

International Conference  
**Climate Change and Regional Response 2013 (CCRR-2013)**  
**Impacts and Adaptation Strategies for Public, Commercial and Private Actors**  
 May 27 - 29 2013, Dresden, Germany  
 Hotel Westin Bellevue, Große Meissner Straße 15, 01097 Dresden

## DETAILED PROGRAMME

**MONDAY, 27th May 2013**

9:00am	Arrival and Registration for participants of the Young Researchers Forum, Bankettfoyer
YRF 9:30 am - 1:00 pm	<p><b>YOUNG RESEARCHERS FORUM</b>          9:30am -1:00pm, Salon Elbterrasse  <i>S. Hänsel, Technische Universität Bergakademie Freiberg</i></p> <p><b>9:30 - 9:35 a.m.</b>  <b>ADDRESS OF WELCOME</b>  <i>W. Sommer; Saxon State Ministry for the Environment and Agriculture; DE</i></p> <p><b>INTRO</b>  <b>Fundamentals and success factors of climate change adaptation</b>  <i>A. Müller*, S. Hänsel, J. Matschullat; *Technische Universität Bergakademie Freiberg; DE</i></p> <p><b>WATER SECTOR</b>  <b>HOT SPOTs as initiator of the urban development for sustainable drainage systems (SUBS)</b>  <i>S. Minar; University of Leipzig; DE</i></p> <p><b>Impacts of salt water intrusion on agriculture production in the Vu Gia Thu Bon estuary, Central Vietnam</b>  <i>T. Quoc Viet*, H. Stolpe, L. Ribbe, et al.; Ruhr University Bochum and Cologne University of Applied Sciences; DE</i></p> <p><b>Data Availability – A challenge for climate impact and adaptation research</b>  <i>S. Tesch*, V. Dunger, J. Matschullat; *Technische Universität Bergakademie Freiberg; DE</i></p> <p><b>AGRICULTURE</b>  <b>Adapting to climate change: A case study on modeling viticultural farming practices under spatial and temporal constraints,</b> <i>E. Neethling; French National Institute for Agricultural Research; FR</i></p> <p><b>ECONOMY</b>  <b>Impacts of Climate Change on Financial Indicators</b>  <i>A. Bergmann; Technische Universität Bergakademie Freiberg; DE</i></p>
10:45 - 11:00 am	Coffee & Tea, Bankettfoyer
YRF 9:30 am - 1:00 pm	<p><b>TOURISM</b>  <b>Climate adaptation in coastal tourism: The benefit of uncertainties</b>  <i>C. Filies; The Coastal Union Germany; DE</i></p> <p><b>URBAN PLANNING</b>  <b>Adapting urban structure types on climate change impacts</b>  <i>K. Koß; University of Leipzig; DE</i></p> <p><b>TRANSPORT INFRASTRUCTURE</b>  <b>Climate change impact on vulnerability of asphalt pavements due to the frost damage</b>  <i>I. Stipanovic Oslakovic*, A. Hartmann, G. Dewulf, et al.; *University of Twente; NL</i></p>

