



**Bucharest University of Economic Studies
Doctoral School of Economics I**

Lecture: Renewable Energy and Sustainability: A Shared Vision for the Future

November 24th, 2025, 9:00AM
ROOM: 3221, 2nd floor, Mihail Moxa 11

Guest speaker: Dr Hakan POLATCI

Tokat University, Turkey

BioData: Assoc. Prof. Hakan POLATCI, PhD

Dr. Polatci is an academic at Tokat Gaziosmanpaşa University, Turkey, specializing in renewable and sustainable energy systems. His research focuses on the development of innovative solutions in heat pump and drying technologies, with an emphasis on energy efficiency and sustainability.

About the lecture:

Renewable energy is a key driver of sustainability, helping to reduce carbon emissions, protect the environment, and promote economic growth. Sustainability involves balancing environmental protection, social equity, and economic development so that the needs of present and future generations are met. Renewable energy sources such as solar, wind, hydro, biomass, and geothermal not only provide clean electricity but also create new jobs, reduce dependence on imported fossil fuels, and stabilize energy costs over time.

In Turkey, major renewable projects include the Karapınar Solar Power Plant in Konya, the İzmir Wind Corridor, and the Kızıldere Geothermal Plant in Denizli. These projects contribute to local employment, energy security, and economic development. Romania has also invested heavily in renewable energy, with examples like the Fântânele–Cogealac Wind Farm, Giurgiu Solar Park, and the Iron Gates Hydroelectric Plant, which support both energy production and economic growth.

Overall, both Turkey and Romania demonstrate that renewable energy is not only environmentally beneficial but also economically advantageous, fostering sustainable development and strengthening local economies.