

EIZ Seminar

Dear Madam/Sir,

We hereby cordially invite you to attend an EIZ Seminar on **Monday, September 15, 2025**, at **2:00 p.m.**, at the **Institute of Economics, Zagreb**, where **Cihan Çalıkoğlu** (Poznań University of Life Sciences, Poland) will deliver a lecture entitled

Multidimensional Assessment of SDI and HDI in EU Countries Using Topsis and Bilinear Ordering

Summary

The lecture is based on the paper *Multidimensional Assessment of SDI and HDI in EU Countries Using Topsis and Bilinear Ordering*. A study by Çalıkoğlu and Łuczak (2024) assesses how the Human Development Index (HDI) relates to a newly developed Sustainable Development Index (SDI) in EU countries using TOPSIS for calculating the SDI and bilinear ordering for a two-dimensional visualization of countries. Spearman's rank correlation revealed a strong positive correlation between HDI and SDI. The study showed that while Northern and Western European countries generally performed well, Eastern and Southern countries faced more challenges, indicating a need for tailored development strategies.

About the lecturer

Cihan Çalıkoğlu is a PhD candidate in Economics at the Poznan University of Life Sciences, Poland. His thesis examines Agriculture and Rural Development in Turkey with support from the EU IPARD program. He lectures on Agri-Food Policy to international students, combining academic insight with practical industry experience. He has recently submitted a paper on Doughnut Economics, focusing on distances from ecological and social thresholds to evaluate countries' progress toward a safe and just space.

Cihan Çalıkoğlu is a visiting scholar at the Institute of Economics, Zagreb, in the period from July 21, 2025, to September 20, 2025.