 08:30 – 08:50 | Soomro, A. A.: Identification and effectiveness of autonomous adaptation strategies in Thar Desert Pakistan. | |
| 08:50 – 09:10 | Browne, A.: Governing for drought and water scarcity adaptation in the context of flooding recovery: The curious case of Somerset, UK. | |
| 09:10 – 09:30 | Haanpää, S.: Privatizing the risk of floods – discussing the multiple implications of changes in flood insurance policies in Finland | |
| 09:30 – 09:50 | Walker-Springett, K.: Flooding on the Somerset Levels: An opportunity for greater public participation in governance? | |
| 09:50 – 10:10 | Alexander, M.: In the pursuit of resilience – just how future-proof is England to flooding. | |
| 10:10 – 10:30 | Panel discussion on Climate change adaptation in the context of extremes – exploring drought and flooding governance. Chaired by Butler, C. | |


| TOPIC | TITLE | LOCATION |
|----------------------------------|---|-----------------|
| Adaptation in cities | 3.5 Smart and Resilient cities: ideas and practices from the South of Europe Chair: Adriana Galderisi | Meeting room 16 |
| 08:30 – 08:50 | Zucaro, F.: Between smart and resilient city: the integrated Urban Saving Energy Model (UrbanSEM) | |
| 08:50 – 09:10 | Saretta, E.: Smart and Resilient Initiatives in Italian cities: methods and tools for promoting cross-sectoral strategies for climate mitigation and adaptation | |
| 09:10 – 09:30 | Atun, F.: Enhancing urban resilience through a knowledge management framework on disaster risk reduction action in Italy and Spain | |
| 09:30 – 09:50 | Olazabal, M.: Grassroots of local climate action in Italy and Spain | |
| 09:50 – 10:10 | Balaban, O.: Lessons for a Resilient Future: Roadblocks to Climate Change Adaptation in Turkish Cities | |
| 10:10 – 10:30 | Thoidou, E.: From sustainable cities to resilient cities and smart cities: discussing EU policies and some evidence from Greece | |
| Adaptation in cities | Workshop 3.5 Green over grey for storm water management? Exploring the potential of Green Infrastructure for enhancing urban adaptation to climate change Chair: Alice Reil Speakers: van den Bosch, C. K., Bertule, M. | Meeting room 17 |
| Social Science and participation | Workshop 7.1 Local community and citizen knowledge – how can it steam up the adaptation process and move science-practice-interaction to a new quality? Chair: Birgit Kuna, Andreas Baumgärtner Paulot, S.: Experiences from Madagascar Born, M.: Climate Change Adaptation within regions in Germany (KLIMZUG) Vogel, K., Schmidt, A.: The social dimensions of climate change: Inter- and transdisciplinary research on regional perceptions and actions Riaz, B. K.: Climate Change and local health issues Suthhof, A.: Toolbox for local knowledge integration in Europe and developing countries | Meeting room 7 |


| TOPIC | TITLE | LOCATION |
|------------------------------------|---|---------------|
| Posters and Expo | | |
| TOPIC | <u>Thursday am/pm</u> 11:00-13:00 | LOCATION |
| Climate services and communication | 8.2 Implementing climate services in support of adaptation action – a European perspective Chairs: Tobias Fuchs, Mary Power, Katrine Krogh Andersen, Jacqueline Flueckiger-Knuti | Auditorium 10 |
| 11:00 – 11:20 | Lúcio, F. : Status of implementation of the Global Framework for Climate Services (GFCS) | |
| 11:20 – 11:40 | Street, R. : Implementing climate services to support adaptation action – understanding the role of providers and purveyors in a national context | |
| 11:40 – 12:00 | Salomon Hess, M. : DMI Climate Services | |
| 12:00 – 12:20 | Gregow, H. : Climate Service Centre of the Finnish Meteorological Institute develops the climate services to meet the various needs of users of climate information | |
| 12:20 – 12:40 | Flückiger Knutti, J. : The National Centre for Climate Services in Switzerland | |
| 12:40 – 13:00 | Fuchs, T. : Implementing climate services to support adaptation action – national GFCS implementation in Germany | |
| Adaptation in different sectors | 4.5 Managing Flood risk in the EU Chair: Jeroen Aerts | Auditorium 11 |
| 11:00 – 11:20 | Aerts, J. C. J. H. : Towards Multi Sectoral Partnerships for managing flood risk in the EU | |
| 11:20 – 11:40 | Van Rijswijk, H. : Improving flood risk governance: opportunities and barriers stemming from a combined social science and legal analysis | |
| 11:40 – 12:00 | Hunt, A. : The economics of adaptation to climate change | |
| 12:00 – 12:20 | de Lannoy, T.: The EC and disaster risk reduction and flood risk management | |
| 12:20 – 12:40 | Quarmby, P. : Adapting to changing circumstances: the Thames Estuary 2120 plan | |
| 12:40 – 13:00 | Panel discussion | |
| Infrastructures | 5.1 Resilience of the transport sector as a condition for climate change adaptation Chair: Christophe Heyndrickx | Auditorium 12 |
| 11:00 – 11:20 | Hanlon, H. : Analogues for the Railway Network of Great Britain | |
| 11:20 – 11:40 | Burbidge, R. : Adapting aviation to a changing climate | |
| 11:40 – 12:00 | Jaroszowski, D. : Projecting the potential impact of climate change on transport: modelling and data requirements | |
| 12:00 – 12:20 | Ciari, F. : Impact of extreme weather events on the transport system: a test case study for Zurich | |
| 12:20 – 12:40 | Stamos, I. : Improvement of transport networks resilience against extreme weather events | |
| 12:40 – 13:00 | Aparicio, A. : Emerging challenges for transport adaptation in Europe: a research agenda for a long term vision | |

