

CURRICULUM VITAE ET STUDIORUM

SIMONE BORGHESI

PRESENT ACADEMIC POSITIONS AND QUALIFICATIONS

2017-today Director FSR Climate, Robert Schuman Center, European University Institute, Florence, Italy

2019-today Full Professor in Economic Policy, Department of Political and International Sciences, University of Siena

2019-today Secretary General Policy Outreach Committee, European Association Environmental and Resource Economists (EAERE)

VISITING SCHOLAR ABROAD

2016 Visiting scholar at the Center of Economic Research, Department of Management, Technology and Economics, ETH, Zürich (June 2016)

2015 Visiting scholar at the Department of Land Economy, University of Cambridge (May 2015)

2013 Visiting scholar at INRA – Institute National de la Recherche Agronomique, Laboratoire d'Economie Appliquée, Grenoble (June 2013)

EDUCATION

Ph.D. in Economics (European University Institute, 2001)

Master of Science (MSc) in Economics with thesis distinction (University College London, 1996)

Laurea (B.A.) in Economics cum laude and prize (University of Siena, 1995)

HONORS

2012 Invited participant by the Prime Minister of Bhutan, H.E. Mr. Jigmi Y Thinley, at the United Nations at the High-Level Meeting on “Happiness and Wellbeing: Defining A New Economic Paradigm”, New York, 2-4/4/2012.

WORK EXPERIENCE

1999 Fondazione ENI Enrico Mattei, Milan

Research group on “Climate Change Modeling and Policy”

1998 International Monetary Fund, Department of Fiscal Studies, Washington D.C.
Summer Intern Programme (July-October)

PAPERS AND PUBLICATIONS

He published 3 books and over 80 articles in edited books and peer-reviewed international journals

Selected publications (since 2015)

1. “Adoption Gaps of Environmental Adaptation Technologies with Public Effects”, with Antoci A., Galdi G., *Environmental and Resource Economics*, forthcoming
2. “Living in an uncertain world: Environment substitution, local and global indeterminacy”, (2021), with Antoci A., Galeotti M., Sodini M., *Journal of Economic Dynamics and Control*, vol.126, 103929, <https://doi.org/10.1016/j.jedc.2020.103929>
3. “The EU ETS and its companion policies: any insight for China’s ETS?”, (2021), with

- Verde S., Galdi G., Alloisio I., *Environment and Development Economics*, <https://doi.org/10.1017/S1355770X20000595>
4. “Climate and Energy Policies After COVID-19”, (2020), with Delbeke J., Glachant J.M., Pototschnig A., Ranci P., *Environmental and Resource Economics*, 76:501–503. DOI: <https://doi.org/10.1007/s10640-020-00493-2>
 5. “Outward Foreign Direct Investments Patterns of Italian Firms in the EU ETS”, (2020), with Franco C. and Marin G., *The Scandinavian Journal of Economics*, vol. 122 (1), 219-256, DOI: <https://doi.org/10.1111/sjoe.12323>.
 6. “Don’t feed the bears! Environmental defensive expenditures and species-typical behavior in an optimal growth model”, (2019), with Antoci A. and Russu P., *Macroeconomic Dynamics*, doi: 10.1017/S1365100519000397
 7. “With or without U(K): a pre-Brexit network analysis of the EU ETS”, (2019), with A. Flori, *PLOS ONE*, doi.org/10.1371/journal.pone.0221587, pp.1-17
 8. “EU ETS Facets in the Net: Structure and Evolution of the EU ETS Network”, (2018), with Flori A., *Energy Economics*, 75, 602-635.
 9. “The dynamics of foreign direct investment Investments in Land and Pollution Accumulation” (2018), with Giovannetti G., Iannucci G., Russu P., *Environmental and Resource Economics*, 72 (1), 135-154, DOI: 10.1007/s10640-018-0263-7.
 10. “Mapping the international flows of GHG emissions within a more feasible consumption-based framework”, (2017), with Caro D., Pulselli F., Bastianoni S., *Journal of Cleaner Production*, 147, 142-151.
 11. “The European Emission Trading System and Its Followers: Comparative Analysis and Linking Perspectives”, (2016), with Montini M., Barreca A., *Springer*.
 12. “Are regional systems greening the economy? Local spillovers, green innovations and firms’ economic performances”, (2016), with D. Antonioli and M. Mazzanti, *Economics of Innovation and New Technology*, 25 (7), 692-713. DOI: <http://dx.doi.org/10.1080/10438599.2015.1127557>
 13. “FDI, environmental externalities and capital segmentation in a rural economy”, (2015), with A. Antoci, E. Ticci, P. Russu, *Ecological Economics*, 116, 341-353, DOI: <http://dx.doi.org/10.1016/j.ecolecon.2015.04.029>
 14. “Linking emission trading to environmental innovation: evidence from the Italian manufacturing industry”, (2015), with G. Cainelli and M. Mazzanti, *Research Policy*, 44 (3), 669-683, doi: <http://dx.doi.org/10.1016/j.respol.2014.10.014>.

