10:00 Modelling of diffuse pollutant loads using the Moneris model: The Neckar and the Oueme river basins (C. Kiourtsidis)

10:20 Simulation of water quality in different climate zones using the QUAL2K model: The Neckar and the Oueme river basins (K. Zardava)

10:40 Break

11:10 Soils under waste water irrigation (B. Marschner)

11:30 Water quality modelling in the Chirchik basin (A. Tuchin)

11:50 Integrating green & blue water, using WEAP, the Water Evaluation and Planning tool (K. Tielboerger & V. Hoff)

12:10 Lunch

Session V: Conclusions

13:30 Lessons learnt and achievements
(Chair: K. Stahr)

GLOWA Projects:
B. Diekkrüger (IMPETUS)
K. Tielboerger (Jordan)

Twinning projects:
G. Neveu: Twinbasin XN - facilitating the mobility of river basin organisation staff
G. Benito: WADE - Assessing floodwater recharge of alluvial aquifers in dryland environments
K. Stahr: RIVERTWIN – Integrated regional modelling

15:00 Panel discussion: Transferability of methods and models for IWRM

16:00 Closing remarks

Conference venue:

Universität Hohenheim, Euroforum,
Kirchnerstr.3, 70193 Stuttgart (see map below).
Detailed travel informations are provided at http://www.uni-hohenheim.de/kompakt/lageplane.htm

Contact and registration:

Thomas Gaiser (tgaiser@runi-hohenheim.de)
Elisabeth Wittek (ewittek@uni-hohenheim.de)

Homepage: http:// www.rivertwin.org
http:// www.euwi.org

Conference fee:
No conference fee will be charged.

Registration deadline: December 1, 2006
Number of participants is restricted. Please register as soon as possible.

Organisation and institutional support

International Conference

Integrated River Basin Management in Contrasting Climate Zones

14-15 December 2006

University of Hohenheim
Germany

Research in support of the EU Water Initiative

rivertwin
Funded by the European Commission

Background

Water resources all over the world are under increasing pressure from the continuous growing demand for sufficient quantities of good quality water for all purposes. Therefore, in the year 2003 the "EU Global Water Initiative" was launched at the occasion of the World Summit for Sustainable Development at Johannesburg. In accordance with the WSSD millennium goals, the initiative proposes to apply worlwide the principles of integrated water management at the basin scale.

Objectives of the conference

The goal of the conference is to review current and forth-coming approaches that could be suitable for regional application of integrated water resources management at the river basin scale. The workshop should issue in recommendations for a successful planning and implementation of basin-wide water resources management under contrasting ecological and socio-economic conditions.

Conference Programme

December 13, 2006

Arrival and registration, Coming together in the EUROFORUM

December 14, 2006

8:00 Registration

9:00 Opening session (Chair: K. Stahr)

Rector University of Hohenheim (Prof. Dr. H.-P. Liebig)

Ministery of Environment (Dr. Joachim Bley))

Coordinator RIVERTWIN (Prof. Dr. K. Stahr)

9:45 Break

Session I: Integration approaches for water resources management (Chair: G. Kaule)

10:15 Manageing the IWRM Process in dynamic and uncertain environments (W. Cofino)

10:45 Scenarios of future land and water use (J. Alcamo)

11:10 Stakeholder involvement and water management scenarios in the RIVERTWIN project (T. Gaiser)

11:30 The model interface for integrated water management MOSDEW (A. Printz)

11:50 Scenario building for future water management in the ChAKIR basin (V. Dukhovny)

12:10 Composition of the integrated model for the CHAB Basin and selected results (A. Tuchin)

12:30 Lunch

Session II: Climate change effects on hydrology and water availability (Chair: V. Dukhovny)

13:30 Integrated approach to estimating groundwater availability in alluvial aquifers (C. Kuells)

13:50 Analysing environmental change effects on future water availability and water demand in the Ouémé catchment in Benin (S.Giertz)

14:10 Downscaling of GCM outputs (W. Yang)

14:30 Modelling climate and land use impact with distributed hydrological models (J. Götzinger)

14:50 Results of HBV-Chirchik and water distribution modeling within the integrated model for the CHAB basin (A.G.Sorokin)

15:10 An integrated large-scale groundwater model for the Neckar Catchment (J. Jagelke)

15:30 Break

Session III: Land use and water resources (Chair: G.A. Mensah)

16:00 A multi-agent based approach to support micro-catchments land/water management planning in the Volta basin(Q. Bao)

16:20 Present and future vegetation dynamics in the Ouémé catchment and its influence on the hydrological cycle (H.-P. Thamm)

16:40 Visions of future land use patterns in Benin using a spatial scenario design model (H.-G. Schwarz-von-Raumer)

17:00 Using a spatially explicit hydrological model for economic valuation of water flows in the Oueme basin (B. Sonneveld)

17:20 The agro-economic production model "ACRE" for the Neckar river basin (M. Henseler)

19.30 Conference dinner (Hohenheim Palace)

December 15, 2006

Session IV: Assessing land use and climate effects on water quality (Chair: J. Ganoulis)

9:00 Building and using water demand models based on the WEAP approach (O. Wallgren)

9:20 MesoCASiMiR - Assessment of ecological status in the Neckar river based on fish habitat modelling (M.Schneider**)**

9:40 Regional estimation of diffuse pollution with the soil and land resouces information system SLISYS (A.M. Igue)