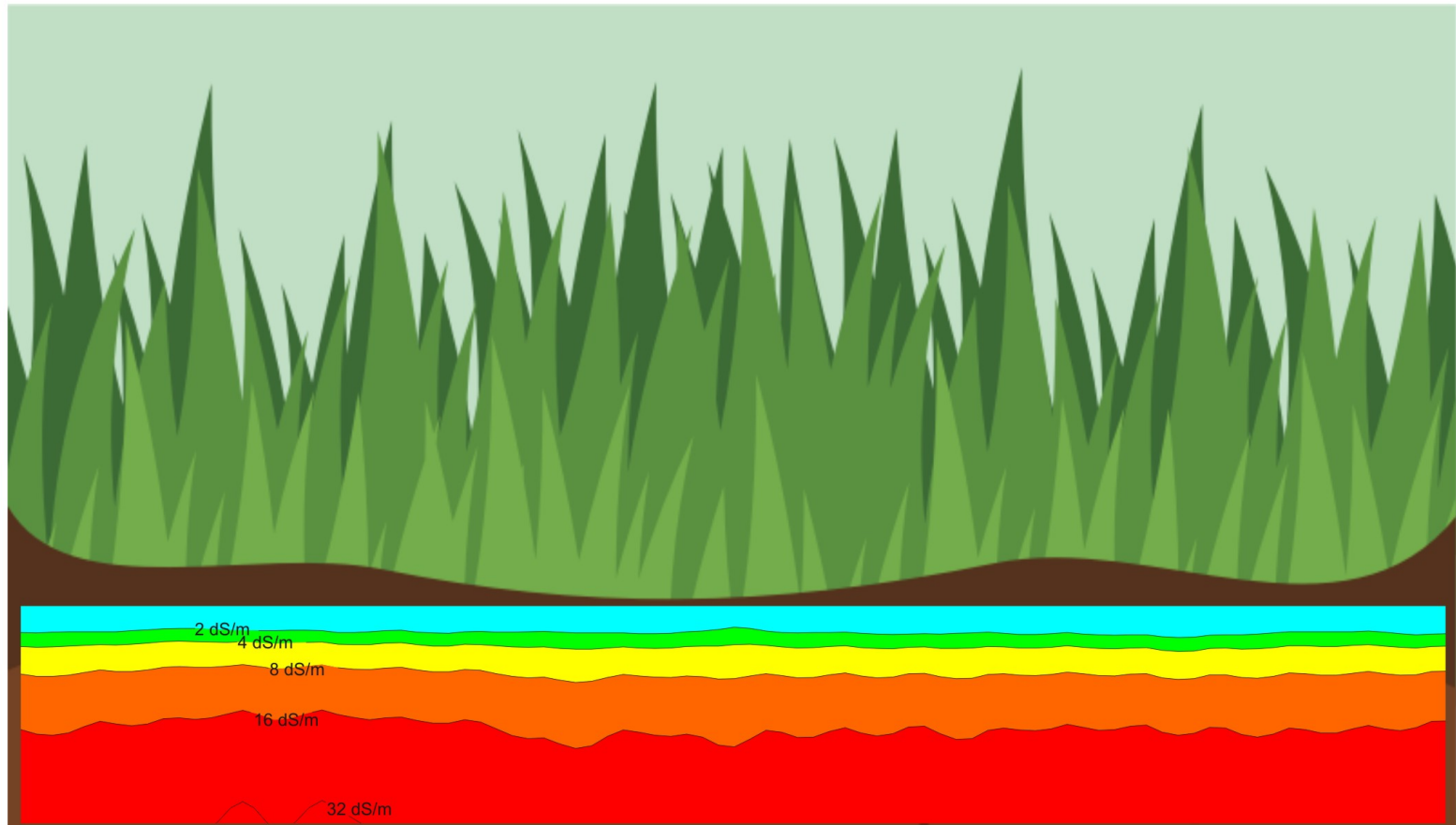


WORKSHOP



18th of March

Faculdade de Ciências da Universidade de Lisboa

Geophysics and technology innovations for sustainable soil and water management

PROGRAM

09:30 Welcome by Prof. Fernando Santos (IDL, Portugal)

09:40 SALTFREE - Overall aims and objectives of the project and of the workshop, by Prof. Fernando Santos and Dr. Mohammad Farzamian (IDL)

10:20 Hydrogeophysics: Transforming our ability to observe hydrological processes over multiple scales, by Prof. Andrew Binley (Lancaster University, UK)

11:10 Soil surface electrical conductivity estimated by TDR and EMI sensors: Accounting for the different sensor observation volumes, by Prof. Antonio Coppola (UNIBAS, Italy)

11:40 Coffee break

12:00 Electromagnetic Induction soil sensing for agro-environmental applications under Mediterranean conditions, by Dr. Karl Vanderlinden (IFAPA, Spain)

12:30 Optimizing water use in agriculture to preserve soil and water resources, by Dr. Tiago Ramos (IST, Portugal)

13:00 Lunch

15:00 Improved application of Electromagnetic Induction in soil characterization: Data processing and inversion challenges, by Prof. Fernando Santos (IDL)

15:40-17:00 Discussion: How can geophysics and other techniques help to solve the future challenges of soil and water management?

Promoted by:



Project coordinator:



INSTITUTO
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Project partners:



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