<p><b>YRF</b></p> <p>9:30 am - 1:00 pm</p>	<p><b>YOUNG RESEARCHERS FORUM, continued</b> 9:30am -1:00pm, Salon Elbterrasse</p> <p><b>HEALTH</b> <b>Ascertainment and monitoring of increasing health risks in cattle due to parasitism caused by global climate change</b> <i>C. Brandt, J. Demeler*, G. v. Samson-Himmelstjerna; *Freie Universität Berlin; DE</i></p> <p><b>Investigation of climatic effects on cattle parasites in an incubator-experiment</b> <i>F. Knapp-Lawitzke, G. v. Samson-Himmelstjerna, J. Demeler*; *Freie Universität Berlin; DE</i></p> <p><b>PRACTICAL EXPERIENCE</b> <b>Climate Change Vulnerability of the Cambodian Society towards drought and flood impacts</b> <i>S. Seang; Save Cambodia's Wildlife; KH</i></p> <p><b>Experiences with climate change adaptation activities in Cambodia</b> <i>S. Seang; Save Cambodia's Wildlife; KH</i></p> <p><b>12:30 - 1:00 p.m.</b> <b>FINAL DISCUSSION</b> <i>S. Hänsel; Technische Universität Bergakademie Freiberg; DE</i></p>		
<p>1:00pm</p>	<p>Arrival and Registration, Bankettfoyer</p>		
<p><b>Plenum 1</b></p> <p>2:00 - 3:30 pm</p>	<p><b>OPENING SESSION</b> Saal Bellevue 1+2</p> <p><b>Climate Change and Regional Response</b> <i>B. Müller; Leibniz Institute of Ecological Urban and Regional Development; DE</i></p> <p><b>Mitigation for Adaptation – About making the right decisions</b> <i>S. Dreyer; Carbon Disclosure Project; DE</i></p> <p><b>Preparing for future climate change and limited resources – A challenge for the City of Dresden</b> <i>C. Korndörfer; City of Dresden; DE</i></p> <p><b>Climate change: Assessing the associated uncertainty in a regional impact approach</b> <i>C. Bernhofer; Technische Universität Dresden; DE</i></p>		
<p>3:30 - 4:00 pm</p>	<p>Coffee &amp; Tea, Bankettfoyer</p>		
<p><b>Parallel Sessions 1</b></p> <p>4:00 - 7:00 pm</p>	<p><b>Session 1a</b> Saal Bellevue 1+2</p> <p><b>MODELLING CLIMATE CHANGE – DOWNSCALING AND UNCERTAINTY</b> <i>C. Bernhofer, Technische Universität Dresden; DE</i></p> <p><b>4:00 - 4:25 pm</b> <b>Characterization and comparison of mean temperatures and Winkler index evolution between observed and simulated MM5 data (1970-1989) in wine-growing regions of Argentina</b> <i>E. Briche*, F. Cabre, C. Saulo, et al.; *Centro de Investigaciones del Mar y la Atmosfera; AR</i></p>	<p><b>Session 1b</b> Saal Bellevue 3</p> <p><b>ECONOMICS AND POLITICS OF ADAPTION MEASURES</b> <i>M. Thum, Ifo Institute for Economic Research; DE</i></p> <p><b>4:00 - 4:35 pm</b> <b>Economic opportunities in climate change adaptation: Case study of cities</b> <i>J.- T. Huang*, E. Günther;* Technische Universität Dresden; DE</i></p>	<p><b>Session 1c</b> Salon Elbterrasse</p> <p><b>NATURE CONVERSATION - IMPLEMENTING RESILIENCE STRATEGIES</b> <i>A. Herberg, Federal Agency for Nature Conservation; DE</i></p> <p><b>4:00 - 4:25 pm</b> <b>Adapting nature conservation to climate change – A regional strategy developed in the scope of the REGKLAM Model Project</b> <i>A. Hilbrich*, H. Schlumprecht; *Leibniz Institute of Ecological Urban and Regional Development; DE</i></p>

