Applied Political Economy of Innovation, Governance and Policy Analysis

Leaflet

Dr. Serdar Türkeli, UNU-MERIT

e-mail: turkeli@merit.unu.edu

March, 2020
Course Description

Ideas precede the use of (quantitative and/or qualitative) data and methods (which in turn influence the ideas) in policy analysis and critique. In this PhD level course, the participants will broaden their (ontological, epistemological and methodological) ideas, (analycentric, neo-positivist, critical–rationalist) interests, and knowledge base in contemporary policy analysis with the introduction and elaboration of the post-positivist (critical-theoretical, forensic, participatory, argumentative) turn in policy analysis and critique. In order to put futures of policy analysis and critique in post-positivist policy (re)design and implementation perspectives for (inter)national and local policy (research) organizations, the course will provide comparative readings on the political economy of innovation and governance, and will call for discussions and group debates. The empirical and applied methodological module will scrutinize four methods (fs-QCA, Q-Method, SEM PLS, and ISM MICMAC) and post-positivist policy analysis and critique approaches within 12 themes. These are Building-integrated photovoltaics (BIPV) systems, Innovation alliances in Biotech SMEs, Russian Federation construction innovation systems, Layers of co-existing innovation systems, Collaborative innovation networks, Supply chain knowledge flow enablers, Knowledge transfer, Risks prioritization in global supply networks, Innovation failure, Plurality in understandings of innovation, sociotechnical progress and sustainable development, Environmental regulation, Gender gap, and Democratic subjectivities in network governance. The course will be finalized with a workshop on game-theoretic Q-methodology application on political economic system design for high performance education and innovation policies by using data from Sustainable Governance Indicators. Final expectation is a frame-reflective and frame-critical text written on policy research, impact and action.

Reading List

Politcal Economy of Policy Analysis


Political Economy of Innovation


Political Economy of Governance


**Comparative Methods:** QCA (Comparison of Cases as configuration of conditions); Q (Comparison of Perspectives based on subjectivities); PLS (Comparison of Paths via Latent Constructs); MICMAC (Comparison of indicators by human experts)


