Rosa Lasaponara

Research Director at the National Council Research of Italy HI 40 (scopus), 49 (google scholar)

https://scholar.google.it/citations?user=h-s87zUAAAAJ&hl=it

Co-director of the ERATOSTHENES ECoE at CUT- Cyprous Technical University

Adjunct professor of Microwave at the University of Basilicata since 2010 and member of the scientific committee of– the PhD "Cities Landscapes: Architecture, Archaeology, Cultural Heritage, History.

Visiting professor at HIST/CAS- Beijing, INPE (Brazil), CONAE (Argentina),

She has more than 30 years of experience in the field of EO from satellite/airborne/ground based -big data modelling, processing, integration, and interpretation – for natural/anthropogenic risk estimation and mitigation, landscape analysis, palaeo-environmental investigations and archaeological studies.

PI and/or CoPI of more than 78 national and international research projects, funded by the EU, ESA, MAECI, ASI, CNR, DPC,

Chief of International scientific/archaeological missions in Peru, Bolivia, Argentina, Brazil, Egypt, Tunisia, China, Italy.

<u>**Research**</u> Interests: change detection, land degradation, landscape analysis, urban sprawl, natural/anthropogenic risk estimation based on Earth Observation (EO) from satellite, aerial and ground along with in situ analyses conducted in 4 continents Europe, Africa, Asia and South America. Research Director of International **joint laboratories** established **in Asia (CNR-CAS-HIST), South America (CNR-CONAE-Argentine Space Agency) and Egypt (NARSS Egyptian Space Agency).** Optical data and radar data processing, integration and interpretation. historical data with particular reference to satellite data for the investigation of significant geophysical parameters and extraction useful information for natural/anthropogenic risk estimation and mitigation, with particular attention to sites with high cultural, natural and environmental value.