



DETAILED PROGRAMME

Wednesday 29 August 2012

08:00-10:00	REGISTRATION	Rantapuisto lobby
10:00-10:30	REFRESHMENTS	Kahvila ¹
10:30-12:00	Plenary Session 1 – Opening Chair: Timothy Carter	Auditorium
	Words of Welcome and Introductions	Timothy Carter
	Official Welcome and Keynote Presentation 1	
	Welcome: Adapting to climate change in Helsinki	Pekka Sauri
	Messages from our sponsors	
	NordForsk	Harry Zilliacus
	Mistra-SWECIA	Markku Rummukainen
	Academy of Finland (FICCA)	Harri Hautala
	Young researcher perspective	Michael Laiho & Karoliina Pilli-Sihvola
	Keynote Presentation 2	
	Framing adaptation research for supporting decision-making	Anthony Patt
12:00-13:15	LUNCH	Ravintola ² (both floors)
13:15-14:45	Parallel Session 1.1: Adaptation information and portals I Chair: Sanna Luhtala	Auditorium
1.1.1	Climate-ADAPT: The European Climate Adaptation Platform	Stéphane Isoard
***1.1.2	Climateguide.fi – a boundary service between the public and the research community	Juha A. Karhu
***1.1.3	The Danish portal for adaptation to climate change	Louise Grøndahl
1.1.4	The establishment of a Swedish National Knowledge Centre for Climate Change Adaptation	Lena Lindström
13:15-14:45	Parallel Session 1.2: Scenarios for adaptation Chair: Jens Hesselbjerg Christensen	Room 1-2
1.2.1	Progress in the development of new scenarios to support IAV research	Timothy Carter
1.2.2	Connecting local scenarios for climate adaptation to a global scenario framework	Henrik Carlsen
1.2.3	Scenarios of adaptive capacity, exposure and sensitivity for an indicator-based climate change vulnerability assessment	Stefan Fronzek
1.2.4	Downscaling climate projections for adaptation: Advantages and challenges of interdisciplinary collaboration	Grete K. Hovelsrud
13:15-14:45	Parallel Session 1.3: Legal aspects of adaptation Chair: Mikael Hildén	Room 3
1.3.1	Do we need European burden sharing for adaptation?	Susanne Hanger
1.3.2	The High North and its Security Conundrum – EU Climate Change and Energy Policy Adaptation in Response to Global Warming in the Arctic	Michael Laiho
1.3.3	Spatial planning of a moving target? Searching for synergies between marine spatial planning and adaptation to climate change	Riku Varjopuro
1.3.4	Adapting to the unknown: Legal norms for handling uncertainty in land use planning	Eivind Junker
13:15-14:45	Parallel Session 1.4: Regional strategy development I Chair: Michael Goodsite	Room 5
1.4.1	The Role of Collaboration in Effective Adaptation Decision-Making	Carrie Spencer
1.4.2	Climate change adaptation from a County perspective - From theory and expertise to practical implementation	Susanne Aristegui Adolphi
1.4.3	Development of the adaptation process in the Swedish Counties of Skåne and Östergötland - Advances and challenges	Anna Bratt
1.4.4	Analysis of regional climate strategies	Jouko Inkeröinen
13:15-14:45	Parallel Session 1.5: Adaptation in developing countries Chair: Richard Klein	Room 6
1.5.1	Building Adaptive Capacity of Coastal Communities in Bangladesh through Sustainable Decision Making Process: Focusing on Adaptation to Climate Change	Nahid Sultana
1.5.2	Climate change adaptation in rural Ghana and Botswana: perceptions and complex environments	Pieter Pauw
1.5.3	Climate Change Impacts and Adaptation by Communities Adjacent Forest Resources in Kilolo District, Tanzania	Suzana Augustino
1.5.4	Increasing adaptive capacity in rural Africa: filling the gaps – lessons from 5 African countries	Annita Annies & Senja Väättäinen
14:45-15:15	REFRESHMENTS	Kahvila ¹

Finnish terms: 1 Café; 2 Restaurant

***An online computer demonstration will be offered in the poster session



DETAILED PROGRAMME

Wednesday 29 August 2012 (continued)