Parallel Sessions 1	<u>Session 1a, continued</u> Saal Bellevue 1+2	<u>Session 1b, continued</u> Saal Bellevue 3	<u>Session 1c, continued</u> Salon Elbterasse
4:00 - 7:00 pm	<p><b>4:25 - 4:50 pm</b>  <b>Mitigation of growing stress on water resources in Brasília/DF – Development of Regional Climate Change Scenarios using Statistical Downscaling</b>  <i>P. B. de Amorim*, K. Barfus, L. T. Guimarães Fortes; *TU Dresden; DE</i></p>	<p><b>4:35 - 5:10 pm</b>  <b>“Parameterised regional futures” as climate change impact assessment and adaptation methodology for cross-sectoral decision making: Concept and testing</b>  <i>J. Schanze*, A. Sauer, C. Bernhofer, et al.; *Leibniz Institute of Ecological Urban and Regional Development; DE</i></p>	<p><b>4:25 - 4:50 pm</b>  <b>Managing protected areas under climate change – Adapting nature conservation in Central Europe</b>  <i>M. Neubert*, S. Rannow; *Leibniz Institute of Ecological Urban and Regional Development; DE</i></p>
	<p><b>4:50 - 5:15 pm</b>  <b>Selection and evaluation of regional climate projections for the Model Region Dresden</b>  <i>M. Heidenreich*, S. Hänsel, J. Franke, et al.; *Technische Universität Dresden; DE</i></p>		<p><b>4:50 - 5:15 pm</b>  <b>Adaptation of protected area management: Methods and challenges</b>  <i>C. Wilke; Technische Universität of Berlin; DE</i></p>
	<p><b>5:15 - 5:40 pm</b>  <b>Future drought conditions in the REGKLAM Region</b>  <i>S. Hänsel; Technische Universität Bergakademie Freiberg; DE</i></p>	<p><b>5:20 - 5:55 pm</b>  <b>Adaptation against flooding and sea-level rise in a harbor city: The optimal level of public investment in land and infrastructure quality. A spatial CGE analysis for the city of Hamburg</b>  <i>G. Hirte*, E. Nitzsche; *Technische Universität Dresden; DE</i></p>	<p><b>5:25 - 5:50 pm</b>  <b>Implications of climate change for FFH-Forest Habitat Types – Examples from the biosphere reserve Vessertal-Thuringian Forest within the framework of the EU-Project HABIT-CHANGE</b>  <i>N. Feske*, N. Frischbier, I. Profft; *Service a. Competence Center ThüringenForst; DE</i></p>
	<p><b>5:40 - 6:05 pm</b>  <b>Comparison of the three stochastic weather generators (GEM6, ClimGen and LARS-WG) for a dry climate in Babylon region/IRAQ</b>  <i>F. Al-Janabi*, C. Bernhofer; *Technische Universität Dresden; DE</i></p>	<p><b>5:55 - 6:30 pm</b>  <b>Adaptation to climate change in German municipalities – Requirements, institutionalization and implementation</b>  <i>E. Chrischilles; Cologne Institute for Economic Research; DE</i></p>	<p><b>5:50 - 6:15 pm</b>  <b>Climate change and biodiversity in outdoor recreation destinations – Perception of stakeholders and their motivation to take action</b>  <i>G. Lupp*, L. Heuchele, W. Konold, et al.; *Leibniz Institute of Ecological Urban and Regional Development; DE</i></p>
	<p><b>6:05 - 6:30 pm</b>  <b>Addressing challenges and uncertainties for the use of agro-ecosystem models to assess climate change impact and food security across scales</b>  <i>C. Nendel*, F. Ewert, R.P. Rötter, et al.; *Leibniz Centre for Agricultural Landscape Research; DE</i></p>		
	<p><b>6:30 - 6:55 pm</b>  <b>Variation of climate projections versus variation of their climate impact – Interpretation of regional projections from the impact perspective</b>  <i>B. Köstner*, M. Alsheimer, M. Berg, M. Heidenreich, et al.; *Technische Universität Dresden; DE</i></p>		<p><b>6:15 - 6:40 pm</b>  <b>Responsible corporate practices for sustainable environment: The case of Nigeria’s Niger Delta, O. Oluduro*, O. F. Oluduro; *University Akungba-Akoko; NG</b></p>

