

Curriculum Vitae

INFORMAZIONI PERSONALI

Nome SABRINA
Cognome AUCI
Recapiti Department of Political Science and International Relations
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FORMAZIONE TITOLI

Education

Nov. 1999 University of Rome “Tor Vergata”, Faculty of Economics, Italy

Laurea (B.A.) in Economics

Title of dissertation: “La Corporate Governance delle imprese: Diritti di Proprietà e Struttura Finanziaria”

Supervisor: Prof. Pasquale Lucio Scandizzo

Co-supervisor: Prof. Stefano Gorini

2000-2001 University of Rome “Tor Vergata”, Faculty of Economics, Italy

Master of Science (MSc) in Economics and Institutions (Master Mei)

Title of the Master thesis: “Unemployment and Equilibrium Value of the Labour Income Share in Italy”

Supervisor: Prof. Pasquale Lucio Scandizzo and dott. Riccardo Ricchi (Treasury Minister, Rome)

Nov. 2005 University of Rome “Tor Vergata”, Faculty of Economics, Italy

Ph.D. in Economics and Institutions

Title of the Ph.D thesis: “Property Rights, Incentives and Regulations: Three Essays” Title essay 1: “The Stability of the Adjusted and Unadjusted Environmental Kuznets Curve”; Title essay 2: “Corporate Governance and Firm Performance: A Comparative Analysis on Auditing Matters”; Title essay 3: “Bank-Firm Relationship and Firm Performance in Italy: Are Banks the Main Source of Firm Financing?”

Supervisors: Prof. Pasquale Lucio Scandizzo and Leonardo Becchetti

Honours and Awards

2001-2004 Doctoral Fellowship, University of Rome “Tor Vergata”, Italy

Summer Schools

5-18 September 2004 XV Bertinoro Econometric Courses on “discrete choice model and panel data”, Econometric Inter-University Centre CIdE, University of Bologna. *Lecturers: Nunzio Cappuccio (University of Padova), Diego Lubian (University of Verona), Rocco Mosconi (“Politecnico di Milano” Technical University), Carla Rampichini (University of Florence) and Alessandro Sembenelli (University of Turin).*

25 – 30 August 2004 Summer School on “Corporate Finance, Corporate Governance, and Political Economy”, Center for Financial Studies (CFS). *Lecturers: Enrico C. Perotti (University of Amsterdam), Antoine Faure Grimaud (London School of Economics) and Hyun Song Shin (London School of Economics).*

26 – 30 July 2004 Summer School on “Applied Economics and Programming in MATLAB”, Department of Economics and Quantitative Methods of University of Lecce. *Lecturer: Ulrich Woitek (University of Munich)*

9 – 15 July 2003 Summer school on “Optimization: theory and method”, “Insubria” University of Varese. *Lecturers: Prof. Dinh The Luc (University of Avignon) and Prof. Massimo Pappalardo (University of Pisa)*

ATTIVITA' DIDATTICA

Teaching Activities

2013 - today *Assistant professor* of Macroeconomics, Department of Political Science and International Relations (DEMS), University of Palermo, Palermo, Italy.

2020 - today *Assistant professor* of Cost-Benefit Analysis applied to the environment context, at the Master of Science programme in Economics and Management of Natural Resources and the Environment, University of Rome “Niccolò Cusano”, Economics Department, Rome, Italy.

2017-2018 *Assistant professor* of Innovation Economics, Economics Faculty, University of Cassino, Cassino, Italy.

2017-2018 *Assistant professor* of Innovation Economics and Policy (Module I), at the Master programme in Economics and Firm Law, Economics Faculty, University of Cassino, Cassino, Italy.

2015-2016 *Assistant professor* of Microeconomics, Macroeconomics and Economics, Economics Faculty, Uninettuno University, Rome, Italy.

- 2013-2016 *Assistant professor of Banks and Financial Intermediations, Economics Faculty, Uninettuno University, Rome, Italy.*
- 2010-2013 *Teaching Assistant of Political Economics, University of Palermo, Political Science Faculty, Palermo, Italy.*
- 2010-2012 *Assistant professor of Macroeconomics, at the PhD programme in Law and Environmental Economics, Economics Faculty, University of Rome "Tor Vergata, Rome, Italy.*
- 2010-2011 *Assistant professor of Microeconomics for the Firms, Political Science Faculty, University of Palermo, Palermo, Italy.*
- 2009-2010 *Assistant professor of Development and Growth, (held in English), Political Science Faculty, University of Rome "La Sapienza", Rome, Italy.*
- 2008-2009 *Teaching Assistant of Principles of Microeconomics, Economics Faculty, University of Rome "Tor Vergata", Rome, Italy.*
- 2000-2006 *Teaching Assistant of Political Economy, Economics Faculty, University of Rome "Tor Vergata", Rome, Italy.*
- 2002-2005 *Teaching Assistant of Financial Systems, Economics Faculty, University of Rome "Tor Vergata", Rome, Italy.*
- 2000-2003 *Teaching Assistant of Principles of Microeconomics, Economics Faculty, University of Rome "Tor Vergata", Rome, Italy.*
- 2003 and 2004 *Teaching Assistant of Microeconomics: Game Theory and Monopoly and Oligopoly Markets, (held in English), at the Master of Science programme in Economics (MEI), Economics Faculty, University of Rome "Tor Vergata", Rome, Italy.*
- October 2006 *Teaching Assistant of Microeconomics: Consumer and Firm Theory (held in English), at the Master of Science programme in Development Economic and International Co-operation (MESCI), Economics Faculty, University of Rome "Tor Vergata", Rome, Italy.*

ASSOCIAZIONI SCIENTIFICHE

Conferences

Participation is meant in regular session if not specified differently

2021

XVI EAAE Annual Congress of the European Association of Agricultural Economists, 25-28 August 2020 Postponed to 20-23 July 2021, Prague, Czech Republic, paper accepted and presented: "What are the factors driving the adoption and intensity of sustainable irrigation technologies in Italy?", (along with Pronti A. and Mazzanti M.).

