

## Biosketch – Dr. Andrea Ghermandi

Dr. Andrea Ghermandi is a tenured Senior Lecturer and Head at the Department of Natural Resources and Environmental Management, and the Director of the Natural Resources and Environmental Research Center at the University of Haifa in Israel. He is an alumnus of the Global Young Academy and serves as Academic Editor of the open access journal PeerJ. He obtained a Ph.D. in Analysis and Governance of Sustainable Development from the School for Advanced Studies in Venice Foundation at the University of Venice (Italy) in 2008. He also holds two Master degrees in Water Resources



Engineering and Environmental Engineering respectively from the Katholieke Universiteit Leuven / Vrije Universiteit Brussel (Belgium) and University of Trento (Italy). In recent years, he has contributed to high-profile international initiatives such as TEEB-The Economics of Ecosystems and Biodiversity, the UNEP/GEF Project for Ecosystem Services (ProEcoServ), the Ocean Health Index, and the Ecosystem Service Partnership. He has published in major environmental science and environmental economics journals such as *Water Research*, *Global Environmental Change*, *Water Resources Research*, *Science of the Total Environment*, *Ecosystem Services*, *Journal of Environmental Management*, *Ecological Economics*, and *Environmental and Resource Economics*. Among his main research interests are the mapping and economic valuation of ecosystem services, the use of research synthesis techniques and crowdsourced digital data in environmental studies, and the technical and economic analysis of ecological engineering and renewable energy desalination technologies.