Enzo Salvatore

PhD Candidate in Economics - Water, Environment and Macro-modelling

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Research profile

PhD candidate in Economics (member of LERN UR 4702, Université de Rouen Normandie) working on the integrated management of water uses and regional CGE modelling. Research interests cover water economics, climate-change adaptation, environmental and regional macroeconomics and macroeconomic theory. Experience in building and using CGE/RCGE models, managing empirical surveys on water use, teaching microeconomics (markets and price systems) at undergraduate level, and organising seminars and doctoral activities.

Education

Ongoing
PhD in Economics (3rd year), Université de Rouen Normandie
Thesis: "Modelling integrated management of water uses: a micro–macro approach".
Affiliation: Laboratory of Economics Rouen Normandie (LERN UR 4702)
Supervisors: Olivier Beaumais (supervisor), Hélène Maisonnave (co-supervisor).

2021–2023
Master's degree in Public Economics and Management, Université de Caen Normandie
Specialisation in economic research. Research dissertation on the IS–LM model and environmental macroeconomic equilibrium.
Supervisor: Clémence Christin.

2018–2021
Bachelor's degree in Economics, Université de Caen Normandie
Core training in economic analysis, financial management, statistics and accounting.

Publications and working papers

Working papers and submitted articles
- Henseler, M., H. Maisonnave and E. Salvatore (2025). "How Water Flows Through CGE Models: A Systematic Review". HAL Working Paper hal-05263526. Under review in *Environmental Science & Policy*.
- Henseler, M., H. Maisonnave and E. Salvatore (2025). "Macroeconomic Impacts of Groundwater Recharge Decline and Adaptation Policies: A RCGE Application to the Seine-Aval region (France)". Working paper, in preparation.

Conference proceedings
- Henseler, M., H. Maisonnave and E. Salvatore (2025). "L'eau dans les modèles d'équilibre général calculable – une revue systématique". *Innovations*, hors-série HS1 (Forum de l'innovation 2025), p. 193. DOI: 10.3917/inno.hs1.2025.0193.

Research interests and ongoing projects

Research interests: water economics and management; CGE and RCGE modelling; regional climate-change adaptation; environmental macroeconomics; macroeconomic theory.

Ongoing projects:
- PhD project on integrated management of water uses, combining hydrological information and micro–macro modelling of water policies.
- Household survey on domestic water consumption habits (survey design, data collection and preliminary statistical analysis).

Teaching experience

2025–2026

Université de Rouen Normandie — L2 Economics, course *Marché et système de prix* (Markets and price systems)

Teaching assistant (tutorials) — 54 h
- Design and delivery of tutorials in microeconomics: production functions and productivity, isoquants, consumer theory, monopoly and Cournot duopoly/oligopoly, cost structures, welfare analysis.
- Preparation of exercise sheets, slides, mock continuous-assessment tests and final exams; drafting of detailed correction guidelines.
- Supervision of students during tutorials and exams; follow-up and individual feedback.

2024–2025

Université de Rouen Normandie — L2 Economics, course *Marché et système de prix* (Markets and price systems)

Teaching assistant (tutorials) — 64 h
- Tutorials covering core microeconomics for second-year students (markets, price systems, consumer and producer behaviour, market power).
- Co-preparation of teaching materials and continuous assessment with the course coordinators.
- Implementation of additional training sessions and mock tests to help students prepare for exams.

Academic service and leadership

Laboratory of Economics Rouen Normandie (LERN UR 4702), Université de Rouen Normandie
- *Temporary member of the laboratory council* (2025–present): participation in lab council meetings (scientific strategy, self-evaluation campaign, recruitment plans) and relay of information to the doctoral cohort.
- *Co-organiser of the LERN doctoral seminar and working groups* (2025–present): proposal and coordination of a cycle of doctoral seminars and associated skills workshops; organisation of regular (approximately bi-monthly) meetings where PhD candidates present ongoing work and discuss research issues.
- *Co-organiser of the LERN seminar* (2025–present): contribution to the identification and invitation of external speakers and coordination with the internal seminar organisers.
- *Member of the organising committee, Doctoriales du LERN* (19 June 2025): co-organisation of the doctoral workshop (scientific programme, logistics and communication). Committee: Enzo Salvatore, Rony Sidney, Vincent Iehlé.

Student mentoring (Parrainage étudiant), Université de Rouen Normandie
- Volunteer mentor in the university's student mentoring scheme (2024–2025 and 2025–2026), supporting undergraduate and master's students in their integration, academic choices and university life (one-to-one mentoring and participation in collective events).

Other professional experience

2019–2023

La Paillote — Deauville, France

Progressive responsibilities in seasonal work
- **Beach assistant (2019–2021):** set-up of sunbeds/umbrellas, customer welcome, beach service, raking sand and maintaining a clean working area.
- **Head waiter / section leader (2021–2023):** managing customer flow on the terrace and in the dining area, coordinating *commis*, prioritising orders and handling issues in real time.

- **Beach manager (2023):** operational management of beach service; organisation of equipment and space; task allocation; training and onboarding of new staff; ensuring fast and high-quality service.

Skills

- **Quantitative and modelling:** CGE and RCGE modelling, environmental and regional macroeconomic analysis, microeconomic modelling of markets and policies.
- **Software and programming:** R, Python, Julia, GAMS, QGIS, Microsoft Office, LaTeX.
- **Organisation and teamwork:** seminar and workshop organisation, coordination of doctoral working groups, experience in operational team management and staff training.

Languages

- French: native
- English: intermediate level
- Spanish: basic knowledge

Interests

Extreme sports, economic modelling, water and climate policies, music, filmmaking.