

“Numerical Modelling - Policy Interface (NMPI) Workshop 2007”

NMPI 2007 Workshop at the Universität Stuttgart, 12th – 13th March 2007

Venue: Rektoramt, Senatssaal, Keplerstrasse 7, 70174 Stuttgart, Germany

Monday, 12th March: Presentations and Discussions

Time	Presentation	Speaker	Organization
08:15-09:30	Registration		
09:30-09:40	Welcome address	Rektor	Universität Stuttgart
09:40-10:10	Scientific Background to NMPI 2007 Illustrations of problems NMPI Vision / Workshop Structure NMPI Vision / Workshop Structure	Giselher Kaule John Rees Desmond Manful Andrew Hughes	Chair NMPI 2007, Director, ILPÖ, Universität Stuttgart Co-Chair NMPI 2007, Head, Policy & Science Coordination, British Geological Survey NMPI 2007 Organiser, Research Associate, ILPÖ, Universität Stuttgart NMPI 2007 Co-organiser, Groundwater Modeller, British Geological Survey
10:10-10:40	Presentations by Research Directorate General (DG RTD), European Commission	Cornelia Nauen Pierre Valette	Principal Scientific Officer D.1: International dimension of the Framework programme, Directorate D - International Cooperation Head of Unit : L-2, Research in the economic, social sciences and humanities, Directorate L - Science, Economy and Society
10:40-11:00	Coffee Break		
Part I -- Chairperson: Giselher Kaule			
11:00-11:15	Difficulties and challenges of applied multidisciplinary research for global change	Charles Rodgers	Senior Scientist, GLOWA-VOLTA Project Coordinator, Centre for Development Research, University of Bonn, Germany
11:15-11:30	MIT-USGS Science Impact Collaborative	Herman Karl Beaudry Kock	Director, MIT-USGS Science Impact Collaborative (MUSIC) Assistant director, MIT-USGS Science Impact Collaborative (MUSIC) Massachusetts Institute of Technology (MIT), USA
11:30-11:45	How to interpret and sell forecasting	András Bárdossy	Director, Institute of Hydraulic Engineering, Universität Stuttgart, Germany
11:45-12:00	Can we learn from computer science to better cater to needs of water system users?	Nick van de Giesen	Director, Dept. of Water Management, Technical University of Delft, Netherlands
12:00-12:15	Pedagogies of the Science Policy Interface	Paul Kirshen	Co-Chair and Director, Water: Systems, Science, and Society (WSSS) Interdisciplinary Graduate Program, Dept of Civil Engineering, Tufts University, Medford, USA
12:15-12:45	Q&A Session		



12:45-13:45 Time	Presentation	Speaker	Organization
			Lunch Break
			Part II -- Chairperson: Silke Wieprecht
13:45-14:00	Adaptation to regional and local climate change: the potential use of model output by water sector policy makers	Charlotte van der Schaaf	Water policy advisor, Deutsche Gesellschaft für Technische Zusammenarbeit GmbH, Germany
14:00-14:15	Model-based tools to support practical water management? - Some results of EU Harmoni-CA	Ilke Borowski	Institute of Environmental Systems Research, University of Osnabrueck, Germany
14:15-14:30	Models and stakeholders: Lessons learnt from research projects in different continents (EU Rivertwin)	Thomas Gaiser	Senior Scientist, Institute for Soil Science and Land Evaluation, Hohenheim University, Germany
14:30-14:45	EU SWITCH Project: An introduction	K. Vairavamoorthy	Professor of Sustainability, UNESCO-IHE Institute for Water Education, Netherlands
14:45-15:00			Q&A Session
15:00-15:20			Coffee Break
			Part III -- Chairperson: Hans-Georg Schwarz-von Raumer I
15:20-15:35	Impact of Hydro-research on water-related policy issues in China	Gørild Heggelund Yahua Wang	Senior Research Fellow, Director of Global Programme, Fridtjof Nansen Institute, Oslo, Norway Assistant Professor, School of Public Policy & Management, Tsinghua University, Beijing, China
15:35-15:50	Application of the GIS-based EPIC Model for the Analysis of Water-Food Relations & Policy Implications in China	Yang Hong	Swiss Federal Institute for Aquatic Science and Technology, Switzerland
15: 50-16:05	A Strategic Approach to Environmental Prediction: Evolving Perspectives from Canada	Mark Cantwell	Environmental Prediction Strategy Development & Foundation Projects, Meteorological Service of Canada, Environment Canada, Canada
16:05-16:20	Providing better forecast possibilities in groundwater modelling using optimization and grid technologies	Hubert Hérenger	Distributed Systems, HLRS - Höchstleistungsrechenzentrum Stuttgart, Germany
16:20-16:30			Q&A Session
16:30-18:00	Panel Discussion / Background to day two programme including introduction to working groups, Chairperson: John Rees, British Geological Survey		
19:00-	Workshop Dinner		



Tuesday, 13th March: Discussions based on working groups / Parallel Sessions

09:30 - 15:00

Part I (Parallel Sessions, venues are indicated in the text below)

Time	Working group topic	Chairperson	Venue
09:30-15:00	Strategies for developing NMPI network - technical focus	Cornelia Nauen	Parallel Session 1 Senatssaal Side Room, Rekoramt, Stadtmitte Campus, Universität Stuttgart
09:30-15:00	Geo-hazards in the 21st century - technical focus	András Bárdossy	Parallel Session 2 Room 9.06, K1, Keplerstrasse 11, Stadtmitte Campus, Universität Stuttgart
09:30-15:00	China focus group - crosscutting focus	Goerild Heggelund	Parallel Session 3 Aquarium, ILPÖ Secretariat, K1, Keplerstrasse 11, Stadtmitte Campus, Universität Stuttgart
09:30-15:00	Implications of Numerical Modelling / Policy interface for adaptation - crosscutting focus	Mark Cantwell	Parallel Session 4 Room 9.07, K1, Keplerstrasse 11, Stadtmitte Campus, Universität Stuttgart
09:30-15:00	NMPI & Adaptation (climate change) in third countries - crosscutting focus	Paul Kirshen	Parallel Session 5 Fakultätsraum, K1, Keplerstrasse 11, Stadtmitte Campus, Universität Stuttgart

10:30-10:45

Coffee break / Morning Parallel Sessions

12:00-13:00

Lunch Break

14:00-15:00

Drafting of recommendations within working groups

15:00-18:00

Part II (Plenary Session, *Venue: Rektoramt, Senatssaal, Rekoramt, Stadtmitte Campus, Universität Stuttgart*)

15:00-15:20

Coffee break / Plenary Session

15:20-17:00

Presentation of results of the working groups, Chairperson: Helmut Kobus, Institute of Hydraulic Engineering, Univ. of Stuttgart

17:00-17:30

Discussion and final recommendations, Chairperson: John Rees, British Geological Survey

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Conclusions and closing remarks of the workshop, Giselher Kaule and Desmond Manful



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