| TOPIC | TITLE | LOCATION |
|----------------------------------|--|-----------------|
| Adaptation Policy and Governance | 6.6 Supporting Adaptation by cross-sectoral climate risk and vulnerability assessments Chair: Inke Schausser | Auditorium 15 |
| 11:00 – 11:20 | Avelar, D.: Innovative approach to the development of a transdisciplinary adaptation strategy - an example from the Madeira islands | |
| 11:20 – 11:40 | Schneiderbauer, S.: Vulnerability assessment in practice: impact chains and their analysis for cross-sectorial evaluation | |
| 11:40 – 12:00 | Tapia, C.: Revisiting urban vulnerabilities and risks: an integrated climate change vulnerability and risk assessment for European cities | |
| 12:00 – 12:20 | Jenkins, K.: A probabilistic risk based approach to addressing impacts of climate change on cities: The Urban Integrated Assessment Facility (UIAF) | |
| 12:20 – 12:40 | Simonet, S.: Enhancing strategic adaptation planning at the local level: challenges and prospects in developing the French vulnerability and risk assessment tool "Impact'Climat" | |
| 12:40 – 13:00 | Betschart, M.: Climate Risk and Vulnerability Assessment in Switzerland: Case Study Canton of Basel | |
| Dealing with risks | 9.1 Beyond risk - engaging for action Chair: Celeste Young | Meeting room 5 |
| 11:00 – 11:20 | Jones, R.: Engaging in Systemic Risk – beyond risk or transcending it | |
| 11:20 – 11:40 | Rémy, E.: Urban Climate Adaptation and Stormwater Planning: Flexibility is Key to Robustness | |
| 11:40 – 12:00 | Schneider, T.: Business solutions for adaption to climate change | |
| 12:00 – 12:20 | Street, R.: Effective knowledge exchange to motivate adaptation action – learning from the built environment and infrastructure sectors | |
| 12:20 – 12:40 | Guedes, G.: Protective Actions under Flood Hazards: theoretical modelling and empirical evidence for Brazil | |
| 12:40 – 13:00 | Lynch, Y.: Accelerating adaptation in Melbourne: The role of transparency and citizen participation | |
| Adaptation in cities | 3.7 The impact of climate change on the planning and architectural design Chair: Vladan Djokić | Meeting room 18 |
| 11:00 – 11:20 | Cisar, S.: Energy planning or how to plan a zero emission community | |
| 11:20 – 11:40 | Dubois, C.: The climate change adaptation roadmap; a novel tool to support architects and urban designers | |
| 11:40 – 12:00 | Chung, Y.: How to deal with a rapid climate change in infrastructure and architecture? | |
| 12:00 – 12:20 | Ferrara, F. F.: Embodying resilience in urban development processes: suggestions for the future | |
| 12:20 – 12:40 | Visconti, C.: Innovative Water Concepts: Sustainable regeneration and climate change adaptation in East Napoli | |
| 12:40 – 13:00 | Hill, A.: A compass for urban scale sustainability | |