15:15-16:15	Plenary Session 2 Chair: Jens Christian Refsgaard	Auditorium
	Keynote Presentation 3 Climate change in the Arctic: who is vulnerable?	Carina Keskkitalo
	Keynote Presentation 4 Informing and advising on climate change adaptation in Canada: a decade of experience	Alain Bourque
16:15-16:30	REFRESHMENTS	Kahvila¹
16:30-18:00	Parallel Session 2.1: Adaptation information and portals II Chair: Grete Hovelsrud	Auditorium
2.1.1	Experiences from developing adaptation tools in a trans disciplinary manner	Annika Carlsson-Kanyama
2.1.2	Adaptation support: linking science, stakeholder knowledge and results from practical testing	Andrea Prutsch
2.1.3	Communicating adaptation knowledge to support strategy development and implementation on local level	Petra Mahrenholz
2.1.4	Centre for Regional change in the Earth System (CRES)	Jens H. Christensen
16:30-18:00	Parallel Session 2.2: Uncertainty Chair: Timothy Carter	Room 1-2
2.2.1	Uncertainties in Climate Adaptation: Are They Undermining Decision-making Processes?	Ana Rovisco
2.2.2	Consideration of uncertainty in European National Adaptation Strategies	Susanne Lorenz
2.2.3	The role of uncertainty in climate change adaptation - examples from the water sector in Denmark	Jens Christian Refsgaard
2.2.4	Moving from a one-dimension to a multi-dimension perspective on uncertainty: Paralyzing or stimulating local climate change adaptation?	Carlo Aall
16:30-18:00	Parallel Session 2.3: Flood risk Chair: Adriaan Perrels	Room 3
2.3.1	Adapting Quebec coastal communities to climate change : progress assessment after 10 years of research and participative approaches	Jean-Pierre Savard
2.3.2	Vulnerability And Adaptation Assessment Of Flood Prone Areas	Tony Rosqvist
2.3.3	Vulnerability of flood peaks to climate change in Great Britain	Christel Prudhomme
2.3.4	Climate Change: Risk Perceptions in Norway	Päivi Lujala
16:30-18:00	Parallel Session 2.4: Regional strategy development II Chair: Oskar Wallgren	Room 5
2.4.1	ClimateXChange: Linking Adaptation Research with Adaptation Decision-Making in Scotland	Iain Brown
2.4.2	The BaltAdapt Project – A Multi-Stakeholder, Transnational Approach toward a Regional Adaptation Strategy for the Baltic Sea Region	Maxi Nachtigall
2.4.3	Climate change impacts and the adaptation measures in the Finnish water industry	Mirjam Orvomaa
2.4.4	Has climate change affected whitefish reproduction and catches in the Gulf of Bothnia?	Lauri Urho
16:30-18:00	Parallel Session 2.5: Rural livelihoods Chair: Karen O'Brien	Room 6
2.5.1	Adaptive capacity and community resilience in Northern Norwegian communities	Helene Amundsen
2.5.2	Impacts of climate changes on Arctic herding communities. The case of Finnish Fell Lapland	Élise Lépy
2.5.3	Land Use conflict in a Climate Change Perspective: Reindeer herding in Nordland, Northern Norway	Camilla Risvoll-Godø
2.5.4	Migrating to Tackle Climate Variability and Change? Insights from Coastal Fishing Communities of Bangladesh	Md. Monirul Islam
18:00	BUSES FOR RECEPTION AT HELSINKI CITY HALL (STARTS AT 18:30) RETURN BUS TO RANTAPUISTO AT 20:15	Rantapuisto main entrance Helsinki City Hall entrance