**7:30 pm** Conference Dinner , Hotel Bellevue  
We welcome all participants who booked the Conference Dinner in advance

TUESDAY, 28th May 2013

8:30 am	Arrival, Coffee & Tea, Bankettfoyer			
Parallel Sessions 2  9:00 am - 12:30 pm	<p><b>Session 2a</b> Saal Bellevue 1+2</p> <p><b>REGIONAL ADAPTION STRETEGIES AND PLANNING I</b> <i>B. Müller, Leibniz Institute of Ecological Urban and Regional Development; DE</i></p>	<p><b>Session 2b</b> Saal Bellevue 3</p> <p><b>ADAPTION STRATEGIES FOR INDUSTRY SECTORS AND COMPANIES</b> <i>E. Günther, Technische Universität Dresden; DE</i></p>	<p><b>Session 2c</b> Salon Elbterrasse</p> <p><b>INTEGRATED ASSESSMENT AND MANAGEMENT STRATEGIES IN AGRICULTURE AND FORESTRY</b> <i>F. Makeschin, Technische Universität Dresden; DE</i></p>	<p><b>Session 2d</b> Salon Leipzig</p> <p><b>DEVELOPMENT AND MAINTENANCE OF URBAN GREEN</b> <i>W. Wende, Leibniz Institute of Ecological Urban and Regional Development; DE</i></p>
	<p><b>9:00 - 9:25 am</b> <b>Integrated climate change adaptation programme in the Dresden region – The REGKLAM example</b> <i>G. Hutter; Leibniz Institute of Ecological Urban and Regional Development; DE</i></p>	<p><b>9:00 - 9:25 am</b> <b>How companies think the future: Corporate adaptation strategies to climate change</b> <i>J. Meyr*, E. Günther; *Technische Universität Dresden; DE</i></p>	<p><b>9:00 - 9:30 am</b> <b>KEYNOTE: Ecosystem services – a promising concept for sustainable land use</b> <i>O. Bastian; Leibniz Institute of Ecological Urban and Regional Development; DE</i></p>	<p><b>9:00 - 9:30 am</b> <b>Thermal and perceived impact of urban green on thermal comfort on warm summer days in Utrecht, the Netherlands</b> <i>W. Klemm*, B. Heusinkveld, S. Lenzholzer, et al.; *Wageningen University; NL</i></p>
	<p><b>9:25 - 9:50 am</b> <b>Solution-based spatial planning in a comprehensive river management plan: Disaster risk management for Jhuoshuei River, Taiwan</b> <i>Y-F. Lin, National Science and Technology Center for Disaster Reduction; TW</i></p>	<p><b>9:25 - 09:50 am</b> <b>Regional climate adaptation solutions towards resilient energy systems</b> <i>S. Stührmann*, S. Gößling Reisemann, T. Blöthe, et al.; *University of Bremen; DE</i></p>	<p><b>9:30 - 9:50 am</b> <b>Developing multi-scale climate adaptation strategies and practices for farming communities in India, Cambodia and Laos</b> <i>C. H. Roth*, R. Adusumilli, P.R. Brown, et al.; *Commonwealth Scientific and Industrial Research Organisation; AU</i></p>	<p><b>9:30 - 10:00 am</b> <b>Green infrastructure and high density built up areas – An Asian example from Nagoya city, Japan</b> <i>H. Shimizu*, A. Murayama, N. Kawaguchi; *Nagoya University Japan; JP</i></p>
	<p><b>9:50 - 10:15 am</b> <b>Achieving citywide planning goals through Machizukuri: The recent movement in Nagoya city, Japan</b> <i>A. Murayama; Nagoya University Japan; JP</i></p>	<p><b>9:50 - 10:15 am</b> <b>Climate change impacts on energy production and energy conversion technologies</b> <i>A. Herrmann*, J. Matschullat, D. Trimis, *Technische Universität Bergakademie Freiberg; DE</i></p>	<p><b>9:50 - 10:10 am</b> <b>Integrating agricultural adaptation strategies in regional assessment systems by combining regional crop sequences and agricultural management</b> <i>M. Lorenz; Saxon State Office for the Environment, Agriculture and Geology and Technische Universität Dresden; DE</i></p> <p><b>10:10 - 10:30 am</b> <b>The consideration of land management for ecosystem services assessment at a landscape scale</b> <i>L. Koschke*, C. Fürst, M. Lorenz, et al.; *Technische Universität Dresden; DE</i></p>	<p><b>10:00 - 10:30 am</b> <b>Effect modification of the association meteorological variables and mortality by urban climatic conditions in a tropical city: Kaohsiung, Taiwan</b> <i>W. B. Goggins*, C. Ren, E. Ng, et al.; *Chinese University of Hong Kong; HK</i></p>

