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# AGENDA

## 4<sup>th</sup> Workshop Advanced Panel Data Modelling using Stata

September the 17th, 2024

Time: 09.00 AM - 12.00 AM

**Organised within the Project:** Economics and Policy Options for Climate Change Risk and Global Environmental Governance (ACRONYM: EPOC)

**Venue:** Lab. 205, Pestalozzi Street no. 16, Faculty of Economics and Business Administration,  
West University of Timișoara

[www.epoc-pnrr.uvt.ro](http://www.epoc-pnrr.uvt.ro)

## Event Scope

We cordially invite you to participate in our next workshop, which aims to provide new opportunities to study the state of knowledge in the field of science.

## Description

The Workshop offers participants in deep understanding, interpreting and reflection on the information related to a science domain.

The workshop sets the principles, general framework and fundamental credentials of specific research methods in economics and business administration, with a keen focus on quantitative research methods and advanced panel data econometric modelling techniques.

The workshop activities are designed to generate networking opportunities to expand and structure professional networks within the research community.

## Participants

Participants (Students, Master Students, PhD students and Post-doctoral researchers) within the project “Economics and Policy Options for Climate Change Risk and Global Environmental Governance (ACRONYM: EPOC)” target group will benefit from this event. Other participants are also expected.

The workshop allows a maximum number of 30 participants. All workshop participants must register for the event in due time.

## Event Highlights

- Modelling economic and managerial specific/tailored settings
- Apply particular algorithms in approaching current economic and business issues
- Compare and contrast quantitative and qualitative research methods
- Implement specific quantitative research methods
- Apply sampling methods, measurement scales and instruments

## General programme

The workshop is scheduled for the 17th of September 2024 and is structured to span 3 hours of scholarly engagement, commencing around 09:00 am and concluding by approximately 12:00 pm.

### Tuesday, September the 17th

<b>08:30 – 08:45</b>	Registration
<b>08:45 – 09:00</b>	Welcome speech, Project presentation, Workshop presentation
<b>09:00 – 12:00</b>	<b>Presentation/Debates</b> <b>Grațîela Georgiana NOJA</b>  1.1 Introduction to econometric modelling using Stata  1.2 Research design and operationalization of concepts  1.3 Measurement, sample selection (randomising and sampling), and causal modelling.  Working with data (specific datasets)  1.4 Panel data models <ul style="list-style-type: none"><li>• Fixed effects models (FE – Fixed Effects), LSDV</li><li>• Random effects models (RE – Random Effects), ECM</li><li>• Dynamic models</li><li>• Distributed lags models</li></ul>
<b>12:00 – 12:15</b>	Closing ceremony