

POST-DOCTORAL RESEARCHER

Dr. Evangelos N. Dulufakis

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PROFILE

Post-Doctoral Researcher specializing in regional economic resilience, shift-share analysis, and EU programme management, with 25+ years of experience spanning engineering, research, and European co-financed project management. PhD from HMU on composite regional resilience index methodology for Greek NUTS II regions. Proven track record advising Commercial Chamber's presidents, leading EU projects (Interreg, MED, Horizon, Erasmus, NSRF,), and publishing in peer-reviewed journals.

PROFESSIONAL EXPERIENCE

Post-Doctoral Researcher – PRE-RESIL / DSS Project

Hellenic Mediterranean University (HMU) | Aug 2026 – Present

“From Diagnosis to Prognosis: Spatially Generative, Regime-Dependent and Predictable Regional Economic Resilience through an Intelligent, Modular Decision Support System (DSS)” – Greek/Mediterranean pilot (24 months). Supervisor: Dr Athina Bourdena, Assistant Professor

Dynamic composite resilience index (Shannon entropy + SHAP), spatial econometrics and graph neural networks, interpretable ex-ante forecasting (walk-forward backtesting), counterfactual DSS compliant with the EU AI Act (Art. 52)

Proof-of-principle for the ERC-2027 Starting Grant application “PRE-RESIL”

Innovation Hub Researcher / T.T. Office Support

Hellenic Mediterranean University (HMU) | Mar 2025 – Present

- Support of HMU's innovation and entrepreneurship ecosystem & Transfer Technology Office
- Transfer of know-how and innovative business ideas to students, academics, and SMEs
- Research on regional resilience, AI-augmented DSS, and EU policy instruments

PhD Researcher – Operational Research Lab

Hellenic Mediterranean University (HMU) | Mar 2022 – Jul 2026 (completed)

- Research on regional economic resilience: composite index construction, Shannon entropy weighting, AHC clustering, Martin Index decomposition
- Development of AI-REGIO project (MSCA PF 2026 application) integrating TFT/LSTM/XGBoost predictive models
- Participation in Horizon Europe (GREEN-EDGE) and Interreg proposals

Executive Advisor & EU Programmes Consultant

Lasithi Chamber of Commerce & Industry | Jun 2014 – Aug 2023

- Strategic advisor to the Chamber President on regional development and innovation policies
- Project Manager: GoBrand (Interreg VA Greece-Cyprus), iblue (Interreg MED), Open Mall Ag. Nikolaos (NSRF), CLLD-LEADER tourism info points, ESPA training programs

Senior Officer – EU Programmes

Cyprus Chamber of Commerce and Industry | Feb 2012 – Feb 2014

- Development and management of EU-funded projects (ERDF, ESF, Interreg IVA, MED, ENPI-MED)
- Project Manager: SYNERGO, SYNPRATTO, ECOFUNDING, FIREMED, STS-MED

Executive Advisor & EU Programmes Consultant

CONTACT

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RESEARCH AREAS

- Regional Economic Resilience
- Shift-Share Analysis
- Composite Index Construction
- EU Policy Evaluation
- Predictive Modelling (ML/AI)
- Spatial Econometrics

TECHNICAL SKILLS

- Python (Quantitative Analysis, TFT/LSTM)
- Excel / VBA (προχωρημένο)
- Statistics
- R (spatial analysis, Global/Local Moran's I Test)
- QGIS (Nuts II/III mapping, cluster visualization)
- MS Office / LaTeX

SOFT SKILLS

- Strategic thinking
- Team leadership
- Cross-cultural communication
- Proposal writing & management
- Academic writing & reviewing
- Mentoring

LANGUAGES

- Greek — Native
- English — C2
- French — B1

CERTIFICATIONS & ROLES

- Certified Trainer EKEPIS (#2292)
- Certified Trainer OAED (#15504)
- Energy Building Inspector (#23200)
- EFEPAE Project Evaluator
- IT Certificate i-skills BIT Standard
- Mentor — Region of Crete Innovation Observatory