Finnish terms: 1 Café



DETAILED PROGRAMME

Thursday 30 August 2012

08:00-09:00	REGISTRATION	Rantapuisto lobby
09:00-10:00	Plenary Session 3 Chair: Sigrún Karlsdóttir Keynote Presentation 5 Climate change, biodiversity and conservation planning Keynote Presentation 6 Estimating the costs and benefits of climate change adaptation in Europe	Auditorium Mar Cabeza Paul Watkiss
10:00-10:30	REFRESHMENTS	Kahvila¹
10:30-12:00	Parallel Session 3.1: National adaptation strategies I – Policy Chair: Sabine McCallum	Auditorium
3.1.1	Evaluating climate change adaptation policies in European countries: Policy labeling or Policymaking?	Johann Dupuis
3.1.2	Evaluation and revision of Finland's National Adaptation Strategy	Sanna Luhtala
3.1.3	Adaptation to climate change – agenda setting and policy integration in Germany	Rebecca Stecker
3.1.4	Monitoring and evaluating adaptation measures - a critical review	Mikael Hildén
10:30-12:00	Parallel Session 3.2: Urban planning I Chair: Hans Jørgen Henriksen	Room 1-2
3.2.1	City 2 - Ecologies of Climate Change Adaptation	Nora Kinnunen
3.2.2	Climate Change Adaptation in Urban Design: the Expectant Design Approach	Laura A. Delaney Ruskeepää
3.2.3	Towards legitimate governance arrangements for adaptive flood risk management in urban areas	Heleen Mees
3.2.4	Climate change considerations in urban planning	Irmeli Wahlgren
10:30-12:00	Parallel Session 3.3: Natural resource management I Chair: Carlo Aall	Room 3
3.3.1	Adaptation of management of Norway spruce stands to changing climate	Raisa Mäkipää
3.3.2	Spruce forests on their southern boundaries: to adapt or not to adapt	Viktar Kireyev
3.3.3	Mitigating the effects of climate change - Assisted Dispersal and regulation	Elina Vaara
3.3.4	Boreal protected area network as an adaptation means to preserve avian biodiversity in a changing climate	Raimo Virkkala
10:30-12:00	Parallel Session 3.4: Economic appraisal I Chair: Kirsten Halsnæs	Room 5
3.4.1	Impact Assessment, Costs, and Decision Making for Climate Change and Adaptation	Jay Gregg
3.4.2	SALDO: the Social costs of Adaptation: approaches to an evaluation of aDaptation Options	Martin König
3.4.3	Insure or Invest in Green Technologies to Protect Against Adverse Weather Shocks ?	Sami Myyrä
3.4.4	Interpreting welfare effects in induced economic impact evaluation of extreme events	Hanna Virta
10:30-12:00	Parallel Session 3.5: Policy learning I Chair: Sirkku Juhola	Room 6
3.5.1	Integrating Stakeholders in Policy Development for Adaptation to Climate Change: Lessons and Experience from German Dialogue Processes	Esther Hoffmann
3.5.2	Engaging stakeholders in identification of capacity development needs within disaster risk reduction by means of a think tank process	Peter van der Keur
3.5.3	Participation and learning for climate change adaptation: Experiences from local urban planning and forestry in Sweden	Oskar Wallgren
3.5.4	Exploring the interactions between science, stakeholders and their implications for learning about climate change adaptation: Experiences from the Swedish Forestry Sector	Gregor Vulturius
12:00-13:15	LUNCH PRESS LUNCH	Ravintola² (both floors) Ravintola² (Kabinetti)
13:15-14:45	Plenary Panel – Research Chair: Richard Klein Ian Burton, University of Toronto Kristie Ebi, IPCC Janne Hukkinen, Helsinki University/FP7 Advisory Group Markku Rummukainen, Mistra-SWECIA Harry Zilliacus, NordForsk	Auditorium
14:45-16:00	POSTER SESSION AND REFRESHMENTS (Posters P1-P5)	Areena³
***P1	Climate Information: Using the Spotfire platform to improve data visualisation and accessibility of UK climate projections	Joseph Hägg
P2	Property managers compliance in property insurance policies, focus on flash flooding	Petri Saarinen
P3	Adaptation to coastal flooding on household level: To what extent is it determined by nationality?	Jana Koerth
***P4	MAVERIC: interactive mapping of vulnerability to climate change at a municipality-scale in Finland – online demonstration of an internet mapping tool	Stefan Fronzek
P5	Co-operating efforts within the Nordic Framework for Climate Services	Elin Löwendahl

Finnish terms: 1 Café; 2 Restaurant; 3 Arena

***An online computer demonstration will be offered



DETAILED PROGRAMME

Thursday 30 August 2012 (continued #1)

