

ALESSIO D'AMATO
(Short CV - September 2018)

Università degli Studi di ROMA "Tor Vergata"

Dipartimento: Economia e Finanza

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RESEARCH INTERESTS

Theory of incentives; environmental regulation under asymmetric information; climate and energy policies; waste policy in the presence of illegal disposal and organized crime; emissions trading; eco-innovation; drivers of waste and environmental behaviour; green public procurement.

CURRENT POSITION

Ricercatore (Assistant professor) - Academic Field (Settore Concorsuale): 13/A2 Politica Economica – Academic Discipline (Settore Scientifico Disciplinare): SECS-P/02 Politica Economica

National Scientific Qualification to function as full professor in:

- Politica Economica (13/A2),
- Scienza delle Finanze (13/A3).

National Scientific Qualification to function as associate professor in:

- Economia Politica (13/A1),
- Politica Economica (13/A2),
- Scienza delle Finanze (13/A3).
- Economia Applicata (13/A4).

OTHER POSITIONS

SEEDS - Sustainability, Environmental Economics and Dynamics Studies. Head of Tor Vergata Unit. www.sustainability-seeds.org/

Vice President (2016-17) and Council Member (2014–17) - Italian Association of Environmental and Resource Economists (IAERE).

CEIS Fellow – Center for Economic and International Studies (CEIS) - Università degli Studi di Roma Tor Vergata.

TEACHING

Graduate and Postgraduate

2018: Venice International University - Spring 2018 semester. Moduli su "Environmental and Natural Resource Economics" e "Welfare, Equity and Public Intervention: Challenges from Global Problems" (2 moduli, 72 ore).

2016: Venice International University - Graduate Seminar, September 15, 2016. Topics: "Climate and Energy Policies: a Microeconomic Approach"; "Hands on experience with Partial Equilibrium Analysis of Environmental Policy"

2008 and 2009: Master in Management of Development - International Training Centre - International Labour Organization (ITC-ILO - Torino): 3/2008 e 3/2009

2004 – 2017: PhD in Economics (TEI-DEDI) - Teaching units on Environmental and Resource Economics, Università degli Studi di Roma "Tor Vergata".

2013-2014: PhD in Economics (TEI-DEDI) - Module on Introduction to Law and Economics (joint with Giacinto Della Cananea) Università degli Studi di Roma "Tor Vergata".

2004/05 - 2010/11: Master in European Economics and Finance and Institutions (MEEFI) (Module: Environmental Policy in the EU up to 2008/2009 and Environmental and Natural Resource Economics and Policy in 2009/10 e 2010/11), Università degli Studi di Roma "Tor Vergata".

2009/10 - present: Master in Development Economics and International Co-operation (MESCI) (Module: Economic Growth, Sustainable Development and Climate Change), Università degli Studi di Roma "Tor Vergata".

2003/04 - present: Master in Regulation and Antitrust (teaching unit: Economics of water resources), Università degli Studi di Roma "Tor Vergata".

PhD and Master level theses supervisor

Undergraduate

A.Y. 2006/07 – present: lecturer, Public Economics, University of Rome "Tor Vergata".

A.Y. 2015/16 – present: lecturer, Green Finance, University of Rome "Tor Vergata".

A.Y. 2016/17 – present: lecturer, Advanced Public Economics, University of Rome "Tor Vergata".

A.Y. 2012/13: lecturer, Public Choice, University of Rome "Tor Vergata".

A.Y. 2002/03 – 2006/07: lecturer, Environmental Economics, Faculty of Economics, University of Cassino.

Undergraduate level theses supervisor

CONFERENCES ORGANIZATION AND PARTICIPATION

2017 – Chair – organizing committee, 5th Annual Conference, Italian Association of Environmental and Resource Economists (IAERE) Rome “Tor Vergata”

2013 - Co-chair - organizing committee, 1st Annual Conference, Italian Association of Environmental and Resource Economists (IAERE) Ferrara.

