

Marco Isaia



General info

Torino, 16 May 1975
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www.researchgate.net/profile/Marco_Isaia
<http://www.personalweb.unito.it/marco.isaia/>

Education

2006 - **PhD Environmental Science**
Università del Piemonte Orientale
Supervisor: Prof. Guido Badino, Università di Torino

2001 – **European Master in Environmental Engineering –Cluster-ETE**
COREP - Politecnico di Torino
Academic tutor: Prof. A. Giordano

1999 – **Master's degree in Natural Sciences**
Università degli Studi di Torino
Supervisor: Prof. Pietro Passerin d'Entrèves

1994 – **High School diploma in Foreign Languages**
Quinquennio Sperimentale Linguistico "Santorre di Santarosa" - Torino

Current position

From September 2019:
Associate Professor in Ecology
Department of Life Sciences and Systems Biology (Univeristy of Torino)

Research Activity

The scientific activity focuses mainly on arachnology and ecology of the caves. In the academic field, his research group is the only one in Italy engaged in arachnological research. In particular, he mainly deals with the use of spiders as model organisms in ecological studies. The topics addressed in the research concern in particular the potential as biological controllers, the response of communities to anthropogenic disturbances including climate change, biomonitoring, eco-ethology, biodiversity conservation, the study of adaptations and niche ecological, functional ecology, the dynamics of speciation and the conservation of endangered species.

Research on cave ecosystems focuses on the relationship that links the presence of certain relict species of Arachnids to some environmental variables of the underground ecosystem, including, primarily, the temperature. Recently he has conducted research on the sustainability of cave tourism and on the effects of anthropogenic perturbations on underground ecosystems.

Scientific production (Nov. 2020):

Source	N. articles	Citations	H index
Scholar	287	2879	28



Marco Isaia - Università di Torino
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WOS	85	1217	20
SCOPUS	91	1312	22

Research projects and specific role:

- 2019-2022: SHOWCAVE: SHOWCAVE: a multidisciplinary research project to study, classify and mitigate the environmental impact in tourist caves. PRIN: PROGETTI DI RICERCA DI RILEVANTE INTERESSE NAZIONALE – Bando 2017. Ruolo: Principal Investigator
- 2017-2019: CAVEAT: Alpine caves as climatic indicators for global warming. Progetti di Ateneo finanziati dalla Compagnia di San Paolo di Torino. Ruolo: Principal Investigator.
- 2012-2015: CAVELAB: From microclimate to global change, caves as laboratories for the study of the effects of temperature on biodiversity. Progetti di Ateneo finanziati dalla Compagnia di San Paolo di Torino. Ruolo: Principal Investigator.
- 2010-2013: Fiat Group, Biodiversity Value Index. Ruolo: Co-responsabile della Convenzione di Ricerca.
- 2007 PRIN Ministero dell'Istruzione, dell'Università e della Ricerca: Impatto dello sci sull'ambiente alpino ed appenninico. Ruolo: Partner.
- 2007-2013: Integrated Transboundary Action Plan IV Programme of the European Union, Alcotra, Programme EC. Ruolo: Partner.
- 2008-2012: All Taxa Biodiversity Inventory Alpi Marittime e Mercantour, EDIT (European Distributed Institute of Taxonomy), WP7 EC. Referente per il gruppo Araneae.
- 2008: Progetto Giovani ricercatori (ex 60%), Ministero dell'Istruzione, dell'Università e della Ricerca: Ragni come bioindicatori. Ruolo: Principal Investigator.

TEACHING ACTIVITY

Teaching in the following academic courses: Ecology with laboratory (Bachelor, Natural Science) and **Ecosystem Dynamics** (Master Degree in Natural Science) at the UNiversity of Turin.

Institutional, organizational and service activities at the university:

Member of the Didactic Commission of the Department of Life Sciences and Systems Biology.

Member of the Didactic Commission of the PhD Course in Biology and Applied Biotechnology of the University of Turin.

Member of the Monitoring and Review Commission for the Bachelor's Degree Course in Natural Sciences.

Member of the Silver Medal Commission for the Master's Degree in Natural Systems Sciences.

Member of the Academic Board of the PhD Course in Biology and Applied Biotechnology of the University of Turin.

Member of the Degree Commission for the Degree Course Council in Natural Sciences.



Other titles,
academic
qualifications

- **Habilitation Degree for Associate Professor** for Ecology (BIO/07), Zoology (BIO/05) and Entomology (AGR/11) (March 2017).
- **Expert member** of the Technical Commission for the Conservation of the Speleological Heritage of Region Piemonte
- Global and Regional IUCN Red List Assessor
- European Society of Arachnology (ESA), Member of **Directive Council e Newsletter Editor**
- XXVIII European Congress of Arachnology, **Head of Conference**
- Araneae Spiders of Europe, **Expert Board Member** (www.araneae.unibe.ch)
- Premio Marchetti 2003 (Società Italiana di Ecologia)

Foreign languages,
computer

- English and French, advanced level (written and oral). German, elementary level, (written and oral). Spanish, intermediate level (oral)
- Windows and Mac operating systems, Office application packages, ArcView 3.X software and its extensions, ArcGis, Fragstats, SPSS, PC-Ord, Statistica, R.

Torino, 25.11.2020

