

PhD programme course on Inverse problems in surface and subsurface hydrology

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The solution of inverse problems conditioned on observed data is widely used in environmental modeling to identify unknown parameters. Even though manual model calibration is the traditional approach, automated parameter estimation is certainly more powerful.

The course will cover an introduction to the theoretical aspects of inverse modeling and the use of the PEST and bgaPEST packages for automated model calibration.

Course details are available at its Syllabus.

The course will be held at the Department of Engineering and Architecture of the University of Parma.

Students interested in attending the course can contact the lecturer at marco.doria@unipr.it

