

CLAUDIA ANGIOLINI

Department of Life Sciences
University of Siena (Italy)
Via P.A. Mattioli, 4 53100 Siena, Italy
e-mail: claudia.angiolini@unisi.it

CURRICULUM VITAE

Born in Siena (Italy) on April 29, 1968.

Associate Professor in Systematic Botany at the University of Siena since August 2022

Biosketch

I'm a Naturalist and a Botanist, interested in all aspect regarding drivers of plant community composition, with focus on management and conservation of plant diversity.

Education

- *University Degree (Laurea) in **Natural Sciences*** on 1993 March 11 at the "Faculty of Mathematical, Physical and Natural Sciences" of the University of Siena, with a dissertation in Botany.
- *PhD in Environmental Sciences*, University of Siena. Thesis (Syntaxonomy, sinecology and phytogeography of plant communities with *Santolina etrusca* (Lacaita) Marchi et d'Amato) defended in 1999.
- *Postgraduate master* in: "Analysis of vegetation: collection and processing of data on flora, vegetation and soil " (Marche Polytechnic University, Ancona, 1999-2000).

Membership in scientific societies, groups and centers

- Società Italiana di Scienza della vegetazione (SISV)
- Società Botanica Italiana (SBI)
- Società Toscana di Scienze Naturali
- Accademia dei Fisiocritici
- BAT Center (Center for Studies on Bioinspired Agro-environmental Technology).

Scientometric performances

Scientometric performances according to Scopus (2022 March 8) are:

Number of papers: 122
Total Number of citations: 1287
h-index: 19

National Academic Qualification

- 2019 January - National Academic qualifications as **Full Professor** in Botany (05/A1)

Working positions

- 2013- to date – **Researcher at the Department of Life Sciences**, University of Siena, Italy, Scientific Subject BIO/02 (Systematic Botany).
- 2005- 2012 – **Researcher at the Department of Environmental Sciences**, University of Siena, Italy, Scientific Subject BIO/02 (Systematic Botany).
- 2000 July - 2004 July. **Postdoctoral fellowship in Plant diversity** at the Department of Environmental Sciences, University of Siena, Italy, Scientific Subject BIO/02 (Systematic Botany).

Scientific research

I am interested in all aspect regarding the vegetation science and floristic studies, with emphasis on phytosociology, plant community and habitat drivers of composition and diversity, distribution pattern and conservation topics and plant species demography. My favourite habitats of investigation are wetlands and coastal dunes.

Research topics

- 1) Flora: contributes to studies in Italy, contributes to the new Red List of Tuscany Vascular Flora; distribution and demography of rare or alien plant populations;
- 2) Vegetation: plant community ecology, diversity, biogeography and syntaxonomy, with synthesis at different scales;
- 3) Plant community-environment relationships: environmental factors driving plant community composition, traits and distribution;
- 4) Habitat of community interest according to Habitat Directive: focal species, structure, area, subtypes, conservation status, test of techniques for standard monitoring strategies.

Scientific editing and refereeing activity

I serve as Associate Editor per Versita Sp. z.o.o. (Warsaw, Poland) “for the purpose of publishing works in the External reviewer for MSc and PhD theses.

Since 2012 I was external reviewer and examiner for PhD theses at the University of Bologna, University of Florence, University of Viterbo, University of Cagliari, University of l’Aquila.

I served as referee for the following journals: Applied Vegetation Science, Biodiversity and Conservation, Biological Conservation, Community Ecology, Ecological Engineering, Ecological Indicators, Estuarine and Coastal Shelf Science, Hydrobiologia, iForest - Biogeosciences and Forestry, Journal of Environmental Management, Journal of Coastal Research, Journal of Maps, Journal of Mountain Science, Journal of Vegetation Science, Plants, Plant Biosystems, Plant Ecology, Restoration Ecology, Wetlands.

Research grants

- NI “Natural intelligence for Robotic Monitoring of Habitats” H2020EU (2021-2024). Scientific Responsible for University of Siena group (Third party).
- NATURAL NETWORK TOSCANA (Nat.Ne.T.) Project, Tuscan Region(2019-ongoing), Scientific Responsible for University of Siena group (Terrestrial Environment).

