

Registration

Name: _____
Institution: _____
Address: _____

Email: _____
Bavarian dinner (25,-€): yes no
GENESIS partner: yes no
Abstract (second day): yes no
Title: _____

For registration, please send your personal information and the abstract to the contact address.

Deadline: **30. April 2010**

Contact

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Venue



<http://www.helmholtz-muenchen.de/en/about-the-center/how-to-get-there/index.html>

Helmholtz Zentrum München
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85764 Neuherberg
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GENESIS
groundwater and dependent ecosystems

Helmholtz Zentrum münchen
German Research Center for Environmental Health



Workshop

FLOWPATH CHARACTERISATION



29.-30. June 2010
Neuherberg, Germany



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Information

The objective of this workshop is to assess the dynamics and timescales of **groundwater flow** using artificial and environmental **tracer** methodologies and numerical **modeling**.

The **first day** is **open** to all participants interested in flow-path characterizations. Contributions on the use of tracers to determine the recharge and origin of groundwater, spatial and temporal flow heterogeneities and for model calibration will be presented. The first evening will end with a **Bavarian Dinner** at the venue.

The **second day** of the workshop is **only** open for partners of the **GENESIS** project (Groundwater and Dependent Ecosystems: New Scientific and Technological Basis for Assessing Climate Change and Land-use Impacts on Groundwater). The GENESIS project is funded by the Seventh Framework Program of the European Community. The objective of GENESIS is to integrate pre-existing and new scientific knowledge into new methods, concepts and tools for the revision of the Ground Water Directive and better management of groundwater resources. More information about GENESIS is available on the website (www.thegenesisproject.eu).

Program

Tuesday, 29.06.2010

OPEN oral presentations and discussions

K. Rozanski (AGH Krakow):
Environmental tracers in precipitation (input) and for determining water balances of lakes and surface water bodies

L. Araguas-Araguas (IAEA Vienna):
Qualitative isotope hydrology - stable isotopes to estimate water origin, water flow-paths and components, and for surface-groundwater interactions
(invited)

C. Stumpp (HMGU Munich): Tracer and hydrological data to determine water fluxes and flow heterogeneity in the unsaturated zone

W. Aeschbach-Hertig (Uni Heidelberg):
Evaluation of environmental tracer data to estimate the transit time of water under saturated conditions **(invited)**

P. Maloszewski (HMGU Munich):
Artificial tracer experiments as a tool to determine flow and transport parameters in aquifers of different scales of heterogeneity

Program

W. Kinzelbach and F. Stauffer (ETH Zürich):
Calibration of numerical models of water flow and transport using environmental tracer data

Bavarian Dinner at the Helmholtz Zentrum München

Wednesday, 30.06.2010

For GENESIS project partners only!
CLOSED oral presentations and discussion from GENESIS WP representatives responsible for tracer applications linked with WP2

WP Representatives

Application of tracer methods in different case studies – available data, planned tracer experiments and required data interpretations

(oral presentations 15 minutes and 15 minutes discussion).

Abstract requested!