

Claudio Massimo Colombo Curriculum vitae

Personal information

Surname and given name: Colombo Claudio Massimo
Gender: Male
Data of birth: 24/12/1959
Place of birth: Buenos Aires (Argentina)
Nationality: Italian
Normal Residence: Via Manzoni 122
Napoli 80123 Italy



Actual position: Full Professor
Affiliation: Molise University- Via De Sanctis Campobasso
Department of Agricultural, Environmental and Food Science
Phone: +39 0874404654 fax +390874404855
e-mail: colombo@unimol.it

ORCID <http://orcid.org/0000-0002-4744-0535>

Scopus: 58 papers. Impact: H-index 24 citation: 2004

[Scopus Author ID: 56278170300](https://publons.com/researcher/1287239/claudio-massimo-colombo)

Google Scholar: <https://scholar.google.com.au/citations?user=J83e40IAAAAJ&hl=en>

Publons: Web of Science ResearcherID B-4022-2017

<https://publons.com/researcher/1287239/claudio-massimo-colombo>

Summary of scientific productivity

h-index (Scopus):	27
Papers:	63
Book chapters:	10
Books:	4
Supervisor of M.Sc. thesis (completed):	24
Supervisor of Ph.D. thesis (completed):	6
Supervisor of Ph.D. thesis (ongoing):	3

Languages

Italian, English and Spanish

Key of Expertise:

Soil spectroscopy, soil proximal sensing, humic substance, Fe oxides nanoparticles, soil genesis.

Education:

1979-1986. Graduate in Agronomy Science, University of Naples.

1990-1993. Ph.D. Soil Science, University of Cordoba (Spain).

Employment:

1993-1998. Research Soil Scientists, Naples University,

1998-2005. Associated Professor of Soil Chemistry, University of Molise, Campobasso, Italy.

2005 at present. Full Professor of Pedology, University of Molise, Campobasso, Italy

<http://docenti.unimol.it/index.php?u=colombo&l=en>

Teaching Responsibilities:

1998-2005. Professor Soil Chemistry, Soil Science

2005-2012. Professor of Pedology, Soil Science.
2005-2006, Coordination of MSc in Animal Production and Sustainable Agricultural Development with UCU (Universidad de Concepcion del Uruguay-Argentina).
2008. Coordination of Summer Scholarship on Soil Forest and Global Change with Spanish Universities (Santiago de Compostella, Cordoba, Seville).
2005-present, Soil Science (soil chemical, physical and biological properties classification) graduate course a post graduate course, full responsibility.
2015-2020 Coordination of Erasmus+ Capacity Building Project- IUCLAND – International University Cooperation on Land Protection in European-Asiatic :
<https://ec.europa.eu/programmes/erasmus-plus/projects/eplu-project-details/#project/561841-EPP-1-2015-1-IT-EPPKA2-CBHE-JP>

Position and Academy

List of position:

2005-2012. Member of the National Pedological Observatory and for the Soil Quality of the Italian Ministry of Agriculture, Food and Forestry Policies.
<http://www.reterurale.it/flex/cm/pages/ServeBLOB.php/L/IT/IDPagina/1034>
2008-2014. Secretary Deputy of the SISS Italian Soil Science Society (SISS)
<http://www.scienzadelsuolo.org/>
2008-2015. Member of the Directive Commission of the Italian Pedology Society (SIPE).
2005-2008. Coordination of Graduate Course in Agronomy Science of Molise University (UNIMOL).
2014- Rector delegate of International Affair.
2014- Editorial board member of the Korean Journal of Soil Science and Fertilizer.
2016- Editorial board member of the Journal of Soil and Sediment, Section 3: Remediation and management of contaminated or degraded lands
<http://www.springer.com/environment/soil+science/journal/11368/PS2?detailsPage=editorialBoard>
2019-2021. Component of I Division SISS Italian Soil Science Society (SISS)
<https://scienzadelsuolo.org/divisioni.php>

Membership of Scientific Societies

Member of the International Humic Substances Society (IHSS), the International Union of Soil Sciences (IUSS), the Italian Society of Soil Science (SISS), and of the Italian Society of Agricultural Chemistry (SICA).

Research project

Research projects in multidisciplinary collaboration with 10 research grants and contracts: 4 from Italian Government of the Italian Ministry of Research and University (MIUR) and CNR National Research Council Center 1 from Agriculture, Food and Forestry Policies (MIPAF), 3 from Regional Government and 2 from Fertilization Industry.

Grant and Awards:

1988 Grant from National Council of Research (CNR), Award for Senior Scientists
1990 Grant from Economic European Community, Science Senior Achievement
1991 Grant from Ministerio de Educacion y Ciencia de Espana, Senior Achievement Award
2011 (June to August) Visiting Scholar at the Agronomy Dep., Purdue University, IN, USA
2011-2013 (October to November) Senior Fellowship for Visiting professor of the Chinese Academy of Sciences (CAS), Dep. of Soil Environmental Science, Research Centre for Eco-environmental Sciences, Beijing.
2013-2014 (two months) Senior Fellowship for Visiting Professor at the Department of Earth & Environmental Sciences, Gyeongsang National University, GNU, Jinju city, South Korea.

Current research

Characterization of spatial distribution of soil properties using proximal soil sensing (NIR, Spectroscopy). Sorption and desorption kinetics and mechanisms of contaminants and nutrients in soils. Main focus is the characterization and molecular surface interaction of humic acid with clay minerals and distribution of organo-mineral compounds in soils from different ecosystems. Other interests are characterization of clay minerals surface properties with particular emphasis in iron and aluminum oxides nanoparticles interaction, spatial distribution of soil chemical properties by using diffuse spectral reflectance (DSR) measurements. Research involves the use of advanced spectroscopic and microscopic analytical instruments in soil chemistry.

International evaluation expert

2009-2012 Georgian National Science Foundation 68 Uznadze str., 0102 Tbilisi, Georgia
www.gnsf.ge

2014-2015 Romanian Ministry of National Education and Scientific Research. Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI) 2 and 3rd National Plan -<https://www.brainmap.ro/>

2015. Korean Society of Soil Science and Fertilizer.

National evaluation expert

2019- 2021 Italian University Scientific Habilitation ASN 2019-2010-2021.

2018- 2019 Regione Campania – Project research Evaluation expert .

2013- 2016 Italian Research Quality Evaluation 2004-2010 (VQR 2004-2010) Agriculture Science

2013- 2014 Italian University Scientific Habilitation ASN 2012-2013-2014.

2013- 2014 Regione Sardegna – Project research Evaluation expert .

2008-2009 Regione Puglia- Young Research Project Talent

2018- 2020 Italian University Scientific Habilitation ASN 2012-2013-2014.

I certify that the above information is accurate and correct.

Date: 17/07/2023



Claudio Massimo Colombo

A handwritten signature in blue ink, appearing to read "Claudio Massimo Colombo", written over a light blue grid background.