Geophysical Research Abstracts Vol. 13, EGU2011-9010, 2011 EGU General Assembly 2011 © Author(s) 2011



Water is fun! - Experiments and games as part of hydrological learning

Jan Seibert (1,2)

(1) University of Zurich, Department of Geography, Zürich, Switzerland (jan.seibert@geo.uzh.ch), (2) Uppsala University, Department of Earth Sciences, Uppsala, Sweden

Every child knows how much fun it is to play with water; unfortunately our students often spend much more time in dry lectures than having water fun. In this contribution experiments and games which support hydrological learning are presented and discussed. There are many fun experiments with water and some of those also have a great pedagogical value helping the students towards a better understanding. Experiments with 'surprising' results can be especially valuable. Games used in hydrological teaching often include decision making and a social or political component. Such games range from role games with paper cards to computer simulation games. The aim of this presentation is both to present concrete examples of valuable experiments and games, and to discuss in more general terms how experiments and games best can be used as part of hydrological learning.