Major fields of research:
1) Hydroclimatological processes by dynamical systems.
2) Rainfall space-time variability and modeling.
3) Soil water and solute transport in heterogeneous soils.
4) Urban drainage and related pollutant transport.

Publication list
International reviewed journals:
Published:
2008

2007


2006


2005


2004


2003


2002


2001


2000


1990-1999


Submitted for publication:


120. Calizaya, A., L. Bengtsson, R. Berndtsson, and P. Hjorth, (2008), An Integrated Watershed Sustainability Index, application to the Lake Poopo Basin, Bolivia, Manuscript. Multi-Criteria


125. Hamed, Y., and R. Berndtsson, (2007), Soil structure and salinity effects of fish farming as compared to traditional farming in northeastern Egypt, (subm.).


**Published abstracts:**


**Other internationally reviewed publications and book chapters:**

151. Bellie, S., ed. (2008), Book on *Advances in Data-Based Approaches for Hydrologic Modeling and Forecasting*, World Scientific (manuscript).


**Proceedings and conferences:**