Parallel Sessions 2	<u>Session 2a, continued</u> Saal Bellevue 1+2	<u>Session 2b, continued</u> Saal Bellevue 3	<u>Session 2c, continued</u> Salon Elbterrasse	<u>Session 2d, continued</u> Salon Leipzig
9:00 am - 12:30 pm			<b>10:30 - 11:45am</b> <b>Visualisation and quantification of water erosion and its simulation under different land management strategies</b> <i>A. Witt*, C. Fürst, T. Gumpert, et al.; *Technische Universität Dresden; DE</i>	
10:30 - 11:00 am	Coffee & Tea; Bankettfoyer			
Parallel Sessions 2 9:00 am - 12:30 pm	<b>11:00 - 11:20 am</b> <b>Adapting the formal instruments of spatial planning to the challenges of climate change</b> <i>M. Albers; HafenCity University Hamburg; DE</i>	<b>11:00- 11:20 am</b> <b>Strategic climate change adaptation: Barriers and challenges</b> <i>J. Freimann, C. Mauritz, M. Walther*; *University of Kassel; DE</i>	<b>11:00 - 11:15 am</b> <b>Influence of afforestation on landscape pattern and the provision of ecosystem services</b> <i>S. Frank*, C. Fürst, L. Koschke, et al.; *Technische Universität Dresden and Univ, of Bonn; DE</i>	<b>11:00 - 11:30 am</b> <b>Green infrastructure – Demands, opportunities and planning approaches for urban climate adaptation</b> <i>S. Rößler*, J. Mathey; *Leibniz Institute of Ecological Urban and Reg. Development; DE</i>
	<b>11:20 - 11:40 am</b> <b>KommAKlima - Analysis of health-promoting strategies, processes and instruments for adaptation to climate change in German municipalities at the interface between environment, public health and urban planning</b> <i>B. Brei*, T. Mc Call, A. Keydel, et al.; *University of Bielefeld; DE</i>	<b>11:20 - 11:40 am</b> <b>What factors affects climate change adaptation? A survey of small and medium businesses</b> <i>K. Stechemesser*, J. Herrmann, E. Günther, *Technische Universität Dresden; DE</i>	<b>11:20 - 11:40 am</b> <b>The effects of short rotation coppice on the visual landscape: An investigation for different landscape types in the Hamburg Metropolitan Region</b> <i>T. Boll*, B. Warren-Kretzschmar; *Leibniz Universität Hannover; DE</i>	
	<b>11:40 - 12:00 am</b> <b>An adaptation programme to climate change for the City of Chemnitz – experiences and prospects</b> <i>P. Schneider; C&amp;E Consulting and Engineering; DE</i>	<b>11:40 - 12:00 am</b> <b>Impacts of Climate Change on Financial Indicators</b> <i>A. Bergmann*, E. Günther; *Technische Universität Dresden; DE</i>	<b>11:40 - 12:00 pm</b> <b>Impact assessment of climate change on agricultural crop yield and irrigation water demand in Thuringia, Germany</b> <i>W. Mirsche*I, R. Wieland, K.-O. Wenkel, et al.; *Leibniz-Centre for Agricultural Landscape Research; DE</i>	<b>11:30 - 12:00 am</b> <b>How does urban planning affect thermal comfort of pedestrians? Numerical case studies in the City of Dresden (Saxony/ Germany)</b> <i>V. Goldberg*, C. Kurbjuhn, C. Bernhofer; *Technische Universität Dresden; DE</i>
	<b>12:00 - 12:30 pm</b> <b>Discussion</b> <i>B. Müller; Leibniz Institute of Ecological Urban and Regional Development; DE</i>	<b>12:00 - 12:30 pm</b> <b>Final Discussion "Adaptation strategies for industry sectors and companies"</b> <i>E. Günther; Technische Universität Dresden; DE</i>	<b>12:00- 12:15 pm</b> <b>Challenges of modelling climate change impacts on bio-economic systems - The example of dairy farming in northwestern Germany</b> <i>M. Martinsohn*, H. Hansen; *Johann Heinrich von Thuenen Institute; DE</i>	<b>12:00 - 12:30 pm</b> <b>The role of housing companies in the development and maintenance of urban green infrastructure</b> <i>G. Wendorf*, C. Wemheuer; *Technische Universität Berlin; DE</i>

