

ModelCARE'99: International Conference on Calibration and Reliability in Groundwater Modelling

*ETH Zurich, Switzerland, 20–23 September 1999*

ModelCARE'99 was announced with the subtitle "Coping with Uncertainty". The conference was jointly convened by the Swiss Federal Institute of Technology, Zurich (ETH), the International Commission on Groundwater of IAHS, and the Committee on Groundwater Hydraulics of the International Association for Hydraulic Engineering and Research (IAHR). The Organizing Committee comprised Fritz Stauffer (IAHR, ETH—Institut für Hydromechanik und Wasserwirtschaft, ETH Hoenggerberg, CH-8093 Zurich), Wolfgang Kinzelbach (ETH), Karel Kovar (IAHS, RIVM), and Eduard Hoehn (IAHS, EAWAG).

The conference was attended by 226 scientists and engineers from 32 countries. Invited lectures were given by Linda M. Abriola, Philippe Ackerer, Jaime Gómez-Hernández, Rainer Helmig, Mary C. Hill, Shlomo P. Neuman, Yoram Rubin and Edward A. Sudicky and highlighted current aspects of groundwater modelling. The invited lecturers were selected from the Scientific Advisory Committee, which comprised 18 well-known scientists. A total of 68 oral presentations were given on the subtopics: *Modelling concepts, Stochastic modelling, Model calibration, Multiphase modelling, Density flow, Comprehensive use of field information, Reliability of model prediction, Numerical techniques, Reactive transport, and Selected special focuses*, like surface water and groundwater interactions. Moreover, we had a total of 70 highly interesting posters presented at the daily poster sessions.

The Scientific Advisory Committee members also served as chairpersons. They contributed considerably to the success of the conference. The discussions of the presentations were extremely intensive and lively.

Pre-published proceedings were made available at the beginning of the conference and comprised 127 papers with a total of 800 pages. No distinction was made between papers for oral presentation and the poster presentations. Out of these contributions pre-selected papers were subject to a peer-reviewing process during and after the conference. Later in 2000 the high quality papers will be published by IAHS Press as a Red Book.

*Wolfgang Kinzelbach & Fritz Stauffer*