

28-30 January 2019: Spatial Data Analysis

Lecturer: Dr. Geraldine Quénéhervé (University of Tübingen, Institute of Geography)

Content: JupyterLab is an interactive development environment that allows you to create and share documents that contain live code, equations, visualizations and narrative text. Uses include data cleaning and transformation, numerical simulation, statistical modeling, data visualization, machine learning, and much more. You can run Python (ArcPy) and R codes (and many more) to manage your geology, environmental and spatial data.

- Basics of data analysis and R statistics
- Introduction to Jupyter Lab
- Setup and run of a sample dataset

If you have your own spatial dataset, bring it and your idea on the first day of the course. There will be time to discuss your projects.

No previous programming knowledge is required!!

Date: Monday till Wednesday 28.-30.01.2019 (9:00-12:30)

Venue: Computer Pool Piano E – Dipartimento di Scienze della Terra e dell’Ambiente – via Ferrata 1 – Pavia

Language: English

The course is addressing PhD-students or MSc-students in Geology or Natural Sciences.

Max. Number of participants 12

For registration and further questions please contact:

Michael Maerker email: michael.maerker@unipv.it