

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

# LIST OF POSTERS

Tuesday, 28th May 2013, Saal Bellevue

Poster  
Presenta-  
tion

1:30 -  
2:30pm

**YOUNG RESEARCHERS FORUM: "HOW TO ADAPT TO REGIONAL CLIMATE CHANGE? PERSPECTIVES FROM DIFFERENT DISCIPLINES."**

**WATER SECTOR: Data Availability – A challenge for climate impact and adaptation research**

*S. Tesch\*, V. Dunger, J. Matschullat; \*Technische Universität Bergakademie Freiberg; DE*

**WATER SECTOR: Impacts of salt water intrusion on agriculture production in the Vu Gia Thu Bon estuary, Central Vietnam**

*T. Quoc Viet\*, H. Stolpe, L. Ribbe; \*Ruhr University Bochum; DE*

**ECONOMY: Impacts of climate change on financial indicators**

*A. Bergmann\*, E. Günther; \*Technische Universität Dresden; DE*

**HEALTH: Investigation of climatic effects on cattle parasites in an incubator-experiment**

*F. Knapp- Lawitzke, G. v. Samson- Himmelstjerna, J. Demeler\*; \*Freie Universität Berlin; DE*

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**MODELLING CLIMATE CHANGE – DOWNSCALING AND UNCERTAINTY**

**Future climate projections for North Sea water levels and waves and related uncertainties**

*L. Gaslikova\*, I. Grabeman, N. Groll, R. Weis; \*Helmholtz-Zentrum Geesthacht Centre for Material and Coastal Research; DE*

**Analysis of regional climate change for adaptation of agriculture in the federal state of Durango (Mexico)**

*M. Heidenreich\*, M. Surke, K. Barfus, B. Köstner; \*Technische Universität Dresden; DE*

**Changes in frequency and duration of wet and dry periods in the REGKLAM region using ENSEMBLES data**

*S. Mehler\*, S. Hänsel, J. Matschullat; \*Saxon State Office for Environment, Agriculture and Geology; DE*

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**REGIONAL ADAPTATION STRATEGIES AND PLANNING & IMPLEMENTING ADAPTATION PROGRAMS AND OPTIONS**

**REGKLAM - Development and Testing of an Integrated Regional Climate Change Adaptation Programme for the Model Region of Dresden, Germany**

*A. Olfert; Leibniz Institute of Ecological Urban and Regional Development; DE*

**How to communicate climate change and the adaption to it?**

*I. Rühling\*, S. Aspelmeier, F. O. Beese; \*Universität Göttingen; DE*

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## INTEGRATED ASSESSMENT AND MANAGEMENT STRATEGIES IN AGRICULTURE AND FORESTRY

### Climate scenario-based radial growth projections for afforested mine sites in Eastern Germany

*C. Ertle\*, D. Knoche; \*Forschungsinstitut für Bergbaufolgelandschaften e.V.; DE*

### The state of art in climate change adaption impact assessment for Agriculture

*F. A. Huda\*, D. Kirschke; \*Humboldt University of Berlin; DE*

### Study of soil contamination by analyzing corroded lead bullets used for hunting in Cordoba, Argentina: A side effect climate change

*M. Rubio\*, A. Germanier, M.F. Mera, S. Faudone, V. Zampar, C. A. Pérez, D. Sbarato, J. M. Campos; \*CEPROCO Government of Córdoba; AR*

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## DEVELOPMENT AND MAINTENANCE OF URBAN GREEN INFRASTRUCTURE AND OPEN SPACE & URBAN AIR QUALITY AND BIOCLIMATE

### Effect modification of the association meteorological variables and mortality by urban climatic conditions in a tropical city: Kaohsiung, Taiwan

*W. B. Goggins; Chinese University of Hong Kong; HK*

### Effect of meteorology on metals and trace elements in atmospheric aerosols

*S. Leise\*, S. Scheinhardt, G. Spindler, F. Zimmermann, J. Matschullat; \*Technische Universität Bergakademie Freiberg; DE*

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## REGIONAL WATER BALANCE & URBAN WATER SYSTEMS

### Nitrogen exports from the catchment of the drinking water reservoir Lehmühle (Eastern Ore Mountains) under projected climate change conditions

*R. Benning\*, S. Julich, K.- H. Feger; \*Technische Universität Dresden; DE*

### Opposing climate change impacts on multi-reservoir systems with adopted reservoir management strategies derived by multi-objective optimization.

*R. Müller\*, F. Lennartz; \*Technische Universität Dresden; DE*

### Towards the quantification of climate change impacts on the water balance of catchments in the Ore Mountains.

*R. Müller, N. Prange\*, F. Lennartz; \*Technische Universität Dresden; DE*

### Flood and drought risk in Central Germany under climate change

*D. Schäfer, A. Marx\*, M. Zink; \*Helmholtz Centre for Environmental Research; DE*

### Modeling groundwater recharge in an urban area under changing climatic conditions

*S. Tesch\*, V. Dunger, J. Matschullat; \*Technische Universität Bergakademie Freiberg; DE*

### Effect of Ph on the activated carbon absorption of residual organic substances form waste water effluent

*B. Shoar; Stuttgart University; DE*