

BRIEF CV OF DIEGO AROSIO

Diego Arosio (30/09/1980) received a M.Sc. in Telecommunication Engineering from Politecnico di Milano (2005) and a Ph.D. from Università di Pisa (2010) with a thesis on a microseismic approach to locate survivors in the wreckage of a disaster. In 2005 he carried out research activities at the Federal Institute for Material Research and Testing (Berlin, Germany) and in 2007 he was visiting PhD student at GroundProbe (spin-off company of the University of Queensland, Australia). From 2006 to 2016 he collaborated with Politecnico di Milano, where he has been grant researcher, invited speaker and lecturer in the field of Applied Geophysics. In 2017 he was lecturer at the Sahid Bahonar University of Kerman (Iran), where he held lectures about analysis of surface waves and microseismic monitoring. From 2016 to 2019 he was tenure-track assistant professor at Università degli Studi di Modena e Reggio Emilia, where, from 2019, he is associate professor of Applied Geophysics. His main research interests concern seismic interferometry to study groundwater variations, passive seismic investigations applied to unstable slopes, lab testing of novel sensors for passive seismic applications, geophysical monitoring of earth dams and levees, geoelectrical monitoring of landfills to detect leachate leakage, geoelectrical investigations to study water reservoirs, monitoring of rainfall-induced landslides with optical fibre systems and electrical resistivity tomography (ERT), location of leakage in water pipe networks with passive seismics, Ground Penetrating Radar (GPR) investigations of structures and archaeological sites, analysis of unstable slopes with seismics, GPR and ERT, seismic and electromagnetic investigations to study dismissed mining sites, passive seismics and GPR to located people trapped under rubble, monitoring of unstable slopes with remote sensing techniques and the study of snow electromagnetic properties for avalanche forecasting. He is author or co-author of about 100 publications on journals and conference proceedings at the national and international level. He is a member of the European Association of Geoscientists and Engineers (EAGE) and an active member of the Society of Exploration Geophysicists (SEG). He has been session chair for the International Conference on Ground Penetrating Radar (2012, China) and at the European Meeting of Environmental and Engineering Geophysics (2019, The Netherlands).