14:45-16:00	POSTER SESSION AND REFRESHMENTS (Posters P6-P49)	Areena ³
P6	Visualization supported dialogue for climate adaptation in the Baltic Sea Region	Tina-Simone Neset
***P7	LandCaRe-DSS, an interactive, model-based decision support system for scenario-driven climate change adaptation in agriculture	Michael Berg
P8	Bridging the gap between Science and Society	Marianne Hall
P9	Skiing on thin snow? – Assessing the usability of a planning support tool on climate change-related vulnerability of winter outdoor recreation in Finland	Simo Haanpää
P10	Smart Phone Application for Promoting Climate Change and Food Safety Awareness	Gun-Hee Kim
P11	Building adaptive capacity through inter- and transdisciplinary scenario planning: Findings from a case study in Rostock, Germany	Bart Jan Davidse
P12	Minding the uncertainties	Jussi Ylhäisi
P13	Methods for assessing vulnerability	Jan Ketil Rød
P14	Institutional challenges of water governance to adapt to a changing climate – a case study of the Rhine	Rebecca Stecker
P15	How do municipalities in Sweden deal with uncertain sea level rise in their planning?	Jacob von Oelreich
P16	Land use planning and emergency provision for a changing climate	Halvor Dannevig
P17	How to design a successful stakeholder dialogue on adaptation to climate change?	Esther Hoffmann
P18	Corporate Adaptation to Climate Change: A Learning Challenge	Esther Hoffmann
P19	NGOs and Climate change adaptation: Whose interest matters???	Faith Mavengere
P20	Networking global climate adaptation actors: A concept from climate-sensitive Taiwan	Yi-Chang Chiang
P21	Decision Support for Climate Change Adaptation	Heikki Tuomenvirta
P22	Farmers' perceptions on climate change: Information needs and barriers for implying mitigation and proactive adaptation	Hanna Mäkinen
P23	Structuring tools for municipal climate adaptation planning - process and impact analysis	Christina Frost
P24	Synergies, Conflicts and Trade-offs: Findings from a comparative case study of Copenhagen and Portland	Patrick Driscoll
P25	Mitigating the impacts of extreme weather originated disasters by simulating the effects of different preparation and action decisions of crisis management	Anna-Mari Heikkilä
P26	Stakeholder analysis of flood risk management reduction strategies in Paz River catchment, Guatemala-El Salvador	Héctor Estuardo Guinea Barrientos
P27	Rural Transformations: Livelihood adaptation to climate change in Uganda.	Sarah Cooper
P28	Adapting to climate change: households' response strategies to hailstorm and drought in Lijiang, China	Yuan Zheng
P29	Impacts of climate change on multiple ecosystem services: processes and adaptation options at landscape scales (CLIMES)	Maria Holmberg
P30	Livelihoods, Vulnerability and Adaptive Capacity: A Case Study from Rural Lao	Xi Jiao
P31	Investigating the relationship between mortality and temperature and a possible acclimatization effect in Finland	Reija Ruuhela
P32	Stratified climate vulnerability analysis for heat waves in a Swedish city: who is vulnerable and why?	Lina Lundgren
P33	Exposure to heat and occupational health in a warming world	Karin Lundgren
P34	Planning a sustainable and climate-proof built environment: the special case of real estate value formation and residential qualities	Athanasios Votsis
P35	Dynamics of mixed-species forests in changing climate – how different species combinations adapt to climate change?	Vladimir Shanin
P36	Carbon balance of forest land in Finland under the effect of different levels of wood use and climate change	Risto Sievänen
P37	How does climate change affect forest carbon balances and damages – Climforisk, EU Life+ project	Mikko Peltoniemi
P38	The impact of climate-change-induced storm risk on the optimal rotation period in Finnish forests	Karoliina Pilli-Sihvola
P39	Modelling Growth from Stem Diameter Changes during Drought of Scots Pine	Tommy Chan
P40	Autumn frost hardening development of Scots pine and Norway spruce seedlings in future climate	Saila Varis
P41	Estimating carbon fluxes by combining climate-sensitive process models, NFI data and Landsat satellite images	Sanna Härkönen
P42	Ecosystem modeling of vegetation growth and risk for damage– linking user needs to model development	Bakhtiyor Pulatov
P43	A survey study on nature conservation in semi-natural grasslands and forests in a changing climate	Anna Tainio
P44	Perceptions on Resilience in Finnish Food Supply Chains	Antti Puupponen
P45	Pre-anthesis high-temperature acclimation alleviates damage to the flag leaf caused by post-anthesis heat stress in wheat	Xiao Wang
P46	Enhancing adaptive capacity of Finnish agrifood systems: a Delphi based survey on stakeholder views	Sari Himanen
P47	Green roofs as an urban adaptation tool – Cost-benefit analysis	Väinö Nurmi
P48	Climate change impacts on energy demand for heating and cooling of buildings in Finland	Kirsti Jylhä
P49	Climatic challenges in road maintenance: will they increase or not?	Ari Venäläinen