REFeree for over 40 journals and international organisations including IPCC, Netherlands Organisation Scientific Research, Social Sciences and Humanities Research Council (SSHRC) of Canada, Swiss National Science Foundation (SNSF).

GUEST EDITOR of Special Issues for *Journal of Evolutionary Economics* (2013), *Environment and Development Economics* (2021), *Environmental and Resource Economics* (forthcoming)

TEACHING

PRESENT COURSES

Ph.D.: Environment and Development Economics (University of Florence, 2017-today)

Master: Environmental Economics (2012-today), Cultural and Public Economics (2016-today University of Siena)

Undergraduate: Economic Policy (2016-today, University of Siena)

PAST COURSES

ABROAD

2019 Courses at the Summer School on “Economic Foundations for Energy and Climate Policies”, Technischen Universität Berlin (DIW).

2013 Courses in the Advanced Training Program on Eco-Management: Strategy and Policy, Chinese Academy of Social Sciences (CASS) and in the Training Program on Industrial Energy Efficiency, Chinese Ministry for Environmental Protection (MOST), Beijing.

2012 Courses at the Summer School on “Knowledge dynamics, industry evolution and economic development”, CNRS - GREDEG/Universite de Nice Sophia Antipolis, Nice.

IN ITALY (selected)

Applied Economics (2005-12, University of Siena), Political Economy (2006-11, University of Siena), Economic policy and European Integration, Development Economics, Regional Economics (2004-08, University of Pescara), Advanced Training Program on Environmental Management and Sustainable Development, (2006-16, Venice International University, in collaboration with the Italian Environmental Ministry and the State Environmental Protection Agency of China).

OTHER ACTIVITIES

MEMBERSHIP AND DIRECTION OF INTERNATIONAL RESEARCH PROJECTS (selected)

2019-today Director of the LIFE project DICET (Deepening International Cooperation on Emission Trading), European University Institute.

2017-2018 Director of the LIFE project SIDE (Supporting the Implementation and Development of the EU ETS), European University Institute.

2017-today Director of the research unit of the European University Institute in the H2020 project INNOPATHS (Innovation pathways, strategies and policies for the low-carbon transition in Europe)

2013-2015 Scientific Coordinator of the project “The future of Carbon Trading regulation in the post-2012 international climate change negotiations”, Venice International University and ENEL Foundation.

2013-2016 Member of the Board of Directors of the University of Siena for the UNITED NATIONS MED SOLUTIONS (Mediterranean Sustainable Development Solutions Network)

Member of the EU (VII Framework) research programmes “Transworld” (2012-2015), “Efficient mix of policy Instruments for Low-carbon development and Innovation – CECILIA” (2012-15), “Financialisation, economy, society and sustainable development – FESSUD” (2011-16), “Development of an Information Technology Tool for the Management of European Southern Lagoons” (2003-04)

MEMBERSHIP AND DIRECTION OF RESEARCH CENTERS, BOARDS AND ASSOCIATIONS

Director FSR Climate, Robert Schuman Center, European University Institute, Florence (September 2017-today)

Secretary General of the Policy Outreach Committee of the European Association of Environmental and Resource Economists (2019-today)

President of the Italian Association of Environmental and Resource Economics (IAERE) (2018-2019)

