

ANTONIO BOGGIA

CURRICULUM VITAE

1. Personal information

NAME: Antonio Boggia

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Full professor, specialized in Environmental assessment and management in agricultural development and Geographic Information Systems (GIS) and computer-aided support systems in environmental assessment and management, Wye College, University of London.

2. Work Experience

- 12/01/2022 – present: University of Perugia, Italy, Full professor
- 01/01/2007 – 11/01/2022: University of Perugia, Italy, Associate professor
- 01/11/2000 – 31/12/2006: University of Perugia, Italy, Assistant professor
- July 1994 – January 1995: University of Minnesota, USA, Visiting scholar in the field of environmental assessment
- 01/01/1990 – 31/10/2000: University of Perugia, Italy, Teaching/Research Assistant

3. Research

Taking part in national and international research programs in the following main fields:

Sustainable development; Sustainability analysis and evaluation; Environmental Economics; Environmental Assessment; Life Cycle Assessment (LCA) of processes and products; Ecological Footprint; Circular Economy; Multi-criteria Decision Analysis (MCDA); Spatial Multi-criteria Decision Analysis; Multi-objective Optimization; Optimization in farm management; Rural Economics and Appraisal; Biodiversity and Ecosystem services evaluation.

More than 100 papers presented in national and international conferences, both as invited and contributed papers.

Scientific coordinator of the research group “Environmental Laboratory” – University of Perugia (www.laboratorioambiente.unipg.it).

Founder and Scientific Co-ordinator of the International Laboratory on MCDA for Sustainable Development, supported by:

- Department of Agricultural, Food and Environmental Sciences, University of Perugia;
- Italian Land Economics and Evaluation Research Center;

- Regional Agency for the Environmental Protection, Umbria, Italy;
 - Center for Analysis of Sustainable Agro-ecological Systems (CASAS Global), NGO, consortium of natural resource scientists.
- Visiting Scholar at the University of Minnesota (USA) in 1994-95.
 Author of 174 scientific papers.

4. Teaching

Teaching activity, in the following topics:

- Sustainable development economics and politics
- Environmental Assessment

Lecturer in “Environmental Stewardship” at the University of Malta

Lecturer in several postgraduate and professional training courses in the field of environmental economics and assessment.

Member of the Academic Committee of the PhD in “Energy and Sustainable Development” of the University of Perugia.

5. Selected activities

- 2017: permanent member of the Center for Analysis of Sustainable Agro-ecological Systems (CASAS Global), NGO, consortium of natural resource scientists, Berkeley, CA, USA.
- 2017: member of the Scientific Committee of the 8th International Conference on Information and Communication Technologies in Agriculture, Food and Environment. Chania, Creta, 21-24 September 2017.
- 2014 to present: coordinator of the University of Perugia Unit in the project “SUN LIFE”, Life + 2013, LIFE13 NAT/IT/000371.
- 2014: President of the organizing committee of the Ist European Spring School on Multicriteria Decision Analysis for Sustainability.
- 2010: coordinator of the economic unit of the European Research “SLOWTOUR”, on sustainable tourism in coastal areas, with Italy, Germany, The Netherlands.
- 2009 to present: scientific coordinator of the Regional Observatory for Biodiversity of Umbria;
- 2008: Strategic Environmental Assessment of the Forest Plan of the Region of Umbria;
- 2007: environmental economist in a project of development of a system to evaluate the environmental quality of the industrial areas of Region of Umbria;
- 2006: supervisor for the environmental analysis and the Strategic Environmental Assessment (SEA) of the 2007-2013 Rural Development Programme of Umbria Region;
- 2006: member of the working group on “Definition of an environmental and socio-economic monitoring model for Umbria”, Regional Agency for Environmental Protection;
- 2004-2005: Research Unit co-ordinator in the National Research programme COFIN 2004 ;
- 2004: charged by the Regional Agency for Environmental Protection to develop the economic analysis of the Regional Water Management Plan;
- 2003: Co-ordinator for the Italian side in the bilateral project “Sustainable Development”, in the frame of the Scientific and Technological Cooperation Italy-Hungary protocol;

