



EU Horizon 2020 ENeRAG project  
Excellency Network Building for Comprehensive  
Research and Assessment of Geofluids

Online course “Improving skills in  
conservative and reactive transport modelling”

20 - 30 September 2021

Organized by



UNIVERSITÀ  
DEGLI STUDI  
DI MILANO

Key topics:

- ✦ Introduction to mathematical models for flow and transport in geological media.
- ✦ Stochastic transport modelling and risk assessment
- ✦ Use of multi-domain upscaling modelling tools.
- ✦ Applied reactive transport modelling using multicomponent geochemical systems.

Instructors

**Samrit Luoma**

Geologian tutkimuskeskus (GTK)  
Finland

**Muhammad Muniruzzaman**

Geologian tutkimuskeskus (GTK)  
Finland

**Daniele Pedretti**

Università degli Studi di Milano (UNIMI)  
Italy

*Invited lecturers:*

**Daniel Fernández-García**

Universitat Politècnica de Catalunya –  
BarcelonaTech (UPC), Spain

**Chuanhe Lu**

University of Manchester, UK

**Henning Prommer**

Commonwealth Scientific and Industrial Research  
Organisation (CSIRO), Australia

For more information, please contact us ([daniele.pedretti@unimi.it](mailto:daniele.pedretti@unimi.it); [md.muniruzzaman@gtk.fi](mailto:md.muniruzzaman@gtk.fi))

**[Click here to register](#)**

Free of charge

Registration closes on **10 September 2021**.

A certificate of attendance will be issued after the completion of the school.



This course is organized as a winter school in the frame of the ENeRAG project a European Union's Horizon 2020 research and innovation project (grant agreement No 810980).