KEY EU PROJECTS (PM)

- GoBrand (Interreg VA GR-CY)
- iblue (Interreg MED)
- SYNERGO (Interreg IVA GR-CY)
- ECOFUNDING (MED)
- STS-MED (ENPI-MED)
- Prometheus (IEE)

Heraklion Chamber of Commerce | Jun 2008 – Dec 2011

- Advisor to President; responsible for quality system (ISO 9001:2008) and safety
- Project Manager: Archi-Isles (Archimed), Prometheus (IEE), INNOVATE-MED, InnonauTICs, TEMA (MED 2007-2013)

Executive Advisor – President, Chambers' Group of Greek Isles

EOAEN – Chambers' Group of Greek Isles | Oct 2002 – Feb 2004 & Apr 2005 – May 2008

- EU project management: BEST RESULT (IEE), Interreg IIIA Greece-Cyprus, Promotion of RES in the Aegean islands

Quality Control Supervisor & Scientific Consultant

AKEK SA – Ceramic Industry | Dec 1997 – Dec 2000

- Administration of quality control lab; ISO 9001 implementation; patent applications to OBI

Researcher – Materials Science

FORTH / Institute of Electronic Structure and Laser (IESL) | Jan 1996 – Nov 1997 & Sep 2000 – Jun 2001

- R&D on In/Zn oxide thin films for gas sensing (ozone, CO, NO); DC Magnetron Sputtering; XRD characterization
- 6 publications in Phys. Stat. Sol., J. Appl. Phys. A, Sensors & Actuators B, Thin Solid Films

EDUCATION

PhD – Regional Resilience

Hellenic Mediterranean University (HMU) | May 2022 – July 2026

Thesis: 'Resilient Region: The Conceptual Framework in the Field of Application' — composite resilience index for 13 Greek NUTS II regions. Supervisor: Prof. G.J. Xanthos.

MBA for Engineers

Hellenic Mediterranean University (HMU) | Oct 2019 – Jul 2021

Grade: 8.96/10. Interdisciplinary program (Engineering & Business Administration).

Graduate Diploma – Mining & Metallurgical Engineering

National Technical University of Athens (NTUA) | Sep 1989 – Oct 1994

Specialization: Metallurgical Engineering. Thesis: Duplex stainless steels — structure, properties, and welding methods.

SELECTED PUBLICATIONS & CONFERENCES

- Dulufakis E., Xanthos G., Konteos G., Sariannidis N. (2026). Assessment of Adaptive Economic Resilience of Greek Regions. *Romanian Journal of Economics*, 62(1), 250–262.
- Dulufakis E. et al. (2024). A Systematic Bibliometric Analysis to Measure Regional Economic Resilience. *JEBMR*, 3(1), 612–631.
- Dulufakis E. et al. (2023). Measurement Approaches of Regional Economic Resilience: A Literature Review. *Regional Science Inquiry Journal*, XV(2), 47–59.
- Xanthos G., Konteos G., Sariannidis N., Dulufakis E. (2025). Assessment of Adaptive Economic Resilience of Greek Regions. *RESILNAT-3C 2025*, Bucharest, Romania.
- Dulufakis E. (2024). Demographic Changes and Economic Effects in the Balkan Peninsula 1960–2022. 23rd Conference of Hellenic Association of Regional Scientists, Heraklion.
- Dulufakis E. (2022). Changes in the Boudeville Typology of Greek Administrative Regions 2000–2028. 22nd Conference of Hellenic Association of Regional Scientists, Grevena.
- Drakaki, E., & Dulufakis, E. N. (2026). Regional inequalities and the development model in Greece, 1974-2024: a Political Economy approach. 24th Scientific Conference of the Hellenic Association of Regional Scientists, 6-7 November 2026, NKUA, Athens. Abstract accepted; full paper submitted 6 September 2026.

- INNOVATE-MED (MED)
- InnonauTICs (MED)
- BEST RESULT (IEE)
- ClusTECH (Interreg VIA GR-CY)