Council Member of the Board of the Italian Association of Environmental and Resource Economics (2016-today)
Member of the Center for Economic Policy Research – Research and Policy Network on Climate Change (2020-today) <https://cepr.org/content/cepr-rpn-climate-change-researchers>
Member of the CRM Academic Advisory Council, Brookings Institution, Center on Regulation and Markets (2021-today) <https://www.brookings.edu/center-on-regulation-and-markets-academic-advisory-council/>
Co-Director of the research group R4S (Regulation for Sustainability), University of Siena (2013-today)
Member of the Climate Governance Stakeholder and Expert Group at the School of Transnational Governance (STG), EUI (2019-today)
Research Affiliate of the Interuniversity Research Centre SEEDS – Sustainability Environmental Economics and Dynamics Studies (2014-today)
Member of PhD Reading Committee and Examining Boards at numerous universities (Florence, Milan, Roma Tre, Rome Tor Vergata, Siena, Technischen Universität Berlin, Venice)

ORGANIZATION OF WORKSHOPS AND CONFERENCES (selected)

Scientific Organizer and Chairman of the Plenary Session “The European Green Deal: Prospects and Challenges for the Future”, at the 25th Annual Conference of the European Association of Environmental and Resource Economists (EAERE 2020)
Chairman of FSR Climate Annual Conference, European University Institute (2017-today).
Scientific Organizer and Chairman of Policy Sessions at the Annual Conference of EAERE (2019, Manchester) and at World Congress of Environmental Economists (2018, Gothenburg).
Scientific Organizer and Chairman of the Workshop “Trust in the Single Market? The case of the EU Emissions Trading System”, State of the Union, European University Institute, 2/5/2019.
Course Director of the Executive Training Seminar on “Global quest for investment finance for the low-carbon economy”, School of Transnational Governance, European University Institute, 11-12/4/2019.
Scientific Organizer and Chairman of the Public Debate on “The LIFE SIDE project: Presentation of the EU ETS Assessment Report”, European Parliament, Brussels, 20/6/2018.
Scientific Organizer and Chairman of the Workshop “Equity and solidarity in the EU Emissions Trading System: Any lessons for international climate governance?”, State of the Union, European University Institute, 10/5/2018.
Course Director of the Residential Training Course on the EU ETS, European University Institute, 7-8/3/2018, and of the Online Training Course, 11/6/18-13/7/18.
Chairman of Carbon Market Workshop, organized in collaboration with DG Climate Action, European University Institute, 25/9/2017.
Member of the Organizing Committee of the 18th Annual Conference of the European Association of Environmental and Resource Economists (EAERE), Rome, 29/6-2/7/2011.

SEMINARS

Keynotes and distinguished invited speaker at plenary sessions of international conferences and at institutions including World Ecosummit (Columbus, 2012), Columbia University (2012), School of Environment, Tsinghua University (Beijing, 2013), EUI Annual Climate Conference (2016, Plenary Session), University of Cambridge (2017), University of East Anglia (2018), Harvard Environmental Economics Program (2018, 2021), SEEDS Annual Workshop (2018, keynote), SIE (Italian Economists Society, 2019, Plenary

Roundtable Session), High-Level Policy Dialogue on Climate Change Governance (Paris, 2019), University of Barcelona (2021), OECD-Network Economic Regulators (2021, keynote).

Seminars at selected conferences and international institutions

European Parliament (2018), European Association of Environmental and Resource Economists (virtual 2020, Manchester 2019, Athens 2017, Zurich 2016, Helsinki 2015, Prague 2012, Rome 2011), World Congress of Environmental and Resource Economists (Gothenburg 2018), European University Institute (2015, 2017), United Nations 2nd Med Solutions Conference (2015), Italian Economists Society (online 2020, Palermo 2019, Milan 2016, Trento 2014, Rome 2009), Italian Association of Environmental and Resource Economists (Brescia 2020, Rome 2017, Bologna 2016, Milan, 2014, Ferrara 2013), SOAS (London, 2013), 9th International Conference of the European Energy Market (EEM12, Florence, 2012), International Energy Workshop (Venice, 2009), International Emissions Trading Association (virtual 2020), European Association for Evolutionary Political Economy, (Rome, 2008), SURED – Sustainable Resource Use and Economic Dynamics (Ascona, Switzerland, 2006, 2018, 2020), Swiss Society of Economics and Statistics, (Zürich, 2005), Society for Computational Economics (Aix-en-Provence, 2003), MDEF – Mathematical Dynamics in Economics and Finance (Urbino, 2018, 2008, 2006, 2000), 8th Vienna Forum on European Energy Law (virtual 2021).