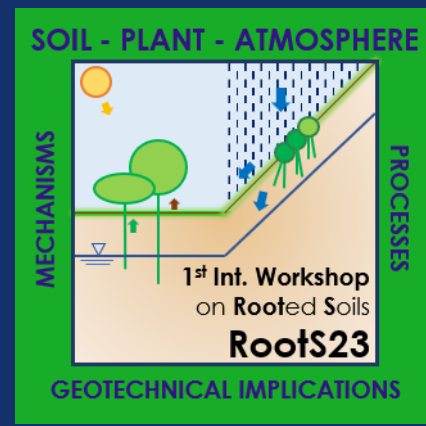


1st International Workshop on Rooted Soils_RootS23

SOIL-PLANT-ATMOSPHERE INTERACTION: MECHANISMS, PROCESSES AND GEOTECHNICAL ENGINEERING IMPLICATIONS

The topic of the Workshop is broad and multidisciplinary, spanning several scientific fields, each contributing to the investigation and modeling of specific aspects of the soil and plant behavior under variable climatic conditions.



Thursday 20th – Friday 21st April 2023

PERUGIA, Italy

**Department of Engineering,
University of Perugia**

Scientific Committee

Manuela Cecconi_University of Perugia

Federica Cotecchia_Politecnico of Bari

Vincenzo Pane_University of Perugia

Vito Tagarelli_Politecnico of Bari

20 invited lectures_ **2** open discussion from the floor_ in **3** half days

The presentations will address the following topics:

Plant's physical and hydrological properties

Root architecture and properties

Experimental evidences of the effects of vegetation on soil hydrological and mechanical conditions

THM numerical analysis of the soil-vegetation-atmosphere interaction

Ground bio-engineering techniques for shallow slope stability

Case studies and/or physical modelling

Download the preliminary programme



To confirm your participation, please write to:

manuela.cecconi@unipg.it

vito.tagarelli@poliba.it



travelling to Perugia and Hotels:

