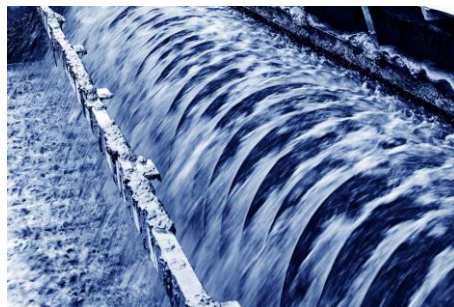




UNIVERSITÀ DI PAVIA

Dipartimento di  
Scienze della Terra  
e dell'Ambiente



In cooperazione con  
Ordine dei Geologi della  
Lombardia

**I SEMINARI DELLA  
LAUREA MAGISTRALE  
IN  
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# **WORKFLOWS for MODELLING the HYDROLOGY of the SHALLOW SUBSURFACE**

## **Methods, Research, and Applications**

**Conferenza di: Daniel Feinstein  
(USGS e University of Wisconsin-Milwaukee)**

**Martedì, 17 ottobre 2023, ore 16:00-18:00**

**AULA B7**

**Dip. Scienze della Terra e dell'Ambiente  
Via Ferrata 1**

*Studies of shallow groundwater flow and transport encounter particular challenges and rewards. This talk reviews recently developed methods, mostly from researchers in the U.S. Geological Survey, that bear on quantifying key aspects of shallow flow and transport, including treatment of unconfined and transient conditions, groundwater/surface-water interactions, the unsaturated zone in connection with recharge and contamination, and propagation of heat through the shallow subsurface in response to climate change. The focus of the talk is the development of workflows around shallow groundwater that are useful for management applications and for decision support.*

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Iscrizioni per I GEOLOGI: inviando un'email alla Segreteria OGL ([Segreteria@geolomb.it](mailto:Segreteria@geolomb.it)) entro il 16/10/2023