<b>Parallel Sessions 2</b>  9:00 am - 12:30 pm	<u>Session 2a, continued</u> Saal Bellevue 1+2	<u>Session 2b, continued</u> Saal Bellevue 3	<u>Session 2c, continued</u> Salon Elbterrasse  <b>12:15- 12:30 pm</b> <b>Conversion of single-species pine forest stands to species-rich mixed deciduous forests in north-eastern German lowlands</b> <b>simulation of effects on carbon budget</b> <i>M. Janott*, H. Jochheim, U. Heinrich; *Leibniz-Centre for Agricultural Landscape Research; DE</i>	<u>Session 2d, continued</u> Salon Leipzig
12:30 - 1:30 pm	Lunch, Hotel Bellevue, Palaisrestaurant and Atrium			
1:30 - 2:30 pm	<b>POSTER PRESENTATION</b> , Bankettfoyer			
<b>Parallel Sessions 3</b>  2:30 - 6:00 pm	<u>Session 3a</u> Saal Bellevue 1+2  <b>REGIONAL ADAPTATION STRATEGIES AND PLANNING II</b> <i>B. Müller, Leibniz Institute of Ecological Urban and Regional Development; DE</i>  <b>2:30 - 2:50 pm</b> <b>Participatory development of a regional roadmap to a resilient and climate-proof energy system</b> <i>J. Wachsmuth*, S. Gößling-Reisemann, S. Stührmann; *University of Bremen; DE</i>  <b>2:50 - 3:10 pm</b> <b>Regional thermal energy network based on waste energy with desiccants: Pilot project within a climate envelope</b> <i>M. Buchholz*, A. Karasu, R. Buchholz; *Technische Universität Berlin; DE</i>  <b>3:10 - 3:30 pm</b> <b>Scenario planning to increase adaptive capacity? Lessons from a case study in Rostock, Germany</b> <i>B. J. Davidse*, M. Hagemeyer-Klose, S. Depisch; *HafenCity University Hamburg; DE</i>  <b>3:30 - 3:50 pm</b> <b>Assessing climate risks for transport networks by using regional climate projections</b> <i>M. Korn*, K. Fischer, B. Krieger, S. Mayer; *Alfen Consult GmbH; DE</i>	<u>Session 3b</u> Saal Bellevue 3  <b>DEVELOPMENT AND MAINTENANCE OF THE BUILT ENVIRONMENT</b> <i>B. Weller, Technische Universität Dresden; DE</i>  <b>2:30 - 3:00 pm</b> <b>Climate adaptation of existing office buildings</b> <i>B. Weller, M.-S. Fahrion*, S. Horn; *Technische Universität Dresden; DE</i>  <b>3:00 - 3:30 pm</b> <b>Vulnerability Classification of Buildings Regarding Heavy Rainfall</b> <i>B. Günther, J. Nikolowski, T. Naumann*; *Leibniz Institute of Ecological Urban and Regional Development; DE</i>  <b>3:30 - 4:00 pm</b> <b>Building system engineering solutions for climate change adaptation</b> <i>J. Bolsius, Zittau-Görlitz University of Applied Science; DE</i>	<u>Session 3c</u> Salon Elbterrasse  <b>REGIONAL WATER BALANCE</b> <i>J. Matschullat, Technische Universität Bergakademie Freiberg; DE</i>  <b>2:30 - 2:55 pm</b> <b>What changes in extreme precipitation events do ENSEMBLES models project for the REGKLAM region?</b> <i>S. Mehler*, S. Hänsel, J. Matschullat; *Saxon State Office for Environment, Agriculture and Geology; DE</i>  <b>2:55 - 3:20 pm</b> <b>Do large-scale soil conservation measures threaten water supply in dryland areas of NW China?</b> <i>L. Zhang*, K.-H. Feger, K. Schwärzel; *Technische Universität Dresden; DE</i>  <b>3:20 - 3:45 pm</b> <b>Assessment of potential climate change impacts on the regional water resources of Lusatia</b> <i>I. Pohle*, H. Koch, A. Gädeke, et al.; *Brandenburg University of Technology Cottbus; DE</i>  <b>3:45 - 4:10 pm</b> <b>Scenario-based approach for adaptation in the water sector – Case of Santiago de Chile</b> <i>M. Oertel*, L. Simon, H. Lehn; *Karlsruhe Institute of Technology; DE</i>	
4:00 - 4:30 pm	Coffee & Tea; Bankettfoyer			

