



Università degli Studi della Basilicata
Scuola di Ingegneria

PROF. Aurelia Sole

SCIENTIFIC CURRICULUM VITAE:

Rector of Basilicata University. 2016-2018 President of Matera-Basilicata 2019 Foundation, for the implementation of the Dossier Matera European Capital of Culture 2019.

Full Professor in the field of Computational Hydraulic,

Environmental Models and GIS, Management of Hydraulic and Hydrologic risk.

Teaching staff coordinator of PhD in Methods and Technologies for Environmental Monitoring, from 2007 to 2012

Director of Department of Engineering and Environmental Physics - University of Basilicata;

Researcher in the field of Water Management, flood risk analysis and evaluation by hydrodynamic models and Geographic Information Systems; coordinator of national and international research projects; Member of scientific committee of Flood Recovery Innovation and Response (FRIAR) Conferences, Wessex Institute of Technology.

Author of more than of 100 scientific and technical papers in the fields of: hydraulic engineering, with particular attention to: hydrologic problems; applications and proposal of new models to analyse flood risk in urban and natural environment; dam break; river dynamics and morphology, distributed models supported by GIS; vulnerability evaluation of flood and landslide prone areas.

PROFESSOR'S OFFICE HOUR:

Via N. Sauro 85 Rettorato Martedì 11.00-13.00, Mercoledì 15.30-15.30

Aula E1 Ingegneria (in periods of lessons)

Martedì 17.00-18.00 mercoledì 12.30 - 13.30 Giovedì 10.30 – 11.30

E-MAIL: aurelia.sole@unibas.it

WEBSITE: <http://docenti.unibas.it/site/home/docente.html?m=000440>

TELEPHONE: 0971-202477

