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CURRENT POSITION

Assistant Professor (Ricercatrice confermata di Politica Economica)

Abilitazione da associato per i settori concorsuali 13/A3 e 13/A2.

Member of SEEDS - Sustainability Environmental Economics and Dynamics Studies

CEIS (Centre for Economic and International Studies) Fellow

PREVIOUS POSITIONS

2006-2007 Research fellow, Department of Economics and Quantitative Studies (SEFEMEQ), Università di Roma Tor Vergata

2004–2006 Research fellow, Department of Economics, Università di Cassino

EDUCATION

2003 Ph.D. in Economics, Università di Roma Tor Vergata, Italy.

1997 Graduation (Laurea) in Political Science (110/110 cum laude), Università di Bologna, Italy

RESEARCH INTERESTS

Optimal taxation, redistributive issues and poverty; environmental policy and organized crime; emissions trading taxation; international climate agreements and developing countries; individual pro-environmental behaviors; waste reduction and recycling decisions.

SELECTED PUBLICATIONS

Articles in Refereed Journals (in English)

- “Financial barriers and Environmental Innovations. Evidence from EU manufacturing firms” (with C. Ghisetti, S. Mancinelli and M. Mazzanti), forthcoming, *Climate Policy*; Published online: 5 Dec 2016; (<http://dx.doi.org/10.1080/14693062.2016.1242057>).
- “Complementarity vs substitutability in waste management behaviors” (with A. D’Amato and S. Mancinelli), *Ecological Economics*, 2016, 123; 84–94.
- “Interpreting bargaining strategies of developing countries in climate negotiations. A quantitative approach” (with V. Costantini and G. Sforza), *Ecological Economics*, 2016, 121; 128-139.
- “Taxing international emissions trading” (with V. Costantini, A. D’Amato, C. Martini, M.C. Tommasino, E. Valentini), *Energy Economics*, 2013, 40; 609-621, ISSN: 0140-9883.

- “Illegal Waste Disposal in the Time of the Mafia: a Tale of Enforcement and Social Well Being” (with A. D’Amato), *Journal of Environmental Planning and Management*, 2012, 55, 5; 637-655, ISSN: 0964-0568.
- “Deriving multidimensional poverty indicators. Methodological issues and an empirical analysis for Italy” (with M. Coromaldi), *Social Indicators Research*, 2012, 107; 37–54, ISSN: 0303-8300.
- “The Four-Sector Diagram of Benefits (FSDOB) as a method for evaluating strategic interactions between humans and the environment. The case study of hydrogen fuel cell buses” (with C. Giannantoni), *Ecological Economics*, 2010, 69; 486–494, ISSN : 0921-8009.
- “Environmental Quality and Income Inequality: The Impact of Redistribution on Direct Household Emissions in Italy” (with L. Castellucci and A. D’Amato), *Rivista di Politica Economica*, 2009, VII-IX, 121-140, ISSN: 0035-6468.

Chapters in Books and Proceedings:

- “Careful with that switch! Willingness to save energy and income distribution” (with G. Castaldi and A. D’Amato), in Fadda S. and Tridico P. (Eds), *Inequality and Uneven Development in the Post-Crisis World*, 2018, London, Routledge.
- “Environmental policy-making in real life. Illegal waste disposal in the presence of organized crime” (with A. D’Amato), in Castellucci L. (Ed), *Government and the Environment. The Role of the Modern State in the Face of Global Challenges*, 2014, London, Routledge, ISBN: 978-0-415-63354-3.
- “A Note on Illegal Waste Disposal, Corruption and Enforcement” (with A. D’Amato), in D’Amato A., Mazzanti M. and Montini A. (Eds), *Waste Management in Spatial Environments*, 2013, London, Routledge, ISBN: 978-0-415-68718-8.
- “The Italian Income Tax System. How did recent reforms affect labor supply decisions and redistribution?” (with V. Parisi), in W. J. Berube and C. N. Pinto (Eds), *Taxation, Tax Policies and Income Taxes*, 2010, Nova Science Publishers, NY, ISBN: 978-1-60741-626-5.
- “The Derivative ‘Drift’ in Complex Systems Dynamics. The Case of Climate Change and Global Warming” (with C. Giannantoni), 2009, in *Proc. ECOS 2009, 22nd Conference on Efficiency, Costs, Optimization, Simulation and Environmental Aspects of Energy Systems*, Foz do Iguazú, Paraná, Brazil, ISSN 2175-5426.
- “Ordinal Maximization Principle vs Pareto’s Optimum Conditions in Policy Decision Making. The Case of Hydrogen Technologies” (with C. Giannantoni), 2008, in H. Schnitzer and S. Ulgiati (Eds), *Advances in Energy Studies. Towards a holistic approach based on science and humanity*, Book of Proceedings, Gratz: 333-344, ISBN: 978-3-85125-018-3.

