

SANDRA NOTARO

ASSOCIATED PROFESSOR

Department of Economics and Management
University of Trento
via Inama 5, 38122 Trento (Italy)
Office: +39 0461 282158
E-MAIL sandra.notaro@unitn.it

PAST ACADEMIC POSITION

- Visiting Professor at the Department of Agricultural and Natural Resource Economics, Colorado State University, Fort Collins, USA (Feb - Aug 2018)
- Researcher Associate at the University of Trento, Department of Economics (2002-2005)
- Visiting Scholar at the Department of Agricultural and Applied Economics, University of Wisconsin, Madison, USA (Aug 1996 – May 1997).
- Researcher at the Istituto Agrario S.Michele all'Adige – Trento (1998-2000)

EDUCATION

PhD in Environmental and Mountain Economics at the Department of Economics, University of Trento, Italy (1998).

MS in Economics. Grade 110/110 cum laude, the University of Trento (1993).

CURRENT RESEARCH INTEREST

Non-market valuation (Choice Experiments and Contingent Valuation), forest economics, resource and environmental economics, economic valuation of environmental goods, sustainable development, agricultural economics in mountain areas.

SCIENTIFIC ACTIVITIES –RESPONSIBILITIES AND RESEARCH PROJECT

My research activity started focusing on the economic relationships between resources, agriculture and environment in mountain areas and the effects of the common agrarian policy on mountain agriculture. Whilst working on a European Union FAIR research contract named “Sustainable Agricultural Land Use in Alpine Mountain Regions” (1998-2000), I became interested in sustainable agriculture. Later on, my research interest moved towards the economic evaluation of environmental goods using Contingent Valuation Method and Discrete Choice Experiments. Several researches I have taken part in have involved a multidisciplinary approach in the area of forest economics and environment. The Province of Trento (PAT) Special Research Fund financed three of these. EFOMI, 2001 – 2004 – “Ecological valuation of Alpine forest ecosystems by integrated monitoring”, partners University of Trento, Tiroler Landesmuseum Ferdinandeum, Naturwissenschaftliche (Innsbruck, Austria), Agricultural Institute of S. Michele all'Adige, Tridentino Natural Science Museum, Experimental Institute for the Management of Forests and Alpine Areas (Trento). ECOCYPRE, 2002-2006 – “Ecological assessment and sustainable management of Cypress in the landscape of Trentino”, partners University of Trento, National Research Council (CNR), Agricultural Institute of S. Michele all'Adige, University of Florence. FORTIS 2002-2006 –

“Sustainable Innovation and Entrepreneurship for Forestry Institutions”, partners University of Trento, EFI-RPC *INNOFORCE* University of Agricultural Sciences (BOKU – Vienna) and Agricultural Quality Control Agency (S. Michele all’Adige, Trento).

From 2006 to 2011 I was involved in the European Project COST E45 (EUROpean FORest EXternalities, EUROFOREX), which had the aim to identify best practice guidelines on economic valuation of forest externalities. I also served as member of the Management Committee.

From 2008 to 2012, I was involved in two Major Projects of the PAT involving sustainable agriculture and sustainable development. ENVIROCHANGE – Global Change and Sustainable Management of Agriculture in Highly Developed Mountain Environment, partner University of Trento, Swiss Federal Institute of Technology (Zurich), Fondazione Edmund Mach-Istituto Agrario di S. Michele all'Adige (Trento), Fondazione Bruno Kessler (Trento). OPENLOC - Public policies and local development: policies for innovation and local effects of global dynamics, partners University of Trento, Fondazione Edmund Mach, Manchester Institute of Innovation Research (UK), Museo Tridentino di Scienze Naturali (Trento), University of Bologna, Center LEED OCSE (Trento).

I was also involved in numerous other projects financed by MIUR (Italian Ministry of Education, University and Research) and diverse local government and internal projects. One was an interational project, “A stated choice experiment on the economic value of Alpine pastures” (2007-2009), partners University of Waikato, New Zealand (Scarpa R.), and University of Sydney, Australia (Louviere J.).

I was also the principal investigator in research projects funded by regional bodies and organizations: "Estimation of the positive externalities produced by mountain animal husbandry in the municipality of Premana (province of Lecco)" founded by Region Lombardia (2002-2003); "Protection of environmental resources and rural development: management models of sustainable development", funded by Region Sardinia (2011-2014); “Economic valuation of alpine pastures in Val d’Aosta”, funded by Institute Agricole Régional, Val d’Aosta (2013-2015); “Estimation of the tourist value of mountain pastures in Val Ferret (Val d'Aosta) (2014-2016), funded by Fondazione Courmayeur Mont Blanc.

Recently I was involved in the EU Project: “LIFE+ T.E.N - Trentino Ecological Network”, LIFE 11/NAT /IT /000187- Action D2- economy and local populations, restoration of ecosystem functions (2017). The topic of the economic valuation of wildlife has been investigated in two projects, the first one in collaboration with the statistics office of the United Nations Food and Agriculture Organization (FAO) in Geneva and the Council for Agricultural Research and Analysis of the Agricultural Economy (CREA, Italy) and the second in collaboration with the Economics Division, University of Stirling (United Kingdom), the Economic and Social Research Institute, Trinity College (Dublin, Ireland) and the Department of Human Dimensions of Natural Resources, Colorado State University (USA). My collaboration with CREA continued with the participation to the EU Project LIFE14 CCM/ IT/ 000905 “FoResMit”, Recovery of degraded coniferous Forests for environmental sustainability Restoration and climate change Mitigation, to the EU Project Alpine Region Preparatory Action Funds - ARPAF CirculAlps (Innovation to foster sustainability and circular economy in Alpine forestry value chain) and other two projects that focused on enhancement strategies of the forest-wood-energy supply chain and on the assessment of the attitudes and willingness to pay of secondary wood manufactures for certified and/or locally produced wood material. Finally, in collaboration with prof. Rodolfo M. Nayga Jr., Department of Agricultural Economics and Agribusiness, University of Arkansas, I involved in a research aimed at investigating consumer preferences for microplastic-free food, with a methodological focus on value of information. Since 2020 I am participating in the Covid-19 interdepartmental research project NASCENT -Nature-based solutions for pandemic and climate-resilient cities.