2020

61^a Riunione Scientifica Annuale (RSA), 20-23 ottobre 2020, conferenza online, paper presented “*A New Look at the Effect of School Autonomy on Pupils’ Performance*”, (along with Coromaldi M. and De Fraja G.)

International Conference on Economics, Energy and Environment, ICEE conference, 25-27 June 2020, Cappadocia, Turkey, paper presented “*Water Resources in Agricultural Crops: Improving the Use in the Presence of Climate Variability*”, (along with Vignani D.)

25th EAERE Annual Conference of the European Association of Environmental and Resource Economists, June 23 - July 3, 2020, Berlinonline, paper presented “*Innovation and Weather Change Adaptation: A Panel Endogenous Switching Regression Analysis*”, (along with Barbieri N., Coromaldi M. and Michetti M.)

9th AIEAA Online Conference of Associazione Italiana di Economia Agraria Applicata, 11-12 June 2020, Bari, Italy, papers presented: “*Climate change impact on Ethiopian small-holders technical efficiency*”, (along with Coromaldi M.), in the IAERE organized session and “*Innovation in irrigation technologies for sustainable agriculture: An endogenous switching analysis on Italian farms’ land productivity*”, (along with Pronti A.).

Eighth IAERE Annual Conference 6-7 February 2020, Brescia, Italy, paper presented “*Innovation in irrigation technologies for sustainable agriculture: An endogenous switching analysis on Italian farms’ land productivity*”, (along with Pronti A.).

2019

60th Riunione Scientifica Annuale (RSA) della SIE – Società Italiana degli Economisti, 24-26 ottobre 2019, Palermo, Italy, paper presented “*Innovation and Weather Change Adaptation: A Panel Endogenous Switching Regression Analysis*”, (along with Barbieri N., Coromaldi M. and Michetti M.)

XL Conferenza Scientifica Annuale AISRe, 16-18 Settembre, Aquila, Italy, paper presented “*Mines and Quarries: An Analysis of Withdrawals Determinants in Italy*”, (along with Vignani D.)

IES2019 Statistical Evaluation Systems At 360°: Techniques, Technologies and New Frontiers July 4th – 5th, 2019, Roma, Italy, paper presented “*Mines and Quarries: An Analysis of Withdrawals Determinants in Italy*”, (along with Vignani D.)

INPUT aCAdeMy 2019, Planning, nature and ecosystem services, 24-26 June 2019, Cagliari, Italy, paper presented “*Resilience Smartness and sustainability. Towards a new paradigm?*”, (along with Mundula L.)

The 2nd edition of the INternational CongReSS on Engineering and Sustainability in the XXI cEntury – INCREaSE 2019, October 09-11, 2019, Algarve, Portugal, paper presented “*Smartness and Urban resilience: are they related?*”, (along with Mundula L.)

REAL CORP 2019, Is This the Real World? Perfect Smart Cities vs. Real Emotional Cities, the 24th International Conference on Urban Planning, Regional Development, Information Society and Urban, Transport, and Environmental Technologies, paper presented “*Bright Cities and City Information Modeling*” (along with Mundula L., Quaquero E.)

Seventh IAERE Annual Conference 7-8 February 2019 Udine, Italy, papers presented: “*Mines and Quarries: An Analysis of Withdrawals Determinants in Italy*”, (along with Vignani D.), in poster session and “*Innovation and Climate Change Adaptation: An Analysis on Agricultural Firms’ Efficiency*”, (along with Barbieri N., Coromaldi M. and Michetti M.)

2018

Sixth IAERE Annual Conference 15-16 February 2018 Turin, Italy, paper presented in poster session “*Agricultural Patents as an Adaptation to Climate Change: A European Analysis of Farmers' Efficiency*”, (along with Barbieri N., Coromaldi M. and Vignani D.)

13a Conferenza Nazionale di Statistica 4-6 Luglio 2018, Rome, Italy, paper presented in poster session “*Agricultural Patents as an Adaptation to Climate Change: A European Analysis of Farmers' Efficiency*”, (along with Barbieri N., Coromaldi M. and Vignani D.)

SEEDS Workshop, September 18th, 2018 – Ferrara, paper presented “*Water Resources used in Agriculture: Improving Management in presence of Climate Changes*”, (along with Vignani D.)

59th Annual Conference SIE 2018 - -25-27 ottobre 2018, Bologna, paper presented “*Agricultural Patents as Strategy for Climate Adaptation: A European Analysis of Farmer's Efficiency*”, (along with Barbieri N., Coromaldi M. and Vignani D.)

2017

6th Central European Conference in Regional Science - Engines of Urban and Regional Development, 20-22 September, Banska Bystrica, Slovakia. Paper presented “*Institutions, firms and environment in a framework of innovation*” (along with Mundula L.)

REAL CORP 2017 Panta Rhei – a World in Constant Motion, the 22st International Conference on Urban Planning, Regional Development and Information Society, 12-14 September 2017 Vienna, Austria, paper presented “*Public choices and decision-making processes: a case study on sustainable mobility*”, (along with Mundula L.)

IWA Conference on “*Water Challenges in XXI Century: Role of Economics, Statistics and Asset Management*” 11-13 September 2017, Livorno, papers presented: “*Water Resources used in Agriculture: Improving Management in presence of Climate Changes*”, (along with Vignani D.) and “*The distributional impact of rainfall variability in rural Ethiopia*”, (along with Coromaldi M. and Castellucci L.)

SEEDS Workshop, May 25, 2017 – Ferrara, paper presented “*Agricultural and Biotechnology Patents as an Adaptation to Climate Change: A European Analysis of Farmer's Efficiency*” (along with Coromaldi M. and Vignani D.)

Fifth IAERE Annual Conference 16-17 February 2017 Rome, papers presented: “*Water Resources used in Agriculture: Improving Management in presence of Climate Changes*”, (along with Vignani D.) and “*Climate Change Impact on Agricultural Production Efficiency: Evidence from Ethiopian Farmer*”, (along with Coromaldi M.)