Parallel Sessions 3 2:30 - 6:00 pm	<u>Session 3a, continued</u> Saal Bellevue 1+2	<u>Session 3b, continued</u> Saal Bellevue 3	<u>Session 3c, continued</u> Salon Elbterrasse
	<p><b>4:30 - 4:50 pm</b> <b>Addressing resilience notion for planning governance in facing climate uncertainty: A comparative study of Kaohsiung (Taiwan) and Rotterdam (the Netherlands)</b> <i>P. Lu; Delft University of Technology; NL</i></p> <p><b>4:50 - 5:10 pm</b> <b>Estimating the effects of various adaptation strategies on the urban climate of Hamburg using high-resolution mesoscale models</b> <i>R. Petrik*, D. Grawe, M. Linde, et al., *University of Hamburg; DE</i></p> <p><b>Final Discussion</b> <i>B. Müller; Leibniz Institute of Ecological Urban and Regional Development; DE</i></p>	<p><b>4:30 - 5:00 pm</b> <b>Floating houses – a regional adaptation strategy in endangered and not endangered regions by water in time of global climate change</b> <i>P. Stangfeld, H. Stopp*; *Hochschule Lausitz; DE</i></p> <p><b>5:00 - 5:30 pm</b> <b>Case studies regarding the economic efficiency of flood protection measures</b> <i>P. Zeisler; Ruiz Rodriguez + Zeisler + Blank Ingenieurgesellschaft; DE</i></p> <p><b>5:30 - 6:00 pm</b> <b>Adapting buildings to climate change – Assessment and recommendation of the insurer</b> <i>M. Wang; Gesamtverband der Deutschen Versicherungswirtschaft Berlin; DE</i></p>	<p><b>4:30 - 5:00 pm</b> <b>Impacts of climate change on small scale catchments in Dresden: Results from different regionalized climate projections</b> <i>D. Leistner*, J. Matschullat, V. Dunger; *TU Bergakademie Freiberg; DE</i></p> <p><b>5:00 - 5:30 pm</b> <b>Comparison of low flow indicators of small lowland catchments of Northeast Germany</b> <i>B. Thomas*, J. Steidl, O. Dietrich, et al.; *Leibniz Centre for Agricultural Landscape Research and University of Potsdam; DE</i></p> <p><b>5:30 - 6:00 pm</b> <b>Uncertainties of vadose zone parameterization and their impact on climate change predictions for a small experimental catchment</b> <i>S. Werisch*, F. Lennartz; *Technische Universität Dresden; DE</i></p>

## WEDNESDAY, 29th May 2013

8:30 am	Arrival, Coffee & Tea, Bankettfoyer		
Parallel Sessions 4 9:00 am - 12:30 pm	<u>Session 4a</u> Saal Bellevue 1+2	<u>Session 4b</u> Saal Bellevue 3	<u>Session 4c</u> Salon Elbterrasse
	<p><b>IMPLEMENTING ADAPTATION PROGRAMS AND OPTIONS - GOOD PRACTICE</b> <i>G. Hutter, Leibniz Institute of Ecological Urban and Regional Development; DE</i></p> <p><b>9:00 - 9:40 am</b> <b>Identifying good practices in adapting to climate change</b> <i>C. Kind*, A. Vetter, S. Steyer; *adelpi research gGmbH; DE</i></p> <p><b>9:40 - 10:20 am</b> <b>Adaptation to the impact of climate change within the electricity sector in Santiago de Chile</b> <i>K.- R. Bräutigam*, V. Seltzer; *Karlsruhe Institute of Technology; DE</i></p>	<p><b>URBAN WATER SYSTEMS - CHALLENGES FOR MANAGING TECHNICAL SYSTEMS AND NATURAL RESSOURCES</b> <i>P. Krebs, Technische Universität Dresden; DE</i></p> <p><b>9:00 - 9:30 am</b> <b>Water Harvesting: Climate change adaptation measure in the arid Khartoum?</b> <i>W. H. Mahmoud*, H. Gaese, J. Heinrich; *Cologne University of Applied Sciences; DE</i></p> <p><b>9:30 - 10:00 am</b> <b>Application of a model to assess consequences in drinking water treatment due to variations in raw water quality caused by climate change</b> <i>I. Slavik, J. Farias, W. Uhl*; *Technische Universität Dresden; DE</i></p>	<p><b>URBAN AIR QUALITY AND BIOCLIMATE</b> <i>V. Goldberg, Technische Universität Dresden; DE</i></p> <p><b>9:00 - 9:30 am</b> <b>Heat stress for mobile pedestrians in Dresden: Modeling and measuring the spatial and temporal variations of exposure</b> <i>A. Ziemann*, J. Ringat, V. Goldberg, et al.; *Technische Universität Dresden; DE</i></p> <p><b>9:30 - 10:00 am</b> <b>Thermal sensitivity assessment of settlement areas</b> <i>T. Krüger*, J. Hennersdorf, F. Held; *Leibniz Institute of Ecological Urban and Regional Development; DE</i></p>

