

CV Simona Maccherini

Position and research topic:

I'm a biologist with a PhD in Science and Technology Applied to Environment (University of Siena, 2005). I'm a researcher member of team "Plant diversity and community ecology" of the Department of Life Sciences of Siena University. I'm founding partner of Academic SPIN-OFF of Siena University: Terra Data Environmetrics (<http://terradata.it>). 2012-2015 member of Scientific Committee of Regional Park Migliarino San Rossore Massaciuccoli; since 2011 of the Editorial Board of Journal of Vegetation Science. I'm reviewer for Journal of Vegetation Science, Plant Soil, Applied Vegetation Science, Journal of Environmental Management, Natural Areas Journal, Northeastern Naturalist, Plant Ecology, Plant Biosystems, Plant Ecology & Diversity and Community Ecology. I'm interested in all aspect regarding spatial and temporal variability of plant diversity. In particular methodological aspects of restoration monitoring: the use of efficient sampling design in monitoring restoration management; cross-taxon congruence: the role of plants as surrogate group, for biodiversity conservation purposes and diversity of remnant habitats. My favorite tools of investigation are experimental and sampling design for short and long term studies.

Recent research project:

2010-2014: Monitoring the effect of management provided by LIFE NATURA RESILFOR LIFE08 NAT/IT/000371LIFE. <http://www.liferesilfor.eu/>. University of Siena.

2010-2012: "GIFT "Geographical Information on the flora of Tuscany" (POR FSE 2007-2013Ob.2 Asse IV). www.giftgeofloratoscana.unifi.it. University of Siena.

2006-2008: Monitoring the effect of management provided by LIFE NATURA BIARMICUS LIFE04 NAT/IT/000173. <http://www.lifelabbroalbegna.it/indexlife2.htm>. University of Siena

2009 Change and trend and correlative study of defoliation data from the RENECOFOR plots. Terradata Environmetrics Academic SPIN-OFF of Siena University (<http://terradata.it>)

2008: Ozone monitoring and biomonitoring in Trento Province. Terradata Environmetrics Academic SPIN-OFF of Siena University (<http://terradata.it>).

Teaching

Vegetation Science

Geobotany

Restoration Ecology

Community Ecology

Monitoring populations and communities

Publications

Co-author of more than 100 scientific publications, 45 in journal indexed in Scopus. H-index 15 (Source Scopus)