2016

Ecomondo - 8-11 novembre 2016 – Rimini, paper presented “*Water Resources used in Agriculture: Improving Management in presence of Climate Changes*”, (along with Vignani D.)

ICAS2016 Seventh International Conference on Agricultural Statistics, Rome – Italy on 26-28 October 2016, paper presented “*Measuring Water-use in Response to Climate Change: An Analysis of the Efficiency of Italian Crop Production System*”, (along with Vignani D.)

57th Annual Conference SIE 2016 - -20-22 ottobre 2016, Milano, paper presented “*Il contrasto al lavoro non dichiarato: un'analisi comparata di policy*”, (along with Mundula L.)

REAL CORP 2016, 22-24 June 2016, Hamburg, Germany, papers presented: “*Defining Smart Cities: a relative and dynamic approach*”, (along with Mundula L. and Vignani D.) and “*Smart cities: a policy tool for city efficiency?*” (along with Mundula L.)

12 conferenza Nazionale di Statistica 2016, Roma, 22-23-24 giugno 2016, paper presented “*Climate Change and Water Resources: A Policy Implication for the Italian Crop Production System*” (along with Vignani D.)

20th ICABR Ravello (Amalfi Coast – Italy): June 26 - 29, 2016, Conference on: “*Transforming the Bioeconomy: Behavior, Innovation and Science*”, paper presented “*Climate Change Impact on Agricultural Production Efficiency: Evidence from Ethiopian Farmers*”, (along with Coromaldi M.)

2015

EAERE2015 Helsinki Annual Conference of the European Association of Environmental and Resource Economists, June 24-27 2015, poster paper “*Climate change effects and agriculture in Italy: a stochastic frontier analysis at regional level*”, (along with Vignani D.)

2014

XXXV Conferenza scientifica annuale AISRe2014 - Associazione Italiana di Scienze Regionali, “*Uscire dalla crisi. Città, Comunità e Specializzazione Intelligenti*”, 11-13 Settembre 2014, Padova, Italy paper presented “*La misura delle Smart Cities: un approccio dinamico*”, (along with Mundula L. and Vignani D.)

54th ERS2014 Congress - European Regional Science Association, paper presented “*Regional Development and Globalization: Best Practices*”, 26-29 August 2014, St Petersburg, Russia, “*Recycling construction and demolition waste within a Smart City approach: evidence from Italy using regional panel data*”, (along with Mundula L. and Vignani D.)

77th International Atlantic Economic Conference, Madrid, Spain, April 02-05, 2014, paper presented “*Efficiency of Italian Opera Houses: a Stochastic Frontier Production Function Approach*”, (along with Cognata A.)

The 18th International Conference on Cultural Economics, Association for Cultural Economics International (ACEI), June 24 -June 27, 2014, Montreal, Canada, paper presented “*Efficiency of Italian Opera Houses: a Stochastic Frontier Production Function Approach*”, (along with Cognata A.)

SIE 55ma Riunione Scientifica Annuale 23-25 October 2014 Trento, Italy, paper presented “*Climate change effects and agriculture in Italy: a stochastic frontier analysis at regional level*”, (along with Vignani D.)

SAES-ISTAT 2014 Giornate della Ricerca in Istat, 10-11 November 2014, Rome, Italy, paper presented “*Climate change effects and agriculture in Italy: a stochastic frontier analysis at regional level*”, (along with Vignani D.)

5th World Congress of Environmental and Resource Economists to be held in Istanbul between June 28 and July 2, 2014, paper presented “*Climate change effects and agriculture in Italy: a stochastic frontier analysis at regional level*”, (along with Vignani D.)

18th ICABR Conference on “*Bioeconomy and Development*”, Nairobi (Kenya) Safari Park Hotel, June 18-20, 2014, paper presented “*Climate change effects and agriculture in Italy: a stochastic frontier analysis at regional level*”, (along with Vignani D.)

2013

54th Annual Conference of Italian Economic Association (SIE), 24th -26th October 2013, Bologna, Italy, papers presented “*Does Cutting Back the Public Sector Improve Efficiency? Some Evidence from 15 European Countries*”, (along with L. Castellucci e M. Coromaldi) and “*Comparing different poverty rankings: Evidence from Italian EU-SILC Dataset*”, (along with Castelli A. and Zoli M.)

2013 Meeting of the European Public Choice Society 3rd-6th April, 2013, Zurich, Switzerland, paper presented “*Does Cutting Back the Public Sector Improve Efficiency? Some Evidence from 15 European Countries*”, (along with L. Castellucci e M. Coromaldi)

Fifth Meeting ECINEQ - Society for the Study of Economic Inequality, July 22-24, 2013, Bari, Italy, paper presented “*Comparing different poverty rankings: Evidence from Italian EU-SILC Dataset*”, (along with Castelli A. and Zoli M.)

53rd ERSA 2013 Congress - European Regional Science Association, “Regional Integration: Europe, The Mediterranean and The World Economy”, 27-31 August 2013, Palermo, Italy, paper presented “*A New Definition of Smart Mobility Characteristic within a Smart City Analysis*”, (along with Mundula L.)

XXXIV Conferenza scientifica annuale AISRe 2013 - Associazione Italiana di Scienze Regionali, “Crescita economica e reti regionali: nuove industrie e sostenibilità”, 2 -3 settembre 2013, Palermo, Italy, paper presented “*Il contrasto al lavoro non dichiarato: un’analisi comparata di policy*”, (along with Mundula L.)

First Annual Conference – Italian Association of Environmental and resource Economists (IAERE), 8-9 February 2013, Ferrara, Italy, paper presented “*Climate change effects and agriculture in Italy: a stochastic frontier analysis at regional level*”, (along with Vignani D.)

XXV Villa Mondragone International Economic Seminar on “The long term policy view. Shifting Wealth, Income Inequalities and Demography” University of Rome “Tor Vergata” – Tor Vergata Foundation 25–27 June 2013 Rome, Italy paper presented “*Environmental Kuznets Curve and Domestic Material Consumption Indicator: a European Analysis*” (along with Vignani D.)