Finnish terms: 3 Arena

***An online computer demonstration will be offered



DETAILED PROGRAMME

Thursday 30 August 2012 (continued #2)

16:00-17:30	Parallel Session 4.1: National adaptation strategies II – Research Chair: Andrea Prutsch	Auditorium
4.1.1	Selecting appropriate methods for adaptation decisions	Alexander Bisaro
4.1.2	Matching available climate change knowledge with adaptation strategies at the national level: an example from Portugal	Ana Gomes
4.1.3	Synthesis of adaptation research in different sectors in Finland	Reija Ruuhela
4.1.4	Reframing adaptation? - responding to indirect impacts of climate change	Oskar Wallgren
16:00-17:30	Parallel Session 4.2: Urban planning II Chair: Carlo Aall	Room 1-2
4.2.1	The role of social strategy games in understanding the trade-offs between mitigation and adaptation in climate change decision-making in cities	Sirkku Juhola
4.2.2	Governing adaptation to natural hazards in land-use planning	Trude Rauken
4.2.3	Managing conflicting claims in planning: the example of climate change adaptation in local housing policy	Mattias Hjerpe
4.2.4	Afraid of (Climate) Change? Institutional Implications in Local Climate Change Governance	Anja Wejs
16:00-17:30	Parallel Session 4.3: Natural resource management II Chair: Sigrún Karlsdóttir	Room 3
4.3.1	Significance of adaptation to forest management and economic returns in forests under transition due to climate change	Annikki Mäkelä
4.3.2	Modelling interactions of climate, crop management and phenology and their effect on barley yields in Finland (1971-2010).	Reimund Rötter
4.3.3	Identifying synergies between adaptation and mitigation strategies in agriculture	Anita Wreford
**4.3.4	New 30-year time series of agroclimatic indicators for present and future climate as a basis for assessing different adaptation strategies for crop production in Finland	Jukka Höhn
16:00-17:30	Parallel Session 4.4: Economic appraisal II Chair: Paul Watkiss	Room 5
4.4.1	Response to weather conditions and weather forecasts as a basis for assessing climate change adaptation	Adriaan Perrels
4.4.2	Effects of Climate Change on Inland Waterway Transport Networks	Tim Breemersch
4.4.3	A way of assessing flood risks changes from hazard maps	Jari Silander
4.4.4	Environmental and economic impact assessment due to sea-level rise in the Basque coast based on different scenarios obtained from the geological record	Elisa Sainz de Murieta
16:00-17:30	Parallel Session 4.5: Policy learning II Chair: Carina Keskitalo	Room 6
4.5.1	Dealing with ambiguity in climate change adaptation - conceptual framework	Hans Jørgen Henriksen
4.5.2	Conservation and/or Adaptation? Clashing Cognitive Frames in Adaptation Policy at the EU	György Pataki
4.5.3	Gendering the Local Climate Adaptation Process	Karin Edvardsson Björnberg
4.5.4	Cultural Differences in Handling Climate Change Adaptation	Nicole Mahlkow & Karsten Balgar
17:30-18:00	ALL POSTERS TO BE DISMOUNTED	Storage room available
18:00	BUSES LEAVE FOR CONFERENCE DINNER AT HAIKKO MANOR RETURN BUSES TO RANTAPUISTO AND CITY CENTRE DEPART FROM 22:30	Rantapuisto main entrance Haikko Manor parking area

