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ATHENA
EUROPEAN UNIVERSITY



BIP Digital Environmental Geosciences

Physical mobility : 13 - 17 January 2025

Virtual mobility : 24 March to 4 April 2025

Contact : bip.wemp@univ-orleans.fr





W Water resources **E** Energy resources **M** Mineral resources **P** Pollution mitigation

>>> CONTENT

The University of Orléans is pleased to invite you to our Blended Intensive Programme on **Digital Environmental Geosciences**.

Simulation work in the field of environmental geosciences has become essential, both in research and in the industry world.

Thus, the kick-off meeting in Orléans intends to introduce the basic principles of four simulation techniques widely used in environmental geosciences: **Geographic Information Systems (GIS), Digital Rock Physics and Microfluidics (DRP & MF), Computational Fluid Dynamics (CFD), and Reactive Transport Modeling (RTM)**.

Applications of these techniques in real-world systems will be presented during morning seminars by international experts from academia and industry. Students will choose a combination of two of these techniques for follow-up hands-on afternoon sessions, which will be complemented with group projects mentored online by recognized local experts.

To learn more about the programme please refer to this page.

TECHNICAL INFORMATION



DETAILS

WHO <<<

Master and PhD students from Erasmus+ Higher Education Institutions studying IT, geology, engineering, fluid mechanics, geography or physics.

>>> LOCATIONS

Most activities will be based at Hotel Dupanloup (city centre of Orléans) which hosts Le STUDIUM - Loire Valley Institute for Advanced Studies

BUT NOT ONLY <<<

Intercultural activities will be held in the city of Orléans and in our beautiful region. You will be able to enjoy the history of our beautiful city and learn through fun treasure hunt activities.

APPLY HERE !



WATCH THE VIDEO FROM LAST YEAR'S EDITION.

Before 3rd November 2024