



ERASMUS+
HELLENIC REPUBLIC
National and Kapodistrian
University of Athens
EST. 1837



3-D HAZARDS SPRING SCHOOL UNIVERSITY of CLERMONT AUVERGNE



FUNDING AVAILABLE (contribution to flights, hotel and food*)

22 -28 APRIL 2020

Five positions for post-graduate students (MSc, MRes and PhD) are available, funded by the Erasmus+ project 3DTeLC.

University of Clermont Auvergne is coordinating a cross-disciplinary spring school for the Erasmus+ project: *3DTeLC: Bringing the 3D World to the Classroom: a New Approach to Teaching, Learning and Communicating the Science of Geohazards in the Terrestrial and Marine environments* (<http://3dtecl.lmv.uca.fr/>). The five day spring school on virtual reality in geo-hazards, will be held at the University of Clermont Auvergne, between 22 - 28 April 2020.



The SCHOOL

The five day geo-hazard school, will be held at the University of Clermont Auvergne, between 22 and 28 April 2020. 3DTeLC will fund 20 students from across Europe including 5 students from each participating country, France, UK, Greece and Italy to attend. Therefore, **there are five positions available for students from University of Athens, Milan-Bicocca, Portsmouth and Clermont Auvergne.**

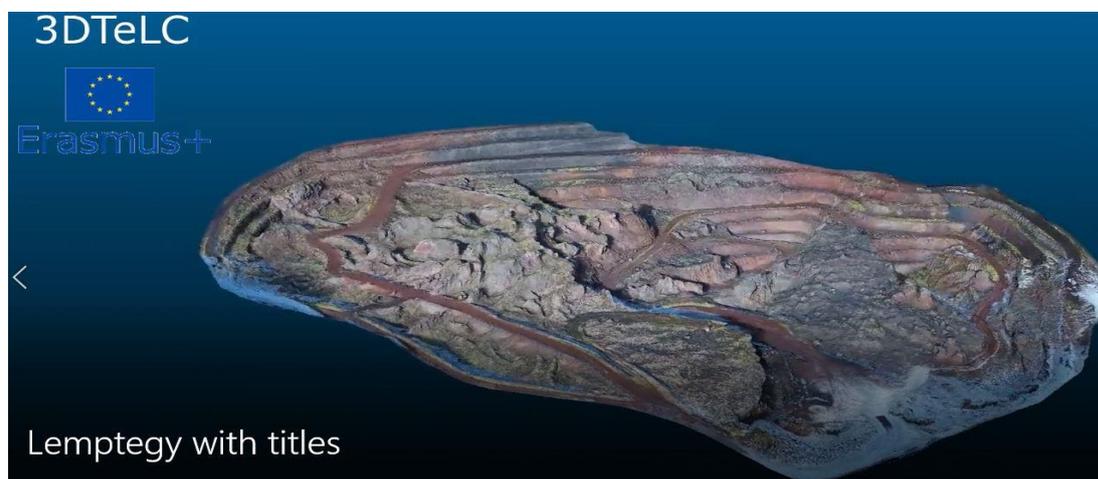
The spring school will be composed of short seminars, delivered by leading experts from universities involved in the project. The work will cover advances in the project's 2 years experience creative 3D visualisation and emerging creative technologies in understanding and managing geohazard processes (volcanic, earthquake, active tectonics, landslides, coastal erosion hazards). Field visits will be made to the Lemptégy volcano site, the crater of the

Chaumont volcano, and a winery where 3-d vineyard reconstruction is assisting in the resilience work against natural hazards and climate change.

Data from drones, remote sensing and underwater submersible platforms underwater vehicles for the assessment of onshore and offshore natural hazards will be considered, looking at the entire processing pipeline from acquisition to the end-user data products, such as virtual reality/gaming applications and in the context of various case studies.

Specifically, the scope of the training will include training in the virtual recognition, analysis and mapping of landforms and deposits associated with geo-hazard processes and calculation of hazards and risks.

Funding is to cover return economy flights, transport and accommodation while in Clermont for the school.*



HOW TO APPLY

The call is open to participants from all domains of geosciences, physical geography and creative technology. Five positions will be available for students enrolled on postgraduate courses (MSc, MRes and PhD). Students that are selected will be awarded funding to attend the summer school.

The selection of students will be carried out, by the home university and the Erasmus+ project management committee on the basis of the applicant's written, personal statement (no more than two A4 pages long). The personal statement should present a clear and focused motivation for participating in the summer school, by identifying the relevant scientific/technical skills and expertise, the expected challenges and benefits and demonstrating a clear link between studies and the student's participation to the school).

All students selected to take part in this programmes will be chosen on the basis of merit and their potential to benefit from the experience; the University selects students without regard to sex, race, ethnic origin, religion, sexual orientation or social background; applications from students with disabilities are viewed on exactly the same academic grounds as those of other candidates.

To apply please send a copy of your personal statement and CV by 15 February 2020 to your university representative listed below:

University of Portsmouth: Dr Malcolm Whitworth (Malcolm.whitworth@port.ac.uk)

University of Milan Bicocca: Prof. Alessandro Tibaldi (alessandro.tibaldi@unimib.it)

Université Clermont Auvergne: Prof. Benjamin van Wyk de Vries (ben.vanwyk@uca.fr).

National and Kapodistrian University of Athens: Assist. Prof. Dr. Paraskevi Nomikou (evinom@geol.uoa.gr)

TERMS AND CONDITIONS

*Funding is subject to a maximum limit for travel (dependant and each university - no funding is available for home students), accommodation (university rooms will be available at low cost) and subsistence expenditure (dependant and each university) and all claims *must be* supported by full receipts.