PUBLICATIONS AND BIBLIOMETRIC INDICATORS

Author/co-author of 18 publications indexed in Scopus and/or WoS databases.

Author/co-author of other 58 publications on national or international journals, book chapters or proceedings and one book.

Bibliometric indicators (Scopus database. To date): 18 documents, 362 citations by 342 documents, h-index:10. Available at:

<https://www.scopus.com/authid/detail.uri?authorId=35091280600>

INVITED SEMINARS AND CONFERENCE PRESENTATIONS

- Presentation of oral contribution at more than 80 international conferences and invited seminars.

JOURNAL REFEREEING

American Journal of Agricultural Economics, Australian Journal of Agricultural and Resource Economics, African Journal of Agricultural Research, Bio-based and Applied Economics, Conservation Biology, Ecological Modelling, Ecosystem Services, Energies, Environment and Development Economics, European Review of Agricultural Economics, Food Policy, Forest Policy and Economics, Forests, German Journal of Agricultural Economics, Heliyon, Journal of Cleaner Production, Journal of Environmental Economics and Policy, Journal of Environmental Management, Journal of Environmental Research and Public Health, Journal of Forest Economics, Journal of Policy Research on Tourism Landscape and Urban Planning, Leisure and Events, La Questione Agraria, Rivista di Economia Agraria, Sustainability, Urban Forestry & Urban Greening.

PROFESSIONAL SERVICE

- Editor "Archivio Scialoja-Bolla - Annali di Studi sulla Proprietà Collettiva", Centro Studi e documentazione sui demani civici e le proprietà collettive. University of Trento (Italy), 2002 to date
- Member of the Foundational Consortium of Tourism Naturally Conference (Colorado State University (US), University of Trento (Italy), University of Derby (UK), University of Applied Science of the Grisons (Switzerland), University of Pisa (Italy), University of Sunderland (UK), Deggendorf Institute of Technology (Germany), Central China Normal University (China), 2018 to date
- Topic Editor of the Journal Sustainability, 2020 to date
- Guest Editor for the Special Issue on Assessing and Valuing Ecosystem Services, Sustainability, 2020/21

HONOURS AND PRIZES

National Scientific Qualification awarded for the Full Professor position in the area 07/A1 Agriculture Economics, 2020

Funding for basic research activities (FFABR) – MIUR (Ministry of Education, University and Research), 2017

Manlio Rossi-Doria National Prize, for the disciplines of Economics, Economic Policy, History and Sociology, for the doctoral thesis; 1999.

PARTICIPATION IN PHD BOARDS

- Doctoral School of Social Sciences, SUSTEEMS- Sustainability: Economics, Environment, Management and Society” – University of Trento, March 19 2020 to date
- Doctoral School of Social Sciences, DELoS - Development Economics and Local Systems – Universities of Trento and Florence, from April 7 2015 to March 18 2020
- CIFREM - Interdepartmental Centre for Research Training in Economics and Management, Doctoral programme in Economics and Management, University of Trento, from November 8 2006 to December 31 2009

TEACHING EXPERIENCE

Undergraduate:

- Laboratory of Market Analysis, 2015 to date
- Business Economics, 1997-2003
- Assistant professor of Political Economics, 2000-2002
- Assistant professor of Mountain and Forest Economics, 2001-2002
- Assistant professor of Microeconomics, 1997-2002
- Assistant professor of Economics and Environmental Valuation, 1994-1996
- Assistant professor of Environmental Economics, 1997-2002

Post-Graduate:

- Non-market valuation environmental valuation methods (Doctoral School of Social Sciences, Susteems - Sustainability: Economics, Environment, Management and Society - University of Trento
- Environmental economics (Doctoral School of Social Sciences, DELoS - Development Economics and Local Systems - Universities of Trento and Florence, 2018-2020
- Methods for consumer’s preferences/choices evaluation, 2016 to date
- Sustainable management of natural resources, 2016 to date
- Econometrics, 2014
- Advanced Data Analysis and Mathematical Models, 2014
- Economic valuation of tourist- environmental and cultural goods, since 2012
- Natural Resource Management, since 2006
- Policy for Sustainable Development, 2008-2011
- Sustainable Development (Master on Local Development for Balkans), 2001-2005.
- Environmental economics and resource valuation (Ph.D School in Economics and Management), 2006-2010
- Advances on Environmental Economics (Ph.D School in Economics and Management), 2005-2010

Supervisor of more than fifty graduate thesis on environmental economics, sustainable development and agricultural economics, and three Ph.D thesis.

OTHER RESPONSABILITIES

- Since 2015: responsible for the Tutoring service at the Department of Economics and Management, University of Trento
- Since 2017: responsible for the Undergraduate Business Excellence Studies (PDE), Department of Economics and Management, University of Trento