

EXPLORING THE NEXUS OF DIGITAL AND SUSTAINABLE ECONOMIES IN DEVELOPING STATES

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AIMS AND SCOPE

The main aim of the "Special Section: Exploring the Nexus of Digital and Sustainable Economies in Developing States" is to investigate and understand the synergistic relationship between digitalisation and sustainable economic development in developing countries. This involves examining how digital technologies can be leveraged to drive sustainable growth, improve efficiency, and address economic, social, and environmental challenges specific to these regions.

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LIST OF ORGANIZERS

Adriana AnaMaria Davidescu is a Full Professor at the Department of Statistics and Econometrics, Bucharest University of Economic Studies, Romania. She is the Head of the Data Science Research Lab, specialising in applications for business and economics, and a senior researcher at the Department of Labour Market Policies of the National Scientific Research Institute for Labour and Social Protection. With over 17 years of experience in socio-economic research, she has been deeply involved in various analytical pursuits. For over 17 years, she has delved into informality issues at both national and international levels. She has led various national research projects and served as a senior expert for the European Commission, specifically for the European Platform that addresses Undeclared Work.

Prof. Davidescu possesses extensive expertise in the evaluation of public projects and programs. Her prowess in project team management is evident, having coordinated more than 14 national projects and played a pivotal role as a senior expert in over 50 national and international endeavours. She has showcased her expertise in counterfactual methods during the assessment process, especially in empirically testing causal chains in interventions related to the Operational Program Competitiveness 2014-2020 Evaluation Plan, the Human Capital Operational Program 2014-2020 Evaluation, and the Partnership Agreement Evaluation Plan. She held the esteemed position of a modelling key expert. She served as the team leader for the Operational Program Competitiveness 2014-2020 Evaluation Plan, focusing on evaluating POC interventions in research, development, and innovation. Additionally, she was a senior modelling expert, instrumental in assessing the impact of interventions for both the Human Capital Operational Program 2014-2020 Evaluation Plan and the Partnership Agreement Evaluation Plan, with an emphasis on economic, social, and territorial cohesion.

Vasile Alecsandru Strat is the Dean of the Bucharest Business School, the most important university-level business school in Romania, dedicated to the education of managers (executive education). Vasile Strat is also a PhD associate professor in the Department of Statistics and Econometrics within the Bucharest University of Economic Studies. He is also a graduate of the prestigious Executive MPA from the Hertie School of Governance in Berlin. At the same time, Vasile Alecsandru Strat is vice-president of CNSPIS and director or team member of several national and international research projects financed either through the Horizon 2020 grant or through collaborations with local business organizations. He also has notable experience in technical assistance, monitoring and evaluation of public policies and programs. His experience is focused in many key sectors, such as regional development, agriculture and rural development, competitiveness, human resource development, including employment, social inclusion and education.

CONTACT



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TOPICS OF INTEREST

The special session for ICDEc 2024 call for papers invites contributions on topics including but not restricted to the following themes:

1. Analyzing Causality vs. Correlation for Sustainable Development
2. Machine Learning Techniques for Causal Inference in Digital Economies
3. The Role of Digital Innovation in Achieving Sustainable Development Goals in Developing Countries
4. Temporal Causality in Time-Series Data for Anticipating Technological Trends in Developing Economies
5. The Role of AI in Identifying Causal Relationships in Technological Innovations
6. Utilizing Causal Inference Techniques in AI to Drive Sustainable Innovation
7. Understanding Market Dynamics through AI-Driven Causal Analysis
8. Strategies for Bridging the Digital Divide to Foster Sustainable Development
9. Strategies to Integrate the Shadow Economy into the Formal Sector in Achieving Sustainable Development Goals in Developing Countries
10. Analyzing the Interaction between Digitalisation and the Shadow Economy in Sustainable Development Efforts
11. Bridging the Gap: Leveraging Digital Tools to Integrate Informal Sectors into Sustainable Economic Frameworks
12. Assessing the Social Implications of the Shadow Economy in the Digital Transformation of Developing Economies

PLANNED PAPERS

- Toward Sustainability: Bibliometric Analysis of Shadow Economies in National and Regional Contexts. (Author: Diana Agafitei)
- Quantifying Research Trends in Digitalization and the Shadow Economy: A Combined Systematic Review and Bibliometric Study. (Author: Diana Agafitei, Adriana AnaMaria Davidescu, Margareta Florescu)
- Beyond the Visible: Incorporating Shadow Economy into Sustainable Development using PLS methodology. (Author: Eduard Mihai Manta, Adriana AnaMaria Davidescu)
- Digital Disparities: Assessing the Impact of the Digital Divide in Informal Markets. (Author: Adriana AnaMaria Davidescu, Rim Jallouli, Diana Agafitei, Vasile Alecsandru Strat, Eduard Mihai Manta)

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