



UNICA

DICAAR, University of Cagliari, Italy

PI: *Nicola Montaldo*

Giulio Vignoli, Roberto Corona, Alessandro Seoni, Antonio Mascia, Luigi Noli, Serena Sirigu, Andrea Gaspa, Davide Serra



Department of civil,
environmental and architecture
engineering

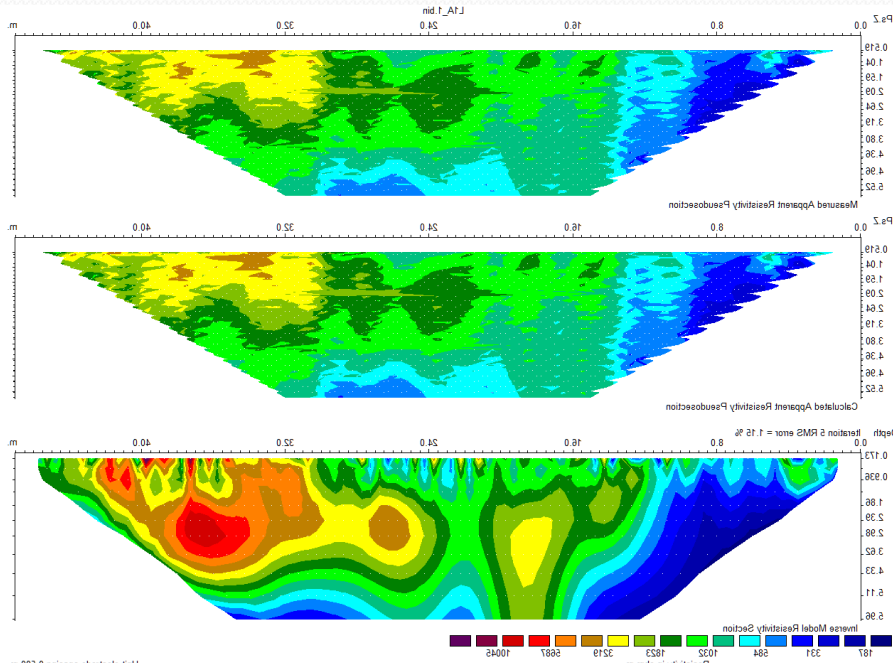
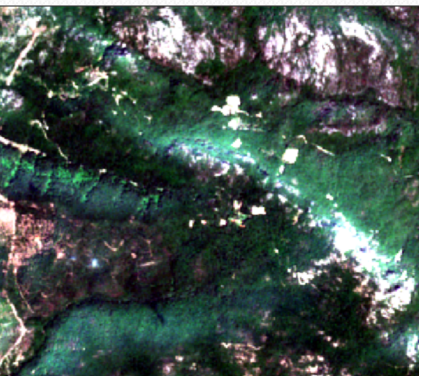
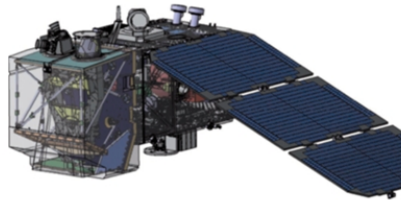
University of Cagliari founded in
1620



UNICA
University of Cagliari, Italy
PI: *Nicola Montaldo*

Skills mobilized for ALTOS project

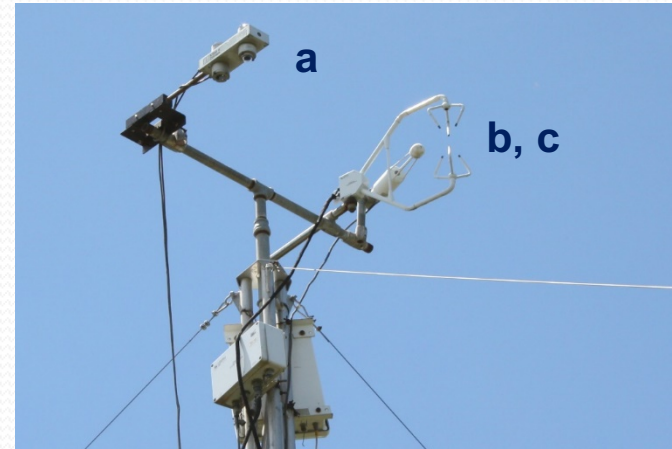
- monitoring using eddy covariance based micrometeorological tower at the Orroli site (from 2003)
- methodological knowledge for evapotranspiration, energy balance, carbon assimilation
- Methodological knowledge in remote sensing, surface hydrology, sub-surface hydrology, geophysics, bioclimatology



Orroli site

Micro-metereological tower's instruments

- a) CNR1 Radiometer;
- b) Li-7500 Gas Analyzer;
- c) CSAT3 Sonic Anemometer;
- d) Soil heat flux plate;
- e) CS615 and CS616 Soil Moisture Probe;
- f) Rain gauge;
- g) Infrered Trasducer;
- h) MPS -2 Water potential (2018);



Skills mobilized for ALTOS project

- ecohydrological modelling for land surface and vegetation dynamic interactions
- spatially distributed hydrologic modeling

