

CURRICULUM VITAE

Fulvio Mazzocchi

Current position

Senior Researcher, Institute of Heritage Science, CNR

Education

MSc in Biological Sciences, University La Sapienza of Rome

MSc in Philosophy, University La Sapienza of Rome

Specialization Course in Bioethics, University La Sapienza of Rome

European Master in Environmental Engineering, COREP- Polytechnic University of Turin

Affiliations

European Philosophy of Science Association (EPSA)

Society for Philosophy of Science in Practice (SPSP)

The International Society for History, Philosophy, and Social Studies of Biology (ISHPSSB)

Association of Critical Heritage Studies (ACHS)

International Society for Knowledge Organization (ISKO)

Society for the Philosophy of Information (SPI) (2013-2018)

Italian Society for Chaos and Complexity (2008-2016)

Italian Association for Terminology (Ass.I.Term) (2004-2010)

Major editorial appointments

Editorial Board, *Knowledge Organization*

Editorial Board, *Philosophies*

Editorial Board, *ISKO Encyclopedia of Knowledge Organization*

Editorial Board, *Encyclopedia*

Review Editor, *Frontiers in Climate*

Editorial Board, *Challenges - Journal of Planetary Health* (2021 - 2025)

Reviewer Board, *Cells* (2020 - 2024)

Research activity

His research activity has developed in a transdisciplinary manner, at the intersection of diverse scientific fields, and is concerned primarily with three domains of interest:

Knowledge organization

His focus is on the philosophical foundations of classification and knowledge organization. He also worked on several projects to develop scientific thesauri, including the *General European Multilingual Environmental Thesaurus* (GEMET) of the European Environmental Agency, and participated in international initiatives such as ECOTerm - ECOinformatics (EEA, UNEP & EPA-USA). He is a member of the International Society for Knowledge Organization (ISKO). He served on the ISKO Scientific Advisory Council from 2016 to 2021 and was Conference Chair for the Eleventh ISKO International Conference, held at the Faculty of Philosophy, La Sapienza University of Rome, in February 2010.

Epistemological issues of scientific research

For several years, he worked at the Institute of Complex Systems of CNR, focusing on the epistemology of complexity and supporting a pluralistic view of scientific research. He also contributed to the reductionism-holism debate in biology, analyzed epistemological issues associated with big data, and, in collaboration with climatologists, explored pluralism in climate

modelling. More recently, his works have applied complexity theory and transdisciplinary approaches to address contemporary crises such as climate change and the COVID-19 pandemic.

Epistemic diversity issues

He is mainly interested in epistemic diversity as it relates to the existence of multiple cultural traditions, focusing on both its philosophical implications and significance as heritage. He has considered how cultural backgrounds shape the conception of heritage. He has also looked at the relationship between Western science and alternative knowledge systems, particularly indigenous knowledge, with a focus on issues of epistemic justice and on how diverse traditions, through their unique perspectives and cultural expertise, can contribute to the sustainability debate. At present, he is working on formulating the idea of 'perspectivism' using an ontoepistemic framework.

Major recognitions

Since 2020, he has been included in Stanford University's 'Single-Year Impact' list of the World's Top 2% Scientists.

Since 2023, he has been included in Stanford University's 'Career-Long Impact' list of the World's Top 2% Scientists.