Working Papers and Submitted Manuscripts:

- “Nudging at the beach: the effect of nudges on smokers’ littering behaviors” (with G. Cecere and G. Castaldi), revise and resubmit.

- “Illegal Waste Disposal, Territorial Enforcement and Policy. Evidence from regional data” (with A. D’Amato, M. Mazzanti, F. Nicolli), SEEDS Working Paper, 03/2014, submitted.

TEACHING

GRADUATE AND UNDERGRADUATE

A.A.2016-17	In Italian Economia della tassazione d’impresa (Parte 2), Economia e diritto d’impresa - biennio), Università di Cassino e del Lazio Meridionale.
A.A.2016-17 A.A.2015-16	In English Environmental Economics, MSC Economics, Università di Roma Tor Vergata. In Italian Politica Economica, CLEMIF (Economia dei mercati e degli intermediari finanziari - triennio), Università di Roma Tor Vergata.
A.A.2014-15 A.A.2013-14	In English Environmental Economics, MSC Economics, Università di Roma Tor Vergata. In Italian Green Finance, CLEMIF (Economia dei mercati e degli intermediari finanziari - triennio), Università di Roma Tor Vergata.
A.A.2012-13	In English Public Economics, MSC Economics, Università di Roma Tor Vergata.
A.A.2011-12	In Italian Economia dell’ambiente (triennio), Università di Roma Tor Vergata
A.A.2007-08	In Italian Economia applicata, Faculty of Economics, Università di Cassino.
A.A.2006-07	In Italian Scienza delle finanze, Faculty of Economics, Università di Cassino. Economia delle istituzioni, Faculty of Economics, Università di Cassino.

POST-GRADUATE

A.A.2016-17	In English Venice International University (VIU) –Graduate Seminar Framing global change and green economy in the Sustainable Development Goals Lecture on Greening Consumers' Behaviours; Hands on Experience with Behavioural Economics Experiments
A.A.2012-13 A.A.2011-12	In English <i>Advanced Issues in Environmental and Resource Economics</i> , PhD Program in Economics, Law and Institutions (previously labeled as PhD in Economic Theory and Institution, TEI), Università di Roma Tor Vergata
A.A.2011-12 A.A.2010-11 A.A.2009-10 A.A.2008-09	In Italian <i>Microeconomics</i> , PhD Program in Environmental Economics and Law, DEA, Università di Roma Tor Vergata

OTHER TEACHING EXPERIENCES

- 2012 - 2014 Sviluppo sostenibile e green jobs; Master Ambiente e Green Management – Formazione 24ore Business School
- 2012 - 2013 Non-renewable and Renewable Energy Sources: Costs and Benefits, Master GEM (Green Energy Management), Rome.

2010 - 2012 Course on Environmental and Natural Resource Economics: Theoretical Foundations and Applied Issues, FORGEA International, Cagliari.

