

Prof. Luisella Celi, Associate Professor of Soil Chemistry at the University of Turin since 2006, has read for a degree in Pharmaceutical and Technological Chemistry (1990) and in Pharmacy (1992), and holds a PhD in Agriculture and Environmental Chemistry (1995). She has gained experience in scientific institutes abroad (Agriculture Canada, Ottawa) and has collaborated with many national and international groups. Her research mainly deals with organic matter and nutrient cycling in soils. Soil organic matter studies are devoted to chemical and physical characterisation, interaction with the mineral fraction, the role of organic matter in pedogenesis, soil fertility and as a C sink to mitigate the increase in atmospheric CO<sub>2</sub> concentrations. Nutrient studies have concentrated on the abiotic reactions of organic phosphorus and nitrogen which lead to their stabilisation in soil, and on biotic reactions that control P and N bioavailability.

Her research has resulted in the publication of more than 180 articles in scientific journals and conference proceedings. She serves as a referee of several ISI international journals (Soil Science, Soil Science Society American Journal, Soil Biology and Biochemistry, Organic Geochemistry, Environmental Pollution, Soil Use and Management, Biogeochemistry).

She teaches Food Biochemistry, and Soil organic matter cycling at the Faculty of Agriculture of the University of Turin, as well as Soil Chemistry at the Faculty of Chemistry of the same University.

Prof. Celi has coordinated various projects financed by the EU, PRIN, MIUR and Regione Piemonte. She is member of the Soil Chemistry Commission and of the Council Italian Soil Science Society.