Elena Piano – PhD
Laboratory of Terrestrial Ecosystems
Department of Life Sciences and System Biology
University of Torino
Via Accademia Albertina — 10123 Torino ITALY

T: +39 011 6704521
@: elena.piano@unito.it
https://www.researchgate.net/profile/Elena_Piano

She is a Researcher at the University of Torino (Italy), where she teaches Applied Ecology in the Bachelor Program of Natural Sciences and in the Master Program in Science of the Natural Systems, and she is part of the Research group led by Marco Isaia. Her scientific activity is dedicated to the study of the ecological mechanisms that determine the response of model organisms to anthropogenic environmental disturbance, with a special focus on spiders and urban ecology. In parallel to her interest in urban ecology, she also carries out research activities on subterranean spiders, focusing on the effects of climate change on the distribution and thermal tolerance of model species, among which different alpine *Troglohyphantes* spider species. To model the response of spiders to anthropogenic disturbance, she developed an advanced knowledge in the use of statistical methods for solving ecological problems, becoming expert of both univariate and multivariate statistical approaches. She got involved into different national and international projects aiming at studying both the effects of urbanization on terrestrial arthropods population and community level and the effects of anthropogenic disturbance in caves.

She is member of the Council Board of the European Society of Arachnology since 2021 and served as member of the Scientific and Organizing Committee of the Conference in Rennes (2024) and in the Evaluation Panels of the Student awards (Greifswald 2021). She was part of the organizing committee of the 28th European Congress of Archnology held in Torino (2014). In 2021 she started the ESA Newsletter of Young Arachnologists (EarlCNews), where she collects the abstracts of the Bachelor, Master and PhD theses to improve the network between young and senior arachnologists.

As for her future role in ESA, she aims to continue with the EarlCNews, to promote inclusion and visibility of young arachnologists, and to continue her research on spiders in urban areas.