2012

XXIV Conferenza 2012, SIEP – Società Italiana di Economia Pubblica, “Economia informale, evasione fiscale e corruzione”, 24-25 Settembre 2012, Pavia, Italy, paper presented “*Comparing different poverty rankings: Evidence from Italian EU-SILC Dataset*”, (along with Castelli A. and Zoli M.)

XXXIII Conferenza scientifica annuale AISRe “Istituzioni, Reti Territoriali e Sistema Paese: La governance delle relazioni locali – nazionali”, 13-15 settembre 2012, Rome, Italy, paper presented “*Smart Cities and a Stochastic Frontier Analysis: A comparison among European cities*”, (along with Mundula L.)

52nd European Congress of the RSAI and 4th Central European Regional Science Conference “Regions in Motion - Breaking the Path”, 21 -25 August 2012, Bratislava, Slovakia, paper presented “*Smart Cities and a Stochastic Frontier Analysis: A comparison among European cities*”, (along with Mundula L.)

19th Annual Conference of the European Association of Environmental and Resource Economists (EAERE), 27-30 June 2012, Prague, Czech Republic, paper presented “*Efficiency in the Use of Natural Non-renewable Resources and Environmental Federalism in Italy. Evidence from Regional Management of Mining and Quarrying*” (along with Castellucci L. and Vignani D.)

53ma Riunione Scientifica Annuale - Società Italiana degli Economisti (SIE), 18-20 Ottobre 2012 Matera, Italy, papers presented “*Efficiency in the Use of Natural Non-renewable Resources and Environmental Federalism in Italy. Evidence from Regional Management of Mining and Quarrying*” (along with Castellucci L. and Vignani D.) and “*Local or national environmental spending in Italy: a stochastic frontier analysis*”, (along with Castelli A. and Vignani D.)

46th Scientific Meeting of the Italian Statistical Society (SIS), 20-22 June 2012, Rome, Italy, paper presented “*Stochastic Frontiers Approach: an Empirical Analysis of Italian Environmental Spending*”, (along with Castelli A. and Vignani D.)

“Prendere decisioni: il ruolo della statistica per la conoscenza e la governance”, 19-20 Aprile 2012, Rome, Italy (SISVSP) paper presented “*Uso efficiente di risorse naturali non-rinnovabili da cave e miniere in Italia. Analisi delle serie storiche basate sui Conti dei Flussi di Materia a livello di Intera Economia (EW-MFA)*”, (along with Vignani D.)

46th Scientific Meeting of the Italian Statistical Society (SIS), 20-22 June 2012, Rome, Italy, paper presented “*Efficiency in the use of natural non-renewable resources from mining and quarrying in Italy. Time series analysis and Economy-wide Material Flows Accounts*” (along with Vignani D.)

2011

XXIII Villa Mondragone International Economic Seminar on “After the Crisis: Rethinking Global Governance, Development and Growth” University of Rome “Tor Vergata” – Tor Vergata Foundation 22–23 June 2011 Rome, Italy, paper presented “*Domestic Material Consumption Indicator and Natural Resources: a European Analysis of the Environmental Kuznets Curve*” (along with Vignani D.)

Conference 9-10 December 2011 on “Environmental Federalism: The political economy of the design of local taxation and environmental protection”, Ancona, Italy, paper presented “*Local or national environmental spending in Italy: a stochastic frontier analysis*”, (along with Castelli A. and Vignani D.)

18th Annual Conference of the European Association of Environmental and Resource Economists (EAERE) 29 June – 2 July 2011 Rome, Italy, papers presented “*Environmental Kuznets Curve and Domestic Material Consumption Indicator: a European Analysis*” (along with Vignani D.); “*Pollution and Economic Growth: A Maximum Likelihood Estimation of Environmental Kuznets Curve*” (along with Castelli A.); and “*The Environmental Kuznets Curves within European countries and sectors: Greenhouse emission, production function and technology*” (along with Trovato G.)

2008

XX Villa Mondragone International Economic Seminar on “Europe, climate change and energy policies: a new industrial revolution?”, 1-2 July 2008, CEIS Economia Tor Vergata Foundation, “Tor Vergata” University of Rome, paper presented “*Testing crucial model assumptions: the income/willingness to pay for the environment nexus in the Environmental Kuznets Curve*” (along with Becchetti L.)

2006

XV International Conference on “Banking and Finance”, 13-15 December, 2006, “Tor Vergata” University of Rome, Rome Italy, paper presented “*Bank-Firm Relationship and Firm Performance in Italy: Are Still Banks the Main Source of Firm Financing?*”

2005

20th Annual Congress of the European Economic Association (EEA), 24 – 27 August, 2005, Amsterdam, the Netherlands, paper presented “*The Stability of the Adjusted and Unadjusted Environmental Kuznets Curve*” (along with Becchetti L.)

14th Annual Conference of the European Association of Environmental and Resource Economists, 23 – 26 June, 2005, Bremen, Germany, paper presented “*The Stability of the Adjusted and Unadjusted Environmental Kuznets Curve*” (along with Becchetti L.)

Birmingham Business School on “Corporate Governance and Corporate Social Responsibility”, 4 July, 2005, Centre for Corporate Governance Research (CCGR), Birmingham, UK, paper presented “*Corporate Governance and Firm Performance: A Comparative Analysis on Auditing Matters*” (along with D’Agosto E.)

2005 Annual Meetings of European Financial Management Association (EFMA), 29 June - 2 July 2005, Milan, Italy, paper presented “*Corporate Governance and Firm Performance: A Comparative Analysis on Auditing Matters*” (along with D’Agosto E.)

Center for Law, Economics and Financial Institutions at CBS (LEFIC) and Center for Corporate Governance (CCG) 23 February 2005, Copenhagen Business School (CBS), Copenhagen, Denmark, paper presented “*Corporate Governance and Firm Performance: A Comparative Analysis on Auditing Matters*” (along with D’Agosto E.)

2004

Seminar, 20 October 2004, Fondazione ENI Enrico Mattei, Milano, Italy, paper presented “*The Stability of the Adjusted and Unadjusted Environmental Kuznets Curve*” (along with Becchetti L.)

