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BIP WEMP

University of Orléans



On-site training: January 9-13, 2023, Orléans, France
On-line training: early Spring 2023



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W Water resources E Energy resources M Mining resources P Pollution mitigation

*The University of Orléans is
pleased to invite you to our brand
new Blended Intensive Program
"WEMP" in the field of **Digital
Environmental Geosciences**.*

Our BIP is part of the new Erasmus+ 21/27
program. A one-week on-site training in
Orléans will be followed by on-line
collaborative group project activities.
Participants will obtain 3 ECTS after
completion of the program.



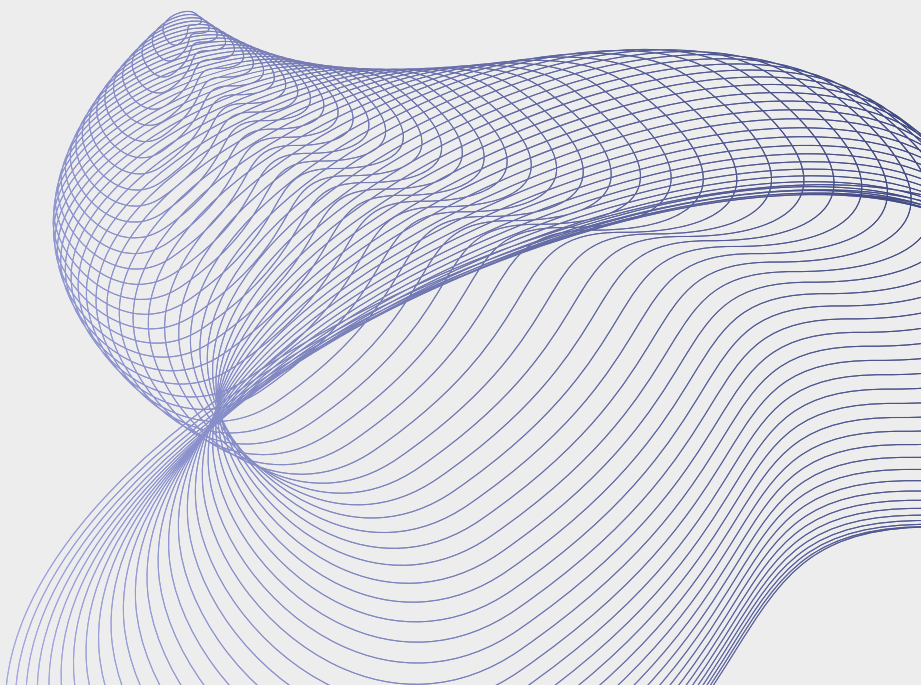
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The kick-off meeting in Orléans intends to introduce the basic principles of four simulation techniques widely used in environmental geosciences: **Geographic Information Systems (GIS)**, **Digital Rock Physics and Microfluidics (DRP & MF)**, **Computational 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 during afternoon sessions, which will be complemented with group projects mentored on-line by recognized local experts.

*For further information and the
programmation, you can refer to
the Detailed Program document*





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Details

- **Who*:** Master and Ph.D. students from Erasmus+ Higher Education Institution. There is no limit of participants per institution, but the total number of participants is set to 30.
- **Locations:** Most activities will be based on the university campus (OSUC faculty) and others will be at different facilities (Hôtel Dupanloup, city center) and on field.
- **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 discovery of the Valley of the Loire, culinaries experiences and other gala activities.
- **Requirements:** Higher Education Institutions must send their participants using KA131 funds and must ask for a an Erasmus+ Inter-Institutional Agreement with the University of Orléans.

**If you are interested in taking part as a speaker in morning sessions or as a mentor for hands-on sessions and group projects, please contact us at bip.wemp@univ-orleans.fr*



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Contact Us

If you are interested in sending us participants (students and/or academic staff) or would like more information, you can contact the ATHENA WEMP Team Project:



bip.wemp@univ-orleans.fr



[Website](#)