RECENT CONFERENCES, SEMINAR AND WORKSHOP PRESENTATIONS

- 2016 Seminar at the University of Gothenburg, Department of Economics, General Economics Seminar Series (April 19th). Title of the talk: “Nudging at the beach”.
- 2015 Third Annual IAERE Conference (Italian Association Environmental and Resource Economists), University of Padua.
- 2014 Invited speaker at Workshop on “Finance and the environment – The role of finance behind the adoption of eco innovations and firm’s ‘green competitiveness’”, London, 15/05/2014 (within the CECILIA 2050 Project - Choosing Efficient Combinations of Policy Instruments for Low-carbon development and Innovation to Achieve Europe’s 2050 climate targets) – title of the intervention “The microeconomics of Green Finance: a role for banks in an “imperfect” world”.
- Second Annual IAERE Conference (Italian Association Environmental and Resource Economists), University of Milan.
- 2013 Fifth meeting of the Society for the Study of Economic Inequality (ECINEQ), University of Bari, Italy; 54th Annual Conference, Società Italiana degli Economisti, University of Bologna.
- 2012 19th Annual Conference of the European Association of Environmental and Resource Economists (EAERE 2012); XXIV Conferenza Siep (Società Italiana di Economia Pubblica).
- 2011 18th Annual Conference of the European Association of Environmental and Resource Economists (EAERE 2011); 12th Global Conference on Environmental Taxation (GCET); XXIII Conferenza Siep (Società Italiana di Economia Pubblica); 52 Riunione Scientifica Annuale Società Italiana degli Economisti (SIE).

MEMBERSHIPS

ECINEQ (Society for the Study of Economic Inequality) Founding Member; EAERE (European Association of Environmental and Resource Economists); IAERE (Italian Association of Environmental and Resource Economists).

SEEDS – Sustainability Environmental Economics and Dynamics Studies member;

CEIS Centre for Economic and International Studies Research Fellow.

Member of the Editorial board for Revista de Métodos Cuantitativos para la Economía y la Empresa - Journal of Quantitative Methods for Economics and Business Administration: <http://www.upo.es/RevMetCuant/equipo.php?lang=en>

PARTICIPATION TO RESEARCH PROJECTS

- CECILIA2050 (<http://www.cecilia2050.eu>), “Choosing Efficient Combinations of Policy Instruments for Low-carbon development and Innovation to Achieve Europe's 2050 climate targets” (three-year research project funded by the European Union’s 7th Framework Programme for Research (FP7)) - involved as SEEDS member.

- Project PRIN 2010/2011 (National Coordinator: M. Galeotti; participation to Tor Vergata Local Unit): Climate Change in the Mediterranean Area: Scenarios, Economic Impacts, Mitigation Policies and Technological Innovation (I cambiamenti climatici nell'area del Mediterraneo: scenari evolutivi, impatti economici, politiche di mitigazione e innovazione tecnologica);
- Project DIECOFIS (Development of a System of Indicators on Competitiveness and Fiscal Impact on Enterprise Performance) (Participation to Tor Vergata Local Unit), European Commission (5th Research Programme - Information Society Technologies - contract n. IST-2000-31125). Work-package 6 (Tax model construction and development: tax schedules rules modules for corporate enterprises, country IT).
- Project PRIN 2002-2003 (National Coordinator: W. Santagata; participation to Università di Cassino Local Unit): Public Intervention and Economic Sustainable Development of Cultural Heritage in the Mediterranean Area. A comparative analysis of public economics, institutions and culture (Intervento pubblico e sviluppo economico sostenibile del patrimonio culturale nell'area del Mediterraneo. Un'analisi comparata di economia pubblica, di economia delle istituzioni e della cultura.

INSTITUTIONAL ACTIVITIES

2016 – present – Member of the CLEF Degree Committee (Consiglio del corso di studio), DEF, Università di Roma Tor Vergata.

2012 to 2015 – Member of the Department Committee (Giunta di Dipartimento) DEF, Università di Roma Tor Vergata.

2011 to present – Member of the Academic Board – PhD in Economics, Law and Institutions (ELI) – Università degli Studi di Roma Tor Vergata.

2010: Member of the Academic Board – PhD in Law and Economics of the Environment (DEA - Dottorato in Diritto ed Economia dell'Ambiente) – Università degli Studi di Roma Tor Vergata.

REFEREEING ACTIVITY

Ecological Engineering; Ecological Indicators; Environment and Development Economics; Environmental Economics and Policy Studies; Journal of Cleaner Production; Journal of Economic Issues; Social Indicators Research;

Economia Politica; Rivista Italiana degli Economisti; Rivista di Politica Economica; QA - Rivista dell'Associazione Rossi-Doria.