| TOPIC | TITLE | LOCATION |
|---|--|------------------------|
| <p>Dealing with risks</p> <p>11:00 – 11:20</p> <p>11:20 – 11:40</p> <p>11:40 – 12:00</p> <p>12:00 – 12:20</p> <p>12:20 – 12:40</p> <p>12:40 – 13:00</p> | <p>9.2 Quantifying impacts of 2° C global warming for Europe Chair: Daniela Jacob</p> <p>Sobolowski, S.: Europe at the 2C threshold: cause for concern</p> <p>Donnelly, C.: How might European Water Resources Change as a Result of a Two Degree Global Warming?</p> <p>Damm, A.: Assessing the impacts of 2 °C global warming on winter tourism demand in Europe</p> <p>Tsanis, C.: Mapping the vulnerability of European summer tourism at a 2oC globally warmer climate</p> <p>Williges, K.: Assessing the adaptive capacity and vulnerability of the European agricultural sector to droughts under 2° C of global warming</p> <p>Brown, S.: Exploring the impacts and the benefits of climate mitigation and adaptation in European coastal zones</p> | <p>Meeting room 19</p> |
| <p>Adaptation Policy and Governance</p> <p>11:00 – 11:20</p> <p>11:20 – 11:40</p> <p>11:40 – 12:00</p> <p>12:00 – 12:20</p> <p>12:20 – 12:40</p> <p>12:40 – 13:00</p> | <p>6.2 Drawing Lessons from National Experiences of Adaptation Planning and Strategy Making Chair: Duncan Russel</p> <p>Massey, E.: Handling adaptation policy choices in Sweden, Germany, the UK and the Netherlands</p> <p>Jacob, J.: Mainstreaming adaptation to climate change (ACC) within government agencies: why are some civil servants more responsive and purposeful than others?</p> <p>Jeuken, A.: Adaptivity in the Dutch Delta Program</p> <p>Lexer, W.: The national adaptation policy process in Austria: Activities, status, performance, and lessons learned</p> <p>Porter, J.: Do we need more information? Exploring the Enablers and Barriers to Climate Adaptation in British Local Government</p> <p>Vinke-de Kruijf, J.: Drawing lessons about climate change adaptation: what European countries learn from each other and under what conditions are they likely to do so?</p> | <p>Meeting room 20</p> |
| <p>Adaptation in cities</p> <p>11:00 – 11:20</p> <p>11:20 – 11:40</p> <p>11:40 – 12:00</p> <p>12:00 – 12:20</p> <p>12:20 – 12:40</p> <p>12:40 – 13:00</p> | <p>3.9 Blue Ap LIFE+ project: Urban Adaptation Plan in Bologna (Italy) - talking to other parts in Europe Chair: Sergio Castellari</p> <p>Gueze, R.: The BLUE AP project: An Adaptation Plan for the City of Bologna</p> <p>Bono, L.: Has Blue Ap delivered a realistic Action Plan for Bologna?</p> <p>Pelizzaro, P.: What experiences showcase real resilience?: The Blue Ap Bologna as resilient city project case study</p> <p>Filpa, A.: How a National Strategy for Climate Adaptation can stimulate a local plan?</p> <p>Howarth, C.: Adapting to weather and climate extremes in Europe: a toolkit for effective adaptation practices for heat waves and flooding</p> <p>Panel discussion</p> | <p>Meeting room 16</p> |

| TOPIC | TITLE | LOCATION |
|----------------------------------|--|-----------------|
| Social Science and participation | 7.1 Social Science Support to Adaptation Strategies Chair: Karl-Heinz Simon | Meeting room 17 |
| 11:00 – 11:20 | Babcicky, P. : The two faces of social capital in private flood mitigation: opposing effects on risk perception and response capacity | |
| 11:20 – 11:40 | Chiang, Y. C. : Risk perception on cross-regional coastal pollution in the context of climate change. A case study of Hakka community of Taiwan | |
| 11:40 – 12:00 | Hoffmann, E. : Learning from extreme weather events in German utilities: how sense making influences private adaptation | |
| 12:00 – 12:20 | Tjørring, L. : We forgot half of the population! An anthropological investigation of the significance of gender in energy renovation projects | |
| 12:20 – 12:40 | Washington-Ottombre, C. : Regime shifts and land-use adaptations to climate and variability in semi-arid lands around Mt Kenya: a spatial and temporal cross-scale synthesis | |
| 12:40 – 13:00 | Blocher, J. : Charcoal production in Tanzania: exploring the role of migration in adaptation and maladaptation | |
| Infrastructures | Workshop 5.1 Energy sector adaptation: Multi-Criteria Decision Analysis (MCDA) workshop on adaptation alternatives with energy sector stakeholders Chair: Jyri Hanski Moderator and facilitator: Rosqvist, T., Hanski, J. | Meeting room 7 |






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| TOPIC | TITLE | LOCATION |
|------------------|---|------------------|
| Posters and Expo | | |
| TOPIC | Thursday pm 13:15-13:45 | LOCATION |
| Midday Plenary | JJean Palutikof , Griffith University Chaired by Richard Klein, Stockholm Environment Institute | Auditorium 10 |
| Midday Plenary | Hans von Storch , Helmholtz Zentrum Geesthacht Chaired by Jürgen Kropp, Potsdam Institute for Climate Impact Research | Auditorium 11 |
| Midday Plenary | Panos Fetsis , EU LIFE Projects – Neemo EEIG Chaired by Tony Rosqvist, VTT Technical Research Centre of Finland | Auditorium 12 |
| Posters and Expo | | |
| TOPIC | Thursday am 14:00-16:00 | LOCATION |
| Closing plenary | Claus Kondrup , DG Climate Action, Adaptation Unit Amanda Cockcroft , Climate-KIC Nordic Behnam Shirazim, Guitarist <i>Open panel debate: Outcomes of ECCA2015 and road ahead to ECCA2017.</i> Moderated by Martin Watson Adaptation Futures 2016; Jean Palutikof ECCA 2017; Paula Harrison | Auditorium 15 |

Notes

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