2011 - Vice-chair, Local Organizing Committee, 18th EAERE Conference, Rome - Tor Vergata

2004 – present – Paper presentation at international Conferences, including European Economic Association (EEA), World Congress of Environmental and Resource Economists (WCERE), Spring Meeting of Young Economists (SMYE), European and Italian Association of Environmental and Resource Economists (EAERE, IAERE), Italian Economic Association (SIE) and Italian Society of Public Economics (SIEP).

SEMINARS AND WORKSHOPS

Centro Euro-Mediterraneo sui Cambiamenti Climatici (CMCC) – Venezia, Fondazione Eni Enrico Mattei (FEEM) - Venezia , UniKore – Enna, Università di Bari, University of Bath, Università di Bologna, Università di Ferrara, Università "G. D'Annunzio" di Chieti-Pescara, University of Kiel, University of Napoli Parthenope, University of Nottingham, Università di Padova, Università di Roma "Tor Vergata", Università di Roma Tre, Università di Torino

RESEARCH PROJECTS PARTICIPATION

Principal Investigator, project title: "WDSC - What Drives Sustainable Consumption in Emerging Countries? A Field Experiment in Supermarkets in Colombia"; Call: Mission Sustainability, Università degli Studi di Roma "Tor Vergata". 18 months (since 1 March 2018).

ISAAC - Increasing Social Awareness and ACceptance of biogas and biomethane – collaboration with Italian CNR.

European Topic Centre on Waste and Materials in a Green Economy (ETC/WMGE) – with SEEDS

CECILIA2050 - Choosing Efficient Combinations of Policy Instruments for Low-carbon development and Innovation to Achieve Europe's 2050 climate targets” – collaboration with University of Ferrara Unit.

Italian Ministry of Education, University and Research, PRIN 2010/2011 on “Climate change in the Mediterranean area: scenarios, economic impacts, mitigation policies and technological

innovation” – local unit coordinator (since 24/02/2015, local unit participant up to 23/02/2015), Rome Tor Vergata Unit.

OTHER RESEARCH ACTIVITIES

2017/18 - Food and Agriculture Organization (FAO), Climate and Environment division, project Bioenergy and Food Security Rapid Appraisal (BEFS RA). Project n. 40201. Role: Reviewer (15 working days). Specific activity: Review updates to technoeconomic assessment components. Review of the assessment methodology for the logistic component of the BEFS RA economic analysis tool.

2017 – In the context of an agreement between Segretariato Generale, of the Italian Ministero dell'Ambiente, della Tutela del Territorio e del Mare (MATTM) and the Center for Economic and International Studies (CEIS), participation to the "Relazione annuale sullo stato dell'ambiente in Italia, 2016"; specific contributions in chapters 2 and 5.

2016/17 - Joint Research Centre (JRC) – European Commission. Expert contract number: CCR.IET.P2016022970. Topic: Unconventional Hydrocarbons (UH) Industry in Europe. Output: (contribution to): Techno-economic assessment of the conditions for the development of a potential unconventional gas and oil industry: Review of experiences outside Europe and analysis of the European potential. <https://ec.europa.eu/jrc/en/publication/eur-scientific-and-technical-research-reports/techno-economic-assessment-conditions-development-potential-unconventional-gas-and-oil>.

2016 - Food and Agriculture Organization (FAO), NRC division, project Bioenergy and Food Security Rapid Appraisal (BEFS RA). Project n. 40201. Role: Lead Economist (15 working days). Specific activity: Review the socioeconomic component of specific tools and the related assumptions, especially in relation to the labour, income and welfare components; provide an expert review in terms of the assumptions and indications on the required modifications to the calculations of these indicators. Provide support on these issues.

2014 - Food and Agriculture Organization (FAO), NRC division, project Bioenergy and Food Security Rapid Appraisal (BEFS RA). Project n. GCP/GLO/357/GER. Role: Economist (5 working days). Specific activity: Technical Review of the financial components of BEFS RA tools, and technical advice on modifications required based on the review.