- VAV “Vero aglione della Valdichiana” (PSGO 45/2017 Psr, Feasr 2014-2020). Responsible WP3 “biodiversità”. Participant to Research Unit of University of Siena. Scientific Responsible for University of Siena (Partner) Prof. Stefano Loppi.
- 2018-2019 - “IV Report for Habitats of the Habitat Directive (92/43/EEC) present in Italy” coordinated by Italian Society of vegetation Science and Istituto Superiore per la Protezione e la Ricerca Ambientale (ISPRA); Participant.
- LIFE NATURE 2014-2019 - “Innovative silvicultural treatment to enhance soil biodiversity in artificial black pine stands –SelPiBioLife”. Participant to Research Unit of University of Siena (Scientific Responsible Dr. Elena Salerni).
- Monitoring of terrestrial species and habitats of community interest pursuant to the Habitat Directive 92/43 / EEC (MONITO-RARE) Project, Tuscan Region (2017-2018). Scientific Responsible for University of Siena group.
- “HASCITu: Habitat in the Site of Community Importance in Tuscany” Project - TUSCAN REGION (2015-2017). Scientific Responsible for Siena University.
- COFIN 2005 - “Integrated conservation in situ ex situ of spontaneous photosynthetic Orchidaceae of the Mediterranean area: integrated study of the plant-fungus relationship, development of germination and propagation protocols, reintroduction strategies”. Scientific Responsible of research unit (University of Siena) Prof. Claudia Perini.
- OCR INTERREG IIIC n°3S0132R “FIRES” (2006-2007); Sub-project "Restoration of an area hit by fire" coordinated by Municipality of Scansano. Scientific Responsible for Siena University.

Teaching activity

Since the academic year 2001-2002 she is involved in teaching activities concerning Systematic Botany and Plant Diversity and, for a short period, also Monitoring and Conservation of coastal vegetation for the BSc courses in Natural Sciences, Environmental Sciences and Biological Sciences, the MSc course in environmental Monitoring and Recovery Technologies (T.M.R.A.).

Professional Experiences

- Coordinator of the Erasmus agreements of the University of Siena with Universities of Granada (Spain), Coimbra (Portugal) and Open University of Cyprus (Cyprus).
- Member of the Scientific Committee of the Maremma Regional Park, 2017-ongoing.
- Member of Quality Assurance Management Group (AQ) of the Courses in “Environmental and Natural Sciences” at the University of Siena, 2015-ongoing.
- Member of the Teaching Committee of the Courses in “Environmental and Natural Sciences” and “and “Ecotossicology and Environmental Sustainability” University of Siena, 2012-ongoing.
- Member of the Teaching Committee of the PhD in: “Scuola di Dottorato in Scienze e Tecnologie Applicate all'Ambiente”. University of Siena, 2007-2011.
- Member of the Directive Committee of the National Park of the Casentinesi, Monte Falterona, Campigna Forests, 2008-2013.
- Member of the “Regional Technical Council for protected areas and biodiversity (Tuscany Region)”. 2006-2012.

Acknowledgments

- 2019 January - National Academic qualifications as **Full Professor** in Botany (05/A1)
- 2017 Beneficiary of Funding of basic research activities (MIUR)
- Pavia (14-15-16-17-18), September 2015. 110th Congresso della Società Botanica Italiana, II° International Congress of Plant Sciences Conference (IPSC) - Not only food: sustainable development, agro-biodiversity conservation & human well being. Poster competition: 2nd place. Vascular plants in Mediterranean pine coastal forests: which driver prevails? Bonari G. & Angiolini C.

- Member of the Directive of the Società Botanica Italiana Working group of Vegetation.
- I served as project evaluator for Italian Minister for University and Research MIUR and for the Irish Research Council Executive (IRC), as referee for evaluation of Irish Research Council Laureate Awards.

Some recent Publications

- Bonari, G., Padullés Cubino, J., Sarmati, S., Landi, M., Zerbe, S., Marcenò, C., ... & Angiolini, C. (2021). Ecosystem state assessment after more than 100 years since planting for dune consolidation. *Restoration Ecology*, e13435.
- Lazzaro, L., Bolpagni, R., Buffa, G., Gentili, R., Lonati, M., Stinca, A., ... & Angiolini, C. ... (2020). Impact of invasive alien plants on native plant communities and Natura 2000 habitats: State of the art, gap analysis and perspectives in Italy. *Journal of Environmental Management*, 274, 111140.
- Angiolini, C., Bonari, G., & Landi, M. (2018). Focal plant species and soil factors in Mediterranean coastal dunes: an undisclosed liaison?. *Estuarine, Coastal and Shelf Science*, 211, 248-258.
- Angiolini, C., Viciani, D., Bonari, G., & Lastrucci, L. (2017). Habitat conservation prioritization: A floristic approach applied to a Mediterranean wetland network. *Plant Biosystems-An International Journal Dealing with all Aspects of Plant Biology*, 151(4), 598-612.
- Bonari, G., Acosta, A. T., & Angiolini, C. (2017). Mediterranean coastal pine forest stands: Understorey distinctiveness or not?. *Forest Ecology and management*, 391, 19-28.