XIII International Conference on “Banking and Finance”, 1-3 December, 2004, “Tor Vergata” University of Rome, Rome Italy, paper presented “*Corporate Governance and Firm Performance: A Comparative Analysis on Auditing Matters*” (along with D’Agosto E.)

Summer School on “Corporate Finance, Corporate Governance, and Political Economy”, 28 August 2004, Center for Financial Studies (CFS), Eltville, Germany, paper presented “*Corporate Governance and Firm Performance: A Comparative Analysis on Auditing Matters*” (along with D’Agosto E.)

International Conference on “Industrial Organization, Law and Economics”, 17-20 June, 2004, Porto Carras, Chalkidiki, Athens University Greece, paper presented “*Corporate Governance and Firm Performance: A Comparative Analysis on Auditing Matters*” (along with D’Agosto E.)

PUBBLICAZIONE

Publications and Working Papers

2021

“*Irrigation Water Intensity and Climate Variability: An Agricultural Crops Analysis of Italian Regions*”, (along with Vignani D.), Environmental Science Pollution Resources (2021). <https://doi.org/10.1007/s11356-020-12136-6>

“*Climate variability and agricultural production efficiency: evidence from Ethiopian farmers*”, (along with Coromaldi M.), 2021, International Journal of Environmental Studies, 78(1), 57-76, DOI: 10.1080/00207233.2020.1754559, First online: May 2020

2020

“*A New Look at the Effect of School Autonomy on Pupils’ Performance*”, (along with Coromaldi M. and De Fraja G.), 2020, mimeo

“*Irrigation Water Intensity and Climate Variability: An Agricultural Crops Analysis of Italian Regions*”, (along with Vignani D.), mimeo
evoluzione del “*Water Resources in Agricultural Crops: Improving the Use in the Presence of Climate Variability*”, (along with Vignani D.), mimeo

“*Innovation in irrigation technologies for sustainable agriculture: An endogenous switching analysis on Italian farms’ land productivity*”, (along with Pronti A.), 2020, mimeo

“*Innovation and Weather Change Adaptation: A Panel Endogenous Switching Regression Analysis*”, (along with Barbieri N., Coromaldi M. and Michetti M.), 2019, mimeo

“*Agricultural and Biotechnology Patents as an Adaptation to Climate Change: A European Analysis of Farmer’s Efficiency*” (along with Coromaldi M. and Vignani D.), 2018, mimeo

“*Climate change impact on Ethiopian small-holders technical efficiency*”, (along with Coromaldi M.), 2018, mimeo

“*What are the factors driving the adoption and intensity of sustainable irrigation technologies in Italy?*”, (along with Pronti A. and Mazzanti M.), 2020, CERCIS Working Paper.

“*Innovation for Climate Change Adaptation and Technical Efficiency: An Empirical Analysis in the European Agricultural Sector*” (along with Barbieri N., Coromaldi M. and Vignani D.), 2020, *Economia Politica*, 1-27, DOI: 10.1007/s40888-020-00182-9

“*Mines and Quarries: An Analysis of Withdrawals Determinants in Italy*”, (along with Vignani D.), 2020, *Resources Policy*, 67, DOI: 10.1016/j.resourpol.2020.101657

“*How does public spending affect technical efficiency? Some evidence from 15 European countries*”, (along with Castellucci L. and Coromaldi M.), 2020, *Bulletin of Economic Research*, DOI:10.1111/boer.12236, First online: 04 March 2020

“*Climate Variability and Agriculture in Italy: A Stochastic Frontier Analysis at The Regional Level*”, (along with Vignani D.), 2020, *Economia Politica*, 1-29, DOI: 10.1007/s40888-020-00172-x, First online: January 2020

“*Smartness, Sustainability and Resilience: Are They Related?* (along with Mundula L.), 2020, in Monteiro J., Silva A.J., Mortal A., Anfbal J., Moreira da Silva M., Oliveira M., and Sousa N. (eds) “*INCREaSE 2019 Proceedings of the 2nd International Congress on Engineering and Sustainability in the XXI Century*”, Springer International Publishing, 568–586; Print ISBN: 978-3-030-30937-4; Electronic ISBN: 978-3-030-30938-1; DOI: 10.1007/978-3-030-30938-144

2019

“*How Does the Public Spending Affect Technical Efficiency? Some Evidence from 15 European Countries*” (along with Castellucci L. and Coromaldi M., December 29, 2019, CEIS Tor Vergata Research Paper Series, 17 (10), Working Paper No. 476. ISSN 2610-931X, Available at SSRN: <https://ssrn.com/abstract=3495620> or <http://dx.doi.org/10.2139/ssrn.3495620>

“*Smart cities. Luci ed ombre di una visione di futuro*”, (along with Mundula L.), 2019, MediaGeo: Roma, ISBN 978-88-908755-6-4.

“*Resilience Smartness and sustainability. Towards a new paradigm?*”, (along with Mundula L.), 2019, in Gargiulo C. and Zoppi C. (Eds), “*Planning, nature and ecosystem services. INPUT aCademy 2019 conference proceedings*”, Napoli: FedOAPress, pp. 539-548, ISBN 978-88-6887-054-6, DOI: 10.6093/978-88-6887-054-6

“*Bright Cities and City Information Modeling*” (along with Mundula L., Quaquero E.), in Schrenk M., Popovich V.V., Zeile P., Elisei P.,

Beyer C., Ryser, J (Eds.), "IS THIS THE REAL WORLD? Perfect Smart Cities vs. Real Emotional Cities". Proceedings of REAL CORP 2019, 24th International Conference on Urban Planning, Regional Development and Information Society, 2019, 143-152 Vienna. ISSN 2521-3938 ISBN 978-3-9504173-6-4 (CD), 978-3-9504173-7-1 (print)

"*Dai Bright Green Buildings alle Bright Cities*" (along with Mundula L.), Smart for City, 1, 32-36, 2019

"*La misura delle smart cities e gli obiettivi della strategia EU 2020: una riflessione critica*", (along with Mundula L.), GeoTema, 59, 57-69, 2019.