PUBLICATIONS

Journal articles

D'Amato A., M. Mazzanti, F. Nicolli, Zoli M. (2018) "Illegal Waste Disposal: Enforcement Actions and Decentralised Environmental Policy". *Socio Economic Planning Sciences*. DOI:10.1016/j.seps.2017.12.006.

Cheng W., Appolloni A., D'Amato A., Zhu Q. (2018) "Green Public Procurement, Missing Concepts and Future Trends – A Critical Review" *Journal of Cleaner Production*, 176: 770-784.

Cesi B., D'Amato A., Zoli M. (2017) "Corruption in Environmental Policy: the Case of Waste". *Economia Politica*. First online: 13 december 2017. <https://doi.org/10.1007/s40888-017-0087-x>.

D'Amato A., Valentini E. and Zoli M. (2017), "Tradable Quota Taxation and Market Power", *Energy Economics*, 63, 248-252.

D'Amato A. and Dijkstra B (2017)., "Adoption Incentives and Environmental Policy Timing under Asymmetric Information and Strategic Firm Behaviour", *Environmental Economics and Policy Studies*, doi:10.1007/s10018-017-0187-4.

Boffa F., Clò, S. and A. D'Amato (2016), "Investment in Renewables under Uncertainty: Fitting a Feed-in Scheme into ETS". *Energy Journal*, 37, Special Issue. DOI: <http://dx.doi.org/10.5547/01956574.37.SI2.kneu>

D'Amato, A., Mancinelli, S., and M. Zoli (2016). "Complementarity vs substitutability in waste management behaviors". *Ecological Economics*, 123: 84-94.

Borghesi S., Crespi F. D'Amato A., Mazzanti M. and Silvestri, F. (2015) "Carbon abatement, sector heterogeneity and policy responses: evidence on induced eco innovations in the EU", *Environmental Science and Policy*, 54: 377-388

D'Amato A. and B. Dijkstra, (2015) "Technology Choice and Environmental Regulation under Asymmetric Information", *Resource and Energy Economics*, 41: 224-247

D'Amato A., Mazzanti M. e F. Nicolli (2015) "Waste and Organized Crime in Regional Environments", *Resource and Energy Economics*, 41: 185-201

Cainelli G., D'Amato, A. and M. Mazzanti (2015) " Adoption of Waste-Reducing Technology in Manufacturing: Regional Factors and Policy Issues", *Resource and Energy Economics*, 39: 53-67

Antonioli, D., Borghesi, S., D'Amato, A., Gili, M., Mazzanti, M., & Nicolli, F. (2014). "Analysing the interactions of energy and climate policies in a broad policy 'optimality' framework: the Italian case study." *Journal of Integrative Environmental Sciences*, 11 (3-4): 205-224.

Costantini V., D'Amato A., Martini C., Tommasino M. C., Valentini E. and M Zoli (2013) "Taxing International Emissions Trading", *Energy Economics*, 40: 609-621.

D'Amato A. and M. Zoli (2012) "Illegal Waste Disposal in the Time of the Mafia: a Tale of Enforcement and Social Well Being", *Journal of Environmental Planning and Management*, 55: 637-655

D'Amato A., Iozzi A., and G. Trovato (2012) "The trade of polyethylene waste: prices or policies?", *Environmental Economics and Policy Studies*, 14: 341-356

D'Amato A., Managi S. and M. Mazzanti (2012) "Symposium - Economics of Waste Management and Disposal: Decoupling, Policy Enforcement and Spatial Factors", *Environmental Economics and Policy Studies*, 14: 323-325

D'Amato A. and E. Valentini (2011) "Enforcement and environmental quality in a decentralized emission trading system", *Journal of Regulatory Economics*, 40: 141-159

D'Amato A. and E. Valentini (2011) "A Note on International Emissions Trading with Endogenous Allowance Choices", *Economics Bulletin*, 31, 2, 1451-1462

D'Amato A. and Franckx L. (2010) "Non Point Pollution Regulation Targeted on Emission Proxies: the Role of Yardstick Schemes", *Environmental Economics and Policy Studies*, 12, 201-218.

