

Geowissenschaftliches Kolloquium

How do erosion, tectonics, mantle flow and climate combine to shape the surface of the Earth: insights from numerical modeling used to interpret a broad range of geological observations

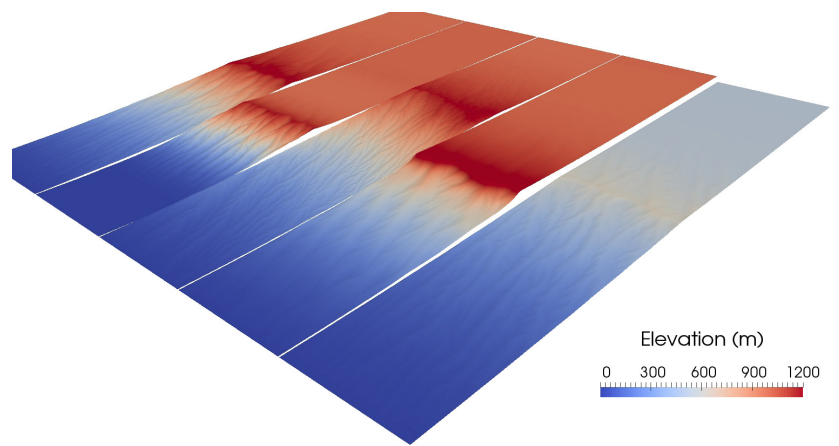
Donnerstag, 26. Oktober 2017 - 16.15 Uhr

Jean Braun
(GFZ Potsdam & Universität Potsdam)

In the past two decades, geomorphology has been revolutionized by the development of numerical models of landscape evolution.

Such models represent a variety of processes and offer new opportunities to study interactions between the solid Earth and the hydrosphere. In

this presentation I will explain some methods and show how they have been used to provide insights on landform development.



Curriculum vitae (selection):

- 2016 Head of GFZ Section "Earth Surface Process Modelling"
- 2005-2009 Professor, Université de Rennes 1, France
- 1989-1991 Post-Doctoral Fellow, Australian National University
- 1988 PhD, Department of Oceanography, Dalhousie University (Canada)

Layout: FUB Geopal/Vanessa Skiba, 20171024

Institut für Geologische Wissenschaften
Großer Hörsaal (C.011), Haus C
Malteserstrasse 74-100
12249 Berlin