"*Institutions and Innovation as Driving Forces Towards a Smart City and Sustainable Territorial Development*", (along with Mundula L.), in Cagica Carvalho L., Rego C., Lucas M.R., Sánchez-Hernández M.I. and Noronha Viana A.B., (eds.) "New Paths of Entrepreneurship Development. The Role of Education, Smart Cities, and Social Factors", Cham: Springer International Publishing, 2019, 77-98, (Hard cover) DOI: 10.1007/978-3-319-96032-65 ISBN 978-3-319-96031-9 (e-book) ISBN 978-3-319-96032-6

"*Institutional Entrepreneurship, Trust and Regulatory Capture in the Digital Economy*" (along with Mundula L.), in Luísa Cagica Carvalho and Pedro Isafas (eds.), "Handbook of Research on Entrepreneurship and Marketing for Global Reach in the Digital Economy", IGI GLOBAL, 2019, pp. 58-79, DOI: 10.4018/978-1-5225-6307-5.ch003, ISBN13: 9781522563075 and ISBN10: 1522563075

2018

"*The Environmental Kuznets Curve within European Countries and Sectors: Greenhouse Emission, Production Function and Technology*", (along with Trovato G.), *Economia Politica (Journal of Analytical and Institutional Economics)*, 2018, DOI: 10.1007/s40888-018-0101-y, ISSN 1120-2890

"*The impact of climate change on the distribution of rural income in Ethiopia*", (along with Coromaldi M. and Castellucci L.), *International Journal of Environmental Study*, 75(6), 913-931 2018, doi.org/10.1080/00207233.2018.1475914

2017

"*Public Choices and Decision-making Processes: A Case Study on Sustainable Mobility*" (along with L. Mundula), in Schrenk M., Popovich V.V., Zeile P., Elisei P., Beyer C. (eds), REAL CORP 2017 "Panta Rhei – a World in Constant Motion" Proceedings of 22st International Conference on Urban Planning, Regional Development and Information Society, 12-14 September 2017, Vienna, Austria, CORP - Competence Center of Urban and Regional Planning, pp. 421-432 ---- ISBN 978-3-9504173-2-6 (CD), 978-3-9504173-3-3 (print)

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“*Defining Smart Cities: a relative and dynamic approach*”, (along with Mundula L. and Vignani D.), in Schrenk M., Popovich V.V., Zeile P., Elisei P., Beyer C. (eds), “REAL CORP 2016 Smart Me Up!How to become and how to stay a Smart City, and does this improve quality of life?” Proceedings of 21st International Conference on Urban Planning, Regional Development and Information Society, 22-24 June 2016, Hamburg, Germany, CORP - Competence Center of Urban and Regional Planning, pp. 213-221, ISBN 978-3-9504173-0-2 (CD), 978-3-9504173-1-9 (print)

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2015

“*Smart Cities and Eu growth strategy: A Comparison among European Cities*”, (along with Mundula L.), FUET Working Paper, n. 02, 2015, ISSN 2420-9112

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“*Efficiency of Italian Opera Houses: a Stochastic Frontier Production Function Approach*”, (along with Cognata A.), working paper, mimeo, 2014

“*Recycling construction and demolition waste within a Smart City approach: evidence from Italy using regional panel data*”, (along with Mundula L. and Vignani D.), working paper, mimeo, 2014

“*La misura delle Smart Cities: un approccio dinamico*”, (along with Mundula L. and Vignani D.), working paper, mimeo, 2014

“*Climate change effects and agriculture in Italy: a stochastic frontier analysis at regional level*”, (along with Vignani D.), MPRA Working Paper No. 53500, 2014

“*Il ruolo delle filiere nell'industria italiana della meccanica: un legame stabile tra il Nord-Ovest e il Meridione*”, Rivista Economica del Mezzogiorno, 3, 2014, ISSN: 1120-9534

“*Domestic Material Consumption Indicator and Natural Resources: a European Analysis of the Environmental Kuznets Curve*” (along with Vignani D.), Statistica Applicata - Italian Journal of Applied Statistics, 24(2), pp. 173-194, 2014, ISSN: 1125-1964

2013

“A New Definition of Smart Mobility Characteristic within a Smart City Analysis”, (along with Mundula L.), working paper, mimeo, 2013

“Smart Cities and a Stochastic Frontier Analysis: A comparison among European cities”, (along with Mundula L.), MPRA Paper No. 51586, 2013

“Il contrasto al lavoro non dichiarato: un’analisi comparata di policy”, (along with Mundula L.), SSRN working paper, 2013, <http://ssrn.com/abstract=2332683> or <http://dx.doi.org/10.2139/ssrn.2332683>

“Environmental Kuznets Curve and Domestic Material Consumption Indicator: a European Analysis” (along with Vignani D.), MPRA Paper No. 52882, July 2013

“Efficiency in the Use of Natural Non-renewable Resources and Environmental Federalism in Italy. Evidence from Regional Management of Mining and Quarrying” (along with Castellucci L. and Vignani D.), CEIS Research Paper Series, 11(8), no. 277, May 2013

“Does Cutting Back the Public Sector Improve Efficiency? Some Evidence from 15 European Countries”, (along with Castellucci L. and Coromaldi M.), CEIS Research Paper Series, 11(7), no. 274, April 2013

“Imposte e Governance Regionale in Materia di Cave e Miniere in Italia”, (along with Castellucci L. and Vignani D.), in Ficari V. e Scanu G. (ed.), “Tourism taxation. Sostenibilità ambientale e turismo fra fiscalità locale e competitività”, Giappichelli Editore, Torino, 2013, ISBN 978-88-348-2646-1

“Dalle politiche pubbliche alla valutazione dei progetti”, (along with Bettoni L.) in Pasca di Magliano R. (ed.), “Percorsi dello sviluppo”, Roma, Hortusbooks, Edizioni Nuova Cultura, 2013, 403-406, Doi: 10.4458/0351-24;

