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MAIN RESEARCH FIELDS

International Trade and Development Economics | Environmental and Energy Economics | Public Economics | Urban and Regional Climate Transitions | Climate Change | Applied Policy Impact Evaluations

EDUCATION AND TRAINING

- | | |
|-----------|--|
| 2019-2024 | Ph.D. Candidate in Economics and Management - University of Verona (Italy)
Dissertation: Essays on Green Investments Policies and Development Paradigm of Economic Growth and Environmental Sustainability.
Advisors: Prof. Alessandro Buccioli and Prof. Emanuele Bracco |
| 2018-2019 | Advanced Studies Program in International Economic Policy Research (ASP)
Kiel Institute for the World Economy - Institut für Weltwirtschaft (IfW) in Kiel, Germany |
| 2016-2017 | II Level Specializing M.Sc. in Quantitative Risk Management (QRiM)
Alma Mater Studiorum - University of Bologna (Italy) |
| 2013-2016 | M.Sc. in Economics and Finance – Curr. Banking and Finance
University of Padova (Italy) |
| 2010-2013 | B.Sc. in International Economics
University of Padova (Italy) |

SUMMER SCHOOLS

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|----------------|---|
| August 2023 | The Business Data Science & Tinbergen Institute (TI) in Amsterdam (The Netherlands)
Summer School “on Climate Change” – 22-25 August 2023, in Amsterdam |
| July 2023 | Roma Tre University, Department of Economics, Rome (Italy)
Centro Sraffa Summer School of Advanced Studies in the Reappraisal of Surplus Approach 17-22 July 2023 |
| June/July 2023 | Barcelona School of Economics (BSE), Barcelona (Spain)
Summer School “on Development Economics and Evaluation of Development Policy” |

RESEARCH PAPERS

The dynamic approach of modelling regional recovery investment policies using environmentally-extended SAM Matrix

[\[Crossref WP online\]](#)

Abstract: This paper analyzes the socioeconomic and environmental impacts of an exogenous public-financed increases in infrastructure investments and modernization projects (CIS) of around EUR 1097 billion for the 2021-2026 period on industrial outputs, household employment and income distribution, in the Italian province of Taranto using an environmentally extended Social Accounting Matrix (ESAM) techniques for the year 2015. The method that we propose reconciles the analysis of the impact of an investment policy on a local economy, accompanied by an in-depth evaluation on the backward and forward intersectoral production linkages through trade and multiplier analysis, with the cost-benefit (CB) analysis of a large-scale investment project. The evaluation of the dynamic impacts on the local economy produces a benefit/cost ratio of 5.63 that increases to 7.88 when the CB analysis of the project, and therefore the revenues generated during the operational period, are also included. The inclusion of environmental externalities reduces by about 16% the benefit/cost ratio in the construction period. In the operational period, when we assume that green production technologies are adopted, the reduction of the ratio is more consistent. The distributive impact of the investments on households' income is also acceptably equitable. Further research is needed to measure to what extent the reduction in the incidence of pollution related pathologies during the operation period effectively improves the environmental quality and health status of the Taranto inhabitants.

Impact techniques of modelling next-gen infrastructure investment projects to redress regional disparities using multi-regional input-output model

[\[Crossref WP online\]](#)

Abstract: This paper estimates the socio-economic impact of infrastructure recovery investments and resilience plan related to the Institutional Development Contract (CIS) for the city of Taranto on different categories of households, labor markets (skilled and unskilled), and private enterprises in Italy. It does so by implementing a multi-regional input-output (MRIO) model with inter-regional trade at the level of Apulia region, to estimate the intra-regional impact, and, at the national level, to estimate the inter-regional and inter-sectoral supply chain linkages and spillover effects through trade. The intra-regional effects are almost two times the inter-regional effects. Almost 51% of the inter-regional impact on value-added accrues to northern regions, 22% at the centre, while about 27% is captured by the regions in southern Italy. This evidence clearly shows a good degree of connection of the Apulia local economy with the macro region of northern Italy, while it is quite weak with the macro south in Italy. The considerable share of inter-regional spillover effects in terms of value-added, which is transferred outside the southern macro-region, over 73% reflects the persisting regional disparities in Italy, where the productive northern-regions mostly benefit from the national development policies made in the most marginal areas in southern Italy.

POLICY PUBLICATIONS

Agbonifi, D. and Alatas, S, The Lira Crisis: How Turkey and the G-20 Can Help Change the Nature of Global Problem-Solving (February 1, 2019). Available at SSRN: <http://dx.doi.org/10.2139/ssrn.4516541>

RESEARCH IN PROGRESS

Modelling the linkages between green investments policies and climate change on urban and regional sustainable development (abstract available on request)

RESEARCH POSITIONS AND OTHER EMPLOYMENTS

Oct-Nov 2023	Aix-Marseille School of Economics (AMSE) in Marseille, France Visiting PhD Researcher – invited by Prof. Dr. Nicolas Clootens
April-June 2023	Hamburg Institute of International Economics (HWWI), Hamburg, Germany. Visiting PhD Researcher – invited by Prof. Dr. Michael Berlemann
2021- 2022	Teaching Tutor position in Political Economy - (undergraduate level) University of Verona, Italy
2017-2018	Junior Consultant Interm position – Credit Risk Analytics and Consultancy Division CRIF SpA, via M. Fantin 1-3 40131 Bologna, Italy

LANGUAGES AND SKILLS

Languages: English (*mother tongue*), Italian (*fluent*), German (beginner - *currently learning*).
Software: R, Stata, GAMS, LaTeX. Microsoft Excel, Word, PowerPoint,

AWARDS AND SCHOLARSHIPS

PhD. Studies	Four-year PhD scholarship awarded by the Italian Ministry of Education and University, 2019-2023
Research grant	Three-months scholarship for a visiting research position at Hamburg Institute of International Economics (HWWI), Hamburg, Germany awarded by the University of Verona (UNIVR). April-June 2023
II M.Sc. Degree:	Two-year scholarship awarded by the University of Bologna (UNIBO), 2017-2018
B.Sc. Degree:	Three-year scholarship awarded by the University of Padua (UNIPD), 2010-2013

CONFERENCES, SEMINARS, WORKSHOPS

PRESENTATIONS

- Centro Sraffa Summer School, Roma Tre University, Rome Italy – invited young scholar guest speaker - July 17, 2023
- Barcelona School of Economics Summer School, Barcelona Spain – invited young scholar guest speaker - July 14, 2023
- Hamburg Institute of International Economics (HWWI), Hamburg, Germany - invited guest speaker - May 2, 2023
- Brown Bag Seminar series: Department of Economics - University of Verona - speaker - November 15, 2022
- PhD Seminar, Department of Economics - University of Verona - speaker – September 08, 2022
- PhD Seminar, Department of Economics - University of Verona - speaker - September 10, 2021

SEMINARS/WORKSHOPS/CONFERENCES

- WIDER Development Conference on the role of domestic revenue mobilization in development in Oslo Norway – Sep. 6-8, 2023.
- Tinbergen Institute (The Netherlands) seminar: “Scope, Scale and Concentration: The 21st Century Firm” - August 24th, 2023
- UNU-WIDER and the City of Helsinki joint Sustainable cities discussion forum - May 26, 2023
- Circular Economy Forum Hamburg - organized by (HWWI), Hamburg, Germany - May 25, 2023
- MSCA Postdoctoral Fellowships: Franco-Italian bilateral cooperation webinar – May 16th, 2022
- The FSR Climate Annual Conference 2022 – December 1-2, 2022

REFERENCES

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