



PROF. Valerio Tramutoli

SCIENTIFIC CURRICULUM VITAE:

Born 28/12/57, Degree in Physics at the Rome "La Sapienza" University. He is Associate Professor at the School of Engineering of University of Basilicata where (since 1997) he holds courses on Satellite Remote Sensing and General Physics. Since 1991 he has been visiting scientist in the main international centres involved in the Earth's observation by satellite taking part in several international projects and initiatives of the main space agencies like ESA, NASA, NASDA and ASI. He has been the national coordinator of the SEISMASS Project (funded by ASI) PI, or responsible of DIFA participation, to several international projects funded by NATO and by EC in the framework of the Science for Peace, FP6-IST, FP6-INTAS, FP6+FP7 GMES initiatives. Since 2010 he is the coordinator of the European project PRE-EARTHQUAKES funded by EC in the framework of the FP7-GMES-Space Program. His research activity has been focused on the development of new satellite sensors and techniques for natural, environmental and technological hazards forecast, monitoring and mitigation. In this context he proposed the original RAT (now RST) change detection approach successfully used in a large spectrum of applications. He has been among the few scientists invited to participate, since 2001, to the IGOS-Geohazard Core Team instructed (by the most important space agencies, CEOS, FAO, UNESCO, ICSU, etc.) to define the new observational strategies for geo-hazards mitigation for the following decade. He acts as referee for the most important journals in the field and as project evaluator for several funding agencies at European and extra-European level. He is author or co-author of more than 180 papers published on international journals, scientific books and international conference proceedings. He has been chair, co-chair, organizer or invited speaker in the most important international conference (EGU, AGU, IUGG, AOGS). Since 2007 he is permanent member of IUGG-Inter Association Working Group on Electromagnetic Studies of Earthquakes and Volcanoes (EMSEV), since 2013 he is chairing the NEREUS Copernicus/EO WG, since 2014 member of the International Scientific Commission of CSES, the first Chinese (in collaboration with ASI) satellite for the study of ionospheric precursors of earthquakes.

PROFESSOR'S OFFICE HOUR: Every day from Monday to Saturday from 9:00 to 18:00 by telephone call to 3293178385 or e-mail to valerio.tramutoli@unibas.it, office number 40, 5th floor School of Engineering building.

E-MAIL: valerio.tramutoli@unibas.it

WEBSITE: <https://sites.google.com/site/valeriotramutoli/> (in construction)

TELEPHONE: 0971-205205 (office), 3293178385 (cell)