- 2003: Co-ordinator for the Italian side in the bilateral project “Innovative technologies for rural sustainable development in Albania”, in the frame of the Scientific and Technological Cooperation Italy-Albania protocol;
- 2003: Scientific consultant for the Confederazione Italiana Agricoltori dell’Umbria in the framework of “Naturaliter project: a pilot project for disseminating the vocational competences needed by the multifunctional agricultural businesses through the new information technologies”, EU Leonardo da Vinci 2 Program;
- 2001: member of the working group charged by the Regional government of Umbria to assess the economic and environmental impact of the application of the agro-environmental program (EU Reg. 92/2078) for the 1999-2000 period;
- 2000: member of the working group charged by the Regional government of Umbria to develop a procedure to introduce environmental accounting in agriculture;
- 1999: member of the working group charged by the Regional government of Umbria to assess the economic and environmental impact of the application of the agro-environmental program (EU Reg. 92/2078) for the 1994-1998 period;
- 1999 to present: permanent advisor of the Regional Association of Poultry Producers of Umbria for environmental risk and assessment;
- 1996 (November): charged to serve as a member of the working group of the Regional Government of Umbria for the implementation of the Environmental Impact Assessment Act;
- 1996: member of the working team on the economic feasibility analysis and environmental impact assessment of a biomass composting plant project in Umbria (Italy); project funded by UE (Leader Program);
- 1992-1993: charged to serve as a member of the working group of the Regional Government of Umbria for the implementation at regional level of the programs of UE Reg. 2078, 2079 and 2080/92.

6. Social skills

- Member of several international working groups, taking part in research team and visiting several institutions all over the world.
- Reviewer for the following international scientific journals:
 - European Journal of Operational Research;
 - Journal of Environmental Management;
 - Journal of Cleaner Production;
 - Journal of Multicriteria Decision Making;
 - Sustainability.
- in December 2007 one month in Australia and New Zealand at the University of Sydney and the Environmental Protection Agency of Sydney to discuss on models for assessing and monitoring sustainability of public decisions, and to present a paper on this topic at the International Conference on MCDA in Auckland.
- Member of the following associations:
 - Italian Land Economics and Evaluation Research Center;
 - European Working Group on Multicriteria Aid for Decisions;
 - International Society on Multiple Criteria Decision Making;
 - International Association for Impact Assessment.

- In 1998, 2002 and 2007 member of the International Technology Indicators Panel, supported by the US National Science Foundation.
- Scientific exchange with the University of Malaga (Spain), Faculty of Economics, on the topic of Sustainable Development Measurement
- Research project evaluator for the Georgia National Science Foundation

7. Organisational skill

Coordinator of several national and international research projects. Supervisor of several degree and PhD theses. Supervisor of Erasmus and Tempus programmes students and visitors. Member of committees for the selection of new researchers for Italian Universities.

From 2010 to 2014 member of the Administrative Board of the University of Perugia.

From 2004 to 2007 member of the scientific board of the Italian Association of Agricultural Economists.

From 2009 to present member of the scientific board of the Italian Land Economics and Evaluation Research Center.

8. Research and Technological transfer

- 2010 – Present: Founding Member and President of the Spin off CARE srl (www.carearth.org), of the University of Perugia. Environmental consulting and assistance for firms and public bodies.

Professional activities of CARE: Environmental Impact Assessment; Strategic Environmental Assessment; Environmental Assistance for firms for compliance with Environmental Integrated Authorization; Assistance for Public Bodies for Sustainable Development Strategies; Environmental Education; Design and coordination of eco-sustainable events, Eco-management, Eco-commerce.

- 2013 Founding Member and President of the Spin-off network ONE (One Network for the Environment www.reteone.net). Network of 6 spin-off of University of Perugia, dealing with research and interdisciplinary assistance in environmental topics.

AWARDS FOR SCIENTIFIC AND TECHNOLOGICAL TRANSFER

- 2016 CARE wins the participation to the “Maker Faire European Edition” of Rome, receiving also the “Blu Ribbon” price, for its innovative project of eco-commerce presented.

- 2016 CARE is included among the 50 Umbrian firms selected within the project "Sprouts of excellence", promoted by Confindustria Umbria.

- 2012 CARE wins the National Prize “Seven Green Awards” of Corriere della Sera, thanks to its environmental social network EnviNet. Category: environmental culture.

- 2010 Third place at StartCup Competition Umbria-Marche 2010, for scientific activity of research transfer.