	<u>Session 4a, continued</u> Saal Bellevue 1+2	<u>Session 4b, continued</u> Saal Bellevue 3	<u>Session 4c, continued</u> Salon Elbterrasse
Parallel Sessions 4 9:00 am - 12:30 pm		<b>10:00 - 10:30 am</b> <b>Improving stormwater management in the context of Mexican middle-sized cities. Case study in Tepic, Mexico</b> <i>G. Espinosa-Gutiérrez*, C. Bardou, R. Otterpohl; *Technische Universität Hamburg-Harburg; DE</i>	<b>10:00 - 10:30 am</b> <b>Beyond urban air quality and climate – the public health potential of green and blue spaces</b> <i>T. Claßen*, B. Brei, C. Hornberg; *University of Bielefeld; DE</i>
10:30 - 11:00 am	Coffee & Tea, Bankettfoyer		
Parallel Sessions 4 9:00 am - 12:30 pm	<b>11:00 - 11:40 am</b> <b>Urban water management: From adaptation research to local implementation</b> <i>H. Stephani-Pessel*, A. Bugey, U. Steinhardt; *Eberswalde University for Sustainable Development; DE</i>  <b>11:40 - 12:30 pm</b> <b>Implementing adaptation programs and options – Good practice</b> <i>K. Barth*, K. Krellenberg; *Centre for Environmental Research; DE</i>	<b>11:00 - 11:30 am</b> <b>Risk classification for sewers causing climate-sensitive urban flooding</b> <i>S. Kempke*, M. Lindenberg, P. Krebs; *Pecker AG; DE</i>  <b>11:30 - 12:00 am</b> <b>Impacts of climate change on surface water quality by affecting the sewer overflow pattern</b> <i>J. Tränckner*, J. Seydel, P. Krebs; *Technische Universität Dresden; DE</i>  <b>12:00 - 12:30 pm</b> <b>Utilization of reported insurance claims for validation of urban flood simulations</b> <i>H. L. A. Åström*, Q. Zhous, K. Arnebjerg-Nielsen; *Technical University of Denmark; DK</i>	<b>11:00 - 11:30 am</b> <b>Weather condition – Air quality relationships</b> <i>S. Leise*, F. Zimmermann, J. Matschullat; *Technische Universität Bergakademie Freiberg; DE</i>  <b>11:30 - 12:00 am</b> <b>Climate change impact on size-segregated PM10 mass concentration and composition in Dresden (Germany) by 2100 – An estimate</b> <i>S. Scheinhardt*, S. Leise, G. Spindler, et al.; *Leibniz Institute for Tropospheric Research; DE</i>
12:30 - 1:30 pm	Lunch, Hotel Bellevue, Palaisrestaurant and Atrium		
Concluding Session	<b>CONCLUDING SESSION</b> Saal Bellevue		
1:30 - 3:00 pm	<b>Concluding remarks: Regional Adaption - from recommendations to implementation</b> <i>B. Müller, Leibniz Institute of Ecological Urban and Regional Development; DE</i>  <b>Climate Change Adaptation - An integral part of science and action for sustainable development</b> <i>R. Ardakanian, United Nations University (UNU Flores) Dresden; DE</i>		
3:00 - 3:30 pm	Informal Finish with Coffee & Tea, Bankettfoyer		

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