



EINLADUNG ZUM VORTRAG

am **MONTAG, 23. APRIL 2007, 17 UHR c.t.**

INSTITUT FÜR GEOGRAPHIE UND REGIONALFORSCHUNG
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HÖRSAAL 5A

Professor

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SEDIMENT BUDGETS AND FLUVIAL GEOMORPHOLOGY

70 years of research in Coon Creek
Wisconsin, USA

Sediment budgets describe the input, transport, storage, and export of sediment from a geomorphic system. Because all aspects of the system are affected, sediment budgets have been considered to be an organizing framework in fluvial geomorphology. Begun in 1938, the study of Coon Creek has been termed in *Science* as “the most comprehensive study of its kind in the world.” This lecture will present an overview and the most recent findings of this study and more generally, suggest some research needs in sediment budget studies.

Stanley W. Trimble, Ph.D., is Professor in the Department of Geography at UCLA where he has been since 1975. His interests include historical geography of the environment and especially human impacts on hydrology including soil erosion, stream and valley sedimentation, and stream flow and channel changes. His regional interests are the humid U.S. and western and central Europe.

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