

Massimo Zacchini



Dr Massimo Zacchini is currently working as a senior researcher at the Research Institute on Terrestrial Ecosystems (IRET) of CNR, acting as Head of the Tissue Culture laboratory and formerly Head of the Section of Montelibretti (Rome, Italy). He got the degree in Agricultural Sciences at the University of Pisa and the PhD at Scuola S. Anna University in Pisa.

His main research interests regard the physiological and biochemical characterisation of plants useful for the decontamination of polluted soils and water (phytoremediation) and the ecotoxicological risk assessment of chemicals in plants. He is an author and co-author of more than 90 scientific papers, mainly published in International ISI journals (sum of times cited: 2677, h-index: 30, source Scopus).

He coordinated the EU-INDIA Project "Technological Eco - Innovations for the Quality Control and the Decontamination of Polluted Waters and Soils" [contract ICI+/2014/342-817] (2014-2018), funded by EU (2014-2018), and acted as scientific supervisor of 2 MAECI (Italian Ministry of Foreign Affairs)-NAWA (Poland) "Canaletto" projects (2022-2023; 2025-2026) and of 4 bilateral CNR projects with foreign institutions (PAS Poland, SRNF Georgia, ASM Moldova, RAS Russia). He has been involved in many research projects funded by the UE, the Italian and Spanish Ministries of Science and Research. He organised international conferences and workshops dealing with innovative technologies for the decontamination of soil and water, also acting as an invited speaker and chairperson in many international conferences on bioremediation and environmental pollution.

He carried out academic activity as an Adjunct Professor at Sapienza University of Rome (Italy) and as an invited lecturer at Lodz University of Technology (Poland). He acted as a member of the evaluation panels of projects of European research institutions, European and national PhD, and tutoring activity for PhD students, Erasmus+ students and European and national research fellows.

He is associated Editor of the international journal "Frontiers in Plant Science", member of the Editorial Board of International journals (Water, Applied Science, Journal of Plant Studies, Journal of Applied Biotechnology, Journal of Plant Chemistry and Ecophysiology), guest editor of 5 Special issues (Water, Applied Science, Frontiers in Agronomy), referee for more than 60 International ISI journals dealing with environmental science, phytoremediation, plant physiology and plant biochemistry.