

Vassilys Fourkas, PhD

Senior Expert

Sustainable Urban Development | Transport Infrastructure | Monitoring & Evaluation

Professional Summary

Civil Engineer (MEng, PhD) with more than 25 years of professional, academic and research experience in sustainable urban development, transport infrastructure, spatial planning and policy evaluation. Specialist in monitoring & evaluation systems, KPIs, sustainability impact assessment, knowledge transfer & capacity building, and evidence-based decision-making for public policies and infrastructure investments. My work combines transport engineering, spatial analysis and environmental assessment to support strategic investment decisions, territorial cohesion, infrastructure resilience and sustainable mobility throughout the infrastructure lifecycle. Extensive experience in technical leadership, performance monitoring, strategic advisory and institutional capacity building, supporting local, national and European policies for sustainable transport and urban development.

Core Expertise

- Sustainable Urban Development
- Transport Infrastructure
- Sustainable Urban Mobility
- Climate Adaptation & Urban Resilience
- Monitoring & Evaluation Frameworks
- Key Performance Indicators (KPIs)
- GIS & Spatial Analysis
- Impact Assessment & Territorial Impact Assessment (TIA)
- Policy Evaluation
- Transport Safety & Railway Interoperability
- Stakeholder Engagement
- Capacity Building & Professional Training

Selected Professional Experience

Transport Infrastructure Performance & Evaluation: Development and implementation of monitoring and evaluation systems, KPI frameworks and socio-economic, environmental and territorial impact assessment for one of Europe's largest TEN-T motorway projects (Egnatia Odos SA)

Railway Infrastructure Management: Planning, supervision, asset management, transport safety, railway interoperability and infrastructure performance (Hellenic Railways SA).

Academic Teaching & Research: University teaching, research and curriculum development in spatial planning, urban development and European spatial policies (Aristotle University of Thessaloniki).

Professional Training & Capacity Building: Professional training for public sector executives on SDGs, climate resilience, sustainable mobility and smart cities (Greek National Centre for Public Administration, EKDDA).

Selected Projects

- Egnatia Motorway Observatory – Monitoring & Evaluation System
- Impacts of the E65 Motorway (University of Patras / Kentriki Odos)

- Railway Infrastructure Performance & Asset Management
- European Territorial Cooperation initiatives
- Spatial Planning & Metropolitan Governance research
- Sustainable Urban Mobility and SUMP-related activities
- Climate Adaptation and Urban Resilience training programmes
- Agenda 2030 / SDGs implementation and capacity building

Typical Contribution to EU Consortia

- Proposal Development
- Work Package Leader
- Evaluation Framework Design
- Monitoring & Evaluation Expert
- Impact Assessment Expert
- Transport & Mobility Expert
- Policy Integration & Local Adaptation
- Stakeholder Engagement
- Capacity Building
- Knowledge Transfer

Thematic Interests

Driving Urban Transitions (DUT), Horizon Europe, Interreg, EUI, Sustainable Urban Mobility, Climate-neutral Cities, Urban Resilience, Digital Urban Transitions, Nature-based Solutions, Circular Urban Development, Urban Governance, Evidence-based Decision Making.

Contact

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