Castellucci L., D'Amato A. and M. Zoli (2009) "Environmental Quality and Income Inequality: the Impact of Redistribution on Direct Household Emission in Italy", *Rivista di Politica Economica*, 99(3), 125-143.

D'Amato A. and A. Spisto (2009) "Financing Public Expenditure via Emissions Taxation under International Emissions Trading: Is There Any Scope for Emission Tax Harmonization?", *Rivista di Politica Economica*, 99(3), 247-272.

Castellucci L. and D'Amato A. (2009) "A Note on Speculation, Emissions Trading and Environmental Protection", *Rivista di Politica Economica*, 99(2), 127-144.

D'Amato A. (2008) "Rifiuti, mercati del riciclo ed efficienza economica", *Economia dei Servizi*, 3, pp. 423-440.

D'Amato A. (2006) "Environmental Issues in Public Procurement" How Much Decentralization?", *Rivista di Politica Economica* 96, 209-234.

Castellucci L. and A. D'Amato (2006) "An Exercise on the Optimal Use of Groundwater Resources", *Rivista Internazionale di Scienze Sociali*, 114, 545-560.

Franckx, L., D'Amato A. and I. Brose, I. (2004) "Multi-Task Rank Order Tournaments.", *Economics Bulletin*, Vol. 10, No. 10 pp. 1-10

Book chapters

Castaldi G., D'Amato A. and Zoli M. (2017), "Careful with That Switch! Willingness to Save Energy and Income Distribution", in *Inequality and Uneven Development in the Post-Crisis World*, Fadda S. and Tridico P. (eds.), Routledge.

D'Amato A. and M. Zoli (2014), "Environmental Policy Making in Real Life: Illegal Waste Disposal in the Presence of Mafia", in Castellucci L. (ed.): "Government and the Environment - The Role of the Modern State in the Face of Global Challenges", Routledge.

D'Amato A. and M. Zoli (2013) "A Note on Illegal Waste Disposal, Corruption and Enforcement". In: D'Amato A., Mazzanti M. and Montini A. (eds.). Waste Management in Spatial Environments. pp. 63-78, London-New York: Routledge Taylor & Francis Group

Appolloni A, D'Amato A. and W. Cheng (2012) "Is Public Procurement Going Green? Experiences and Open Issues". In: Piga G., Treumer S. (eds.). The Applied Law and Economics of Public Procurement. The Economics of Legal Relationships. pp. 111-132, London-New York: Routledge Taylor & Francis Group

D'Amato A. (2012) "I benefici economici delle fonti rinnovabili di energia: occupazione, ma non solo" (in italian). In: Brunelli G, Buoncompagni F (eds.), Il contributo dei lavori verdi allo sviluppo sostenibile in Italia: stato dell'arte e prospettive. p. 67-74, PON GAS 2007-2013 - Ministero dell'ambiente e della Tutela Del Territorio e del Mare

Castellucci L., Coromaldi M. and A. D'Amato (2004) "Il servizio di acquedotto in Italia: produttività, redditività e qualità del servizio" (in italian). In: Istituto Nazionale Distribuzione e Servizi (INDIS) e Ricerche per l'Economia e la Finanza (REF). Le tariffe del settore idrico – Rapporto 2003. p. 193-211, Santarcangelo di Romagna:Maggioli.

Capozza I., and A. D'Amato. (2003) "I rifiuti come esternalità negative: dal teorema di Coase alla tariffa sui rifiuti in Italia" (in italian). In: Letizi M. (ed.). Comportamento criminale, ecomafie e smaltimento dei rifiuti. Strumenti e proposte per un approccio analitico. p. 153-174, Soveria Mannelli:Rubbettino.

Textbooks

Italian edition of Tietenberg T. (2004) "Environmental Economics and Policy", 4th Edition, for the McGraw-Hill Publishing Group Italia (Co-editor: Maria Concetta Chiuri).