SoilCare project BSc / MSc / PhD Research Information

Research level

BSc

Research Title

Predicting soil erosion partners with means of satellite remote sensing, GIS, climate change data and in situ measurements.

Abstract

The research is focused on estimating soil erosion in 4 watersheds in the broader area of Chania, Crete, Greece. Climate change data as well as remote sensing data will be employed to predict soil erosion.

Objectives of the research

The main objectives of the research are the following:

- Incorporate data from climate change models in soil erosion modelling
- Incorporate data from satellite remote sensing and UAV drone in soil erosion modelling
- Predict changes in soil erosion partners in the near future

SOILCARE study site

Chania, Crete, Greece

Contact Details

Name:	Efi, Tampakopoulou, Undergraduate student.
Institute:	Technical University of Crete, School of Environmental Engineering, Water Resources Management and Coastal Engineering Laboratory
Address:	University Campus, Akrotiri 73100, Chania, Greece
Contact:	tsanis@hydromech.gr +30 2821037799 (Mon & Fri)