“Valutazione dei progetti”, in Pasca di Magliano R. (ed.), “Percorsi dello sviluppo”, Roma, Hortusbooks, Edizioni Nuova Cultura, 2013, 406-442, Doi: 10.4458/0351-25

2012

“Comparing different poverty rankings: Evidence from Italian EU-SILC Dataset”, (along with Castelli A. and Zoli M.), working paper, mimeo, 2012

“Uso efficiente di risorse naturali non-rinnovabili da cave e miniere in Italia. Analisi delle serie storiche basate sui Conti dei Flussi di Materia a livello di Intera Economia (EW-MFA)”, (along with Vignani D.), working paper mimeo, 2012

“Smart Cities and a Stochastic Frontier Analysis: A comparison among European cities”, (along with Mundula L.), SSRN working paper, posted 9 November 2012, <http://ssrn.com/abstract=2150839> or <http://dx.doi.org/10.2139/ssrn.2150839>

“Efficiency in the use of natural non-renewable resources from mining and quarrying in Italy. Time series analysis and Economy-wide Material Flows Accounts” (along with Vignani D.), “Atti della XLVI Riunione Scientifica Roma, 20-22 giugno 2012”, CLEUP, Padova

“Stochastic Frontiers Approach: an Empirical Analysis of Italian Environmental Spending”, (along with Castelli A. and Vignani D.), “Atti

della XLVI Riunione Scientifica Roma, 20-22 giugno 2012”, CLEUP, Padova

“*Accessibilità*”, in Provincia di Roma (ed.), “Percorsi di sviluppo locale. Il Litorale della Provincia di Roma”, Aracne, Roma, 2012

“*Sistema Produttivo ed Occupazionale*”, in Provincia di Roma (ed.), “Percorsi di sviluppo locale. Il Litorale della Provincia di Roma”, Aracne, Roma, 2012

“*Sistema sociale*”, in Provincia di Roma (ed.), “Percorsi di sviluppo locale. Il Litorale della Provincia di Roma”, Aracne, Roma, 2012

“*Local vs national environmental spending: a stochastic frontier analysis*”, (along with Castelli A. and Vignani D.), *Euroeconomica*, 5(31), 2012, 40-56

2011

“*Pollution and Economic Growth: A Maximum Likelihood Estimation of Environmental Kuznets Curve*” (along with Castelli A.), MPRA Working Paper No. 53441, 2011

“*Local or national environmental spending in Italy: a stochastic frontier analysis*”, (along with Castelli A. and D. Vignani), MPRA Paper No. 58621, 2011

“*The Environmental Kuznets Curves within European countries and sectors: Greenhouse emission, production function and technology*” (along with Trovato G.), MPRA Working Paper No. 53442, 2011

“*Nota sui dati delle Tabelle*” in FULM (ed.), *Le Imprese Industriali del Mezzogiorno. Rapporto sui dati cumulativi di bilancio 2008-2012*”, vol. 1, p. 17-32, 2011

2010

Review of two books: Pasca di Magliano R., “*Fondi di Ricchezza Sovrana*” (LED editore, Milano, 2009) and Savona P. e Regola P., “*Il Ritorno dello Stato Sovrano*” (Rubbettino editore, Soveria Mannelli (CZ), 2009), in *Dirigenza Bancaria*, March–April 2010

2008

“*A Comparison between EU-KLEMS and STAN OECD Datasets*”, working paper, 2008

2007

“*Relazione tra Variabili di Auditing e valore dell'impresa*” paragraph within the chapter “*Corporate governance e informazione nei mercati*”

finanziari” in Bagella M. (ed.), “I mercati finanziari hanno un’anima?”, Bancaria Editrice, Roma, 2007

“*Growth and Productivity in the Services Sector: A Cross-Country and Cross-Sectoral Analysis*”, (along with Atella V., Dalle Chiaie S. and Tria G.), Atella V. and Tria G. (ed.), First Report “CEIS-Servizi”, CEIS “Tor Vergata” University, June 2007

“*Organizzazione dei mercati finanziari e regole giuridiche di corporate governance: confronto tra Italia, alcuni paesi europei e Stati Uniti*”, in Bagella M. (ed.), “Il sistema finanziario internazionale. Dal mercato chiuso al mercato aperto”, Giappichelli Editore, Torino, 2007

“*Stabilità ed efficienza dei mercati finanziari e principi di corporate governance*”, in Bagella M. (ed.), “Il sistema finanziario internazionale. Dal mercato chiuso al mercato aperto”, Giappichelli Editore, Torino, 2007

2006

“*Testing crucial model assumptions: the income/willingness to pay for the environment nexus in the Environmental Kuznets Curve*” (along with Becchetti L. and Rando L.), Quaderno CEIS, 238, June 2006.

“*Corporate Governance and Firm Performance: A Comparative Analysis on Auditing Matters*”, in Corporate Ownership & Control, 4(1), 2006

“*The Instability of the Adjusted and Unadjusted Environmental Kuznets Curve*” (along with Becchetti L.), in Ecological Economics, 60(1), 2006.

2005

“*I Servizi di Revisione Contabile in US e EU. Convergenza delle regole e asimmetria di impatto*” (along with Bagella M. and D’Agosto E.), Analisi Giuridica dell’Economia, 1, 2005

“*The Stability of the Adjusted and Unadjusted Environmental Kuznets Curve*” (along with Becchetti L.), Fondazione ENI Enrico Mattei, Note di Lavoro, 93.2005, 2005

2004

“*Organizzazione dei mercati finanziari e regole giuridiche di corporate governance: confronto tra Italia, alcuni paesi europei e Stati Uniti*”, Bagella M. (ed.) “Lezioni di Sistemi finanziari”, I edizione, p. 33-96, Roma, Aracne Editrice, 2004

“*Stabilità ed efficienza dei mercati finanziari e principi di corporate governance*”, Bagella M. (ed.), “Lezioni di sistemi finanziari”, I edizione, p. 97-148, Roma, Aracne Editrice, 2004

ATTIVITA' SCIENTIFICHE

Academic Positions and Qualifications

Present Position

2020 Associate Professor Qualifications in Economic Policy- 13-A2 through the national scientific qualification (ASN) procedure of the Italian University System.

