

PROFILE OF DR. EDOARDO A.C. COSTANTINI

- **Formation and research stages:** Doctoral degree in Agricultural Sciences in 1979, from the Institute of Geopedology and Applied Geology of Florence. Thesis acknowledged with honours and publishing dignity. Stages by the Physical Geography Faculty of the University of Zaragoza (Spain) in 1997; the National Resources Conservation Service of the USA, in 1999; Geology and Geoenvironment Department of the University of Athens, in 2010-2011.
- **Career:** Researcher by the Experimental Institute of Agronomy of Modena, 1981 – 1985; researcher by the Experimental Institute for Soil Study and Conservation of Florence, 1985 – 1999; contracted professor of Pedology and Geopedology by the Department of Earth Sciences of the University of Siena, 1999 – 2008; first researcher by the CRA-ABP Research Centre on Agrobiological and Pedology of Florence, 1999-2008. Since 2008, research director by the CRA-ABP and leader of the Italian National Centre for Soil Mapping (www.soilmaps.it).
- **Career related activities:** Secretary of the European Society for Soil Conservation, past president of the “Paleopedology” commission of the International Union of Soil Sciences, past president of the Italian Association of Pedologists, current president of the Commission “Pedology” of the Italian Soil Science Society, national expert of the soil theme for the Italian Ministry of Agriculture, national expert in the EU soil WG for the INSPIRE directive.
- **Referee and editorial:** Member of the Editorial Board of “Quaternary International, referee of 20 international journals, evaluator of projects for national science foundations of Switzerland, Belgium, Georgia, Italy.
- **Current research interests:** Impact of global changes on soil characteristics and qualities; New soil survey technologies; Soil functional factors for precision viticulture
- **Current leader of research projects:** LIFE international LIFE08 ENV/IT/000428 “Monitoring for Soil Protection (SOILPRO)””; CRA “Soil national archive and database (ARCA)””; CRA “Using isotopic ratios in precision viticulture and for denomination of origin certification (ISSUOVINO)”
- **Papers:** Some 200 papers (42 ISI) and monographs regarding: soil survey and land evaluation for quality crops (vine, olive tree), soil hydrology, soil geodatabases, land degradation and desertification, paleopedology and soil genesis.