



PROF. Rosa Lasaponara

Organisational / managerial
skills

Long experience in:

- organisation of scientific events, acquired as Chair (EGU, SPIE, EARSeL, ICCSA) or co-Chair of international Conferences and workshops;
- project management, acquired as PI or coordinator of research projects;
- She set up and currently chairs the special interest group " Remote Sensing for natural and cultural heritage" of the European Association of Remote Sensing Laboratories (EARSeL) in cooperation with and supported by UNESCO
- international programs, acquired as member or chair of international working groups.
- Permanent Member of the PhD committee (2006-present) of "Ingegneria dell'Ambiente" at the DIFA University of Basilicata.
- Editorial activities : (i) Editor of NHESS Natural Hazards and Earth System Sciences, (ii) member Editorial Board of (i) Sensors; (ii) Remote Sensing, (iii) Photointerpretation (iii) guest Editor for international peer reviewed journals, such as : Ecological Modeling, International Journal Of Remote Sensing, Journal of Applied Earth Observation and Geoinformation, Photointerpretation
- Managerial skills :She set up and chaired (2007-2011) the Meogeo spin off of the CNR

CURRICULUM SCIENTIFICO:



Job-related skills

Active in the research field of remote sensing of the (i) cultural heritage and landscape (ii) risk estimation, modelling and monitoring by passive and active sensors since 1993.

- Integration of active and passive techniques for biosphere monitoring (2003-present).
- Development and assessment of Integrated model for forest fire monitoring (1994-present).
- Development and application of algorithms for time series data analysis for change detection and operational monitoring of land degradation (1999 – present).
- Development and application of algorithms for data fusion, edge detection, and pattern recognition for investigating the dynamics of anthropogenic environmental changes (1998 – present).
- Reconstruction of paleoenvironmental scenarios aimed at understanding the mutual relationships between the dynamics of environmental change and evolutionary processes of human presence; (2003 – present).

Coordinator of International and national projects (some of the current activities are listed below):

- Smart management of cultural heritage sites in Italy and China: Earth Observation and pilot projects funded by the Ministero degli Affari Esteri --MAE PGR00570 2012-2015
- Earth Observation Technologies for the survey, investigation and valorisation of Ancient Aqueduct systems in Peru International funded in the framework of the Cooperation CNR-CONCYTEC 2012-2014 n. 0031559
- FIRE-SAT an integrated model to real time monitoring of forest FIRE Funded Protezione Civile in the framework of operational monitoring of risk using Earth Observation Technologies by 2012- 2013

Partner of EU projects (some of the current activities are listed below):

- EU funded "*ArchaeoLandscapes Europe*" (*ArcLand*)
<http://www.archaeolandscapes.eu/index.php/en/about/aims.html>
- FP7 Beyond Building Capacity for a Centre of Excellence for EO-based monitoring of Natural Disaster FP7-REGPOT-2012-2013-1

External consultant for

projects funded by the Italian Space Agency, such the current

- (i) World Heritage monitoring by Remote Sensing (WHERE)
- (ii) Soil Slow MoTion Monitoring by interferometry (SoS-MT-Monitoring)

Reviewer of EU project proposals

Reviewer for BeLspo (Belgian Science Policy Office) funded projects

Member of steering committee of national and international projects

ORARIO E SEDE DI RICEVIMENTO:

venerdì dalle 9:00 –alle 11.00

sede: stessa aula utilizzata per le lezioni



Università degli Studi della Basilicata
Scuola di Ingegneria

INDIRIZZO E-MAIL: rosa.lasaponara@imaa.cnr.it

SITO WEB:

RECAPITO TELEFONICO: 328 6271131



Scuola di Ingegneria - Via dell'ateneo Lucano, 10 - 85100 Potenza

www.ing.unibas.it - e-mail: scuolaingegneria.segreteria@unibas.it - tel 0971.205032/33 - fax (+39)0971 22115