December 2010-today *Full-time Researcher* of the Department of Political Science and International Relations (DEMS), University of Palermo, Italy.

Post positions

January 2013-2015 Participation as researcher to the University of Rome “Tor Vergata” unit of the PRIN 2010-2011 project entitled: “I cambiamenti climatici nell’area del Mediterraneo: scenari evolutivi, impatti economici, politiche di mitigazione e innovazione tecnologica” – National coordinator prof. M. Galeotti (36 months)

2011-2012 Participation as researcher to the “Regioni e macroregioni nel cambiamento economico” project, Ansaldo Foundation of Genoa, (February–April 2011-2012)

Participation as researcher to the “Le Imprese Industriali del Mezzogiorno” project, Ugo La Malfa Foundation of Rome (November–December 2011)

2010 Participation as researcher to the “Progresso tecnico, politica energetica e lock-in tecnologico” project, SEFEMEQ Department of the University of Rome “Tor Vergata”, (July-November 2010) (research grant)

2009-2010 Participation as researcher to the “La Virgola di Ponente: Ripensando la Questione Meridionale” project, Ansaldo Foundation of Genoa, (September – December 2009-2010)

Participation as researcher to the “Analysis of Italian Industrial Districts” project, Italian Government “Presidenza del Consiglio” (June–October 2009)

2006-2009 Participation as researcher to the “Analysis of labour productivity in the services sector” project, (February 2008- February 2009) (research grant); “Analysis of how to develop the coast of Rome” project (February 2007- February 2008) (research grant); and “Italian Public Budget” project (June-December 2006) (research grant), CEIS Department, University of Rome “Tor Vergata”

Fall 2001 Internship to the Treasury Minister, Rome, Italy, to elaborate a term paper for the Master Mei of the University of Rome “Tor Vergata”, entitled “Unemployment and Equilibrium Value of the Labour Income Share in Italy” (supervisor: Dott. Ricchi)

Visiting Scholar Abroad

25 November – December 2008 Visiting researcher with Ge for Environment and Energy at the Department of Applied Economics and Social Sciences, University of Zaragoza in Spain.

10 January – 28 February 2005 Visiting researcher for a project on “Corporate Governance” by Prof. C. Wihlborg at Finance Department, Copenhagen Business School (CBS); Law Economics and Financial Institution at CBS (LEFIC) and Center for Corporate Governance (CCG), Copenhagen, Denmark

Links to Scientific Profile

ORCID ID: <https://orcid.org/0000-0001-9339-152X>

SCOPUS: <https://www.scopus.com/authid/detail.uri?authorId=14832154000>

ResearchGate: <https://www.researchgate.net/profile/Sabrina-Auci>

GoogleScholar: <https://scholar.google.com/citations?user=mT8Ozn0AAAAJ&hl=it>

University Website: <https://www.unipa.it/persone/docenti/a/sabrina.auci/?pagina=curriculum>

AMBITI DI RICERCA

Research Interests

Environmental and Natural Resources Economics: Sustainable Development, Environmental Kuznets Curve, Environmental Economics and Policy, Climate Change and Agriculture, Environmental Innovation, Ecological Economics, Adaptation and Mitigation practices, Water Economics.

Urban Economics, Applied Economics, Panel data analysis, Cultural Economics.

ALTRE ATTIVITA

Referee Activity

The Lancet Planetary Health, Sustainability, Empirica, World Development, Economia Politica - Journal of Analytical and Institutional Economics, Environmental Science and Pollution Research, Climate and Development, Financial innovation, Journal of Industrial Ecology, Ecological Economics, Environment and Development Economics, Applied Economics

Ph.D. Supervision

Andrea Pronti: Two Essays on Environmental Economics: 1) What are the factors driving the adoption and intensity of sustainable irrigation technologies in Italy?; 2) Innovation in Irrigation Technologies for a Sustainable Agriculture: A Panel Endogenous Switching

Analysis on the Italian Farms' Land Productivity, Ph.D. in Environmental Economics, Department of Economics, University of Ferrara, Ferrara, Italy, ongoing

Donatella Vignani: Three Essays on Environmental Economics: 1) Domestic Material Consumption Indicator and Natural Resources: a European Analysis of the Environmental Kuznets Curve; 2) Use of Natural Non-renewable Resources and Environmental Federalism in Italy. Evidence from Regional Management of Mining and Quarrying; 3) The Exploitation of Minerals Resources in Italy analyzed through National and Regional legislation, Ph.D. in Environmental Law and Economics, Department of Economics and Finance, University of Rome "Tor Vergata", Rome, Italy, discussed April 2014

Ph.D. External Evaluator and Ph.D. Commission Member

Stefania Schipani, Ph.D. candidate in Environmental Law and Economics, Department of Economics and Finance, University of Rome "Tor Vergata", Rome, Italy, discussed in 2017

Uswatun Hasanah, Ph.D. candidate in Economics, Law and Institutions, Department of Economics and Finance, University of Rome "Tor Vergata", Rome, Italy, discussed in 2017

Alessandro Francia, Nicoletta Valeria Trotta, Andrea Chiappetta, Cosimo Antonaci, Giovanna Leonori, Ph.D. candidates in Environmental Law and Economics, Department of Economics and Finance, University of Rome "Tor Vergata", Rome, Italy, discussed in 2016

Jamil Chaya, Ph.D. candidate in Money and Finance, Economics Faculty, University of Rome "Tor Vergata", Rome, Italy, discussed in 2015

Proma Bhattacharya, Ph.D. candidate in Money and Finance, Economics Faculty, University of Rome "Tor Vergata", Rome, Italy, discussed in 2015

Giovanna Di Stefano, Ph.D. candidate in Money and Finance, Economics Faculty, University of Rome "Tor Vergata", Rome, Italy, discussed in 2014

Branimir Jovanovic, Ph.D. candidate in Money and Finance, Economics Faculty, University of Rome "Tor Vergata", Rome, Italy, discussed in 2014