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Expertise: Soil and plant science and the environment: 1) Bioweathering and biomineralization; 2) Monitoring and mitigation of soil pollution by heavy metals in agricultural, urban and industrial areas; 3) Soil-plant interactions and effects on nutrient/pollutants biogeochemical cycling; 4) Soil-based indicators of food traceability.

Associate Editor, Geochemistry Exploration, Environment, Analysis (GEEA), The Geological Society of London.

Director of the Museum of Mineralogy 'Antonio Parascandola' and member of the Scientific and Technical Committee of the Museum Centre "Agricultural Science Museums" – MUSA of Naples Federico II University.

Recent and relevant publications:

Vingiani S., Terribile F., Adamo P., 2013. Weathering and particle entrapment at the rock-lichen interface in Italian volcanic environments. *Geoderma* 207–208: 244–255

Adamo P, Iavazzo P, Albanese S, Agrelli D., De Vivo B., Lima A., 2014. Bioavailability and soil-to-plant transfer factors as indicators of potentially toxic element contamination in agricultural soils. *Science of The Total Environment*, 500–501, 11-22

Adamo, P., Mingo, A., Coppola, I., Motti, R., Stinca, A., Agrelli, D. (2015). Plant colonization of brownfield soil and post-washing sludge: Effect of organic amendment and environmental conditions. *International Journal of Environmental Science and Technology*, 12, 1811-1824.

Rocco, C., Duro, I., Di Rosa, S., (...), Vetromile, A., Adamo, P. 2016. Composite vs. discrete soil sampling in assessing soil pollution of agricultural sites affected by solid waste disposal. *Journal of Geochemical Exploration* 170, 30-38

Di Palma Anna, Capozzi Fiore, Spagnuolo Valeria, Adamo Paola, Giordano Simonetta (2017). Atmospheric particulate matter intercepted by moss-bags: Relations to moss trace element uptake and land use. *Chemosphere*, 176, 361-368

Zannella Carmela, Carucci Francesca, Aversano Riccardo, Prohaska Thomas, Vingiani Simona, Carputo Domenico, Adamo Paola (2017). Genetic and geochemical signatures to prevent frauds and counterfeit of high-quality asparagus and pistachio. *Food Chemistry*, 237, 545-552

Fiorentino N., Ventorino V., Rocco C., Cenvinzo V., Agrelli D., Gioia L., Dimola I., Adamo P., Pepe O., Fagnano M. (2017). Giant reed growth and soil biological fertility in assisted phytoremediation of an industrial polluted soil. *Science of the Total Environment*, 575, 1375-1383