** Listed as presentation 5.3.3 in the Conference Programme and Abstracts volume



DETAILED PROGRAMME

Friday 31 August 2012

08:00-09:00	REGISTRATION	Rantapuisto lobby
09:00-10:00	Plenary Session 4 Chair: Adriaan Perrels Keynote Presentation 7 Framing policy and development co-operation for climate change adaptation Michael Mullan Keynote Presentation 8 The adaptive challenge of climate change Karen O'Brien	
10:00-10:30	REFRESHMENTS Kahvila ¹	
10:30-12:00	Parallel Session 5.1: Enhancing climate services Chair: Reija Ruuhela Auditorium 5.1.1 Understanding the landscape of climate services to inform adaptation decision-making Roger B. Street 5.1.2 The German Climate Service Center: a national answer to a global challenge Michaela Schaller ***5.1.3 Strong wind exposure and wind-loss mapping in Norway Tomasz Opach 5.1.4 Headline Messages: decision-relevant messages on climate change adaptation for Scotland Joseph Hägg	
10:30-12:00	Parallel Session 5.2: Local adaptation plans Chair: Sirkku Juhola Room 1-2 5.2.1 Implementing adaptation to climate change at the local level in Norway Grete K. Hovelsrud 5.2.2 Climate change adaptation and local private actors: a study case of the forestry sector in Wallonia (Belgium) Valentine van Gameraen 5.2.3 Risk and vulnerability analysis – a feasible process for local climate adaptation in Sweden? Karin Mossberg Sonnek 5.2.4 Generic constraints for adaptation in multi-level governance contexts: Lessons from Australia and Finland Susanna Kankaanpää	
10:30-12:00	Parallel Session 5.3: Projecting impacts and adaptation responses Chair: Jens Hesselbjerg Christensen Room 3 5.3.1 Impacts and adaptation options of climate change on ecosystem services in Finland: a model based assessment Martin Forsius 5.3.2 Adaptation to climate change in agricultural water protection – Catchment scale model analysis Katri Rankinen **5.3.3 Diversification as a means to enhance resilience of agrifood systems Helena Kahiluoto 5.3.4 Probabilistic assessment of crop adaptation options under a changing climate Nina Pirttioja	
10:30-12:00	Parallel Session 5.4: Energy and infrastructure Chair: Oskar Wallgren Room 5 5.4.1 Adapting utilities to climate change – challenges, conflicts, and barriers in Germany Esther Hoffmann 5.4.2 Adaptation to climate change of engineering structures Mark Trexler 5.4.3 A Bayesian Classifier for Climate Model Ensemble Selection Luca Garrè 5.4.4 Governing quasi-public network services for adaptation to climate change Tor Håkon Inderberg	
10:30-12:00	Parallel Session 5.5: Health and well being Chair: Kristie Ebi Room 6 5.5.1 Climate change and infectious disease in Europe: Mapping future vulnerabilities Jonathan E. Suk 5.5.2 Climate change and health - building resilience through eHealth Åsa Holmner Rocklöv 5.5.3 Climate change adaptation in practical level tourism development Kaarina Tervo-Kankare 5.5.4 Climate change vulnerability indicators for cross-country skiing Mia Landauer	
12:00-13:15	LUNCH* Ravintola ² (both levels)	
13:15-14:45	Plenary Panel – Policy Chair: Mikael Hildén Auditorium Anne Brunila, Fortum Oyj Kåre Svarre Jakobsen, Danish Nature Agency Sabine McCallum, Austrian Environment Agency Ville Niinistö, Finnish Minister of the Environment Haavard Stensvand, Head of Civil Protection and Emergency Planning, Sogn og Fjordane	
14:45-15:30	Plenary Session 5 – Closing Chair: Timothy Carter Auditorium Young researcher synopsis Patrick Driscoll & Eivind Junker Poster award Paavo-Petri Ahonen Reflections: NONAM & NORDCLAD-Net Adriaan Perrels & Oskar Wallgren Final remarks, Acknowledgements and Close Timothy Carter	
15:30	CLOSE	

Finnish terms: 1 Café; 2 Restaurant

* Lunch on Friday will be in two sittings, the second at 12:30 (details to be announced)

** Listed as presentation 4.3.4 in the Conference Programme and Abstracts volume

*** An online computer demonstration will be offered in the poster session