Session Program

Oct 29 – 31, 2026

The 7th International Climate Change Conference (CI2C-2026), Essaouira (Morocco)

Thematic Session 1 - Artificial Intelligence, Remote Sensing and Climate Intelligence

Essaouira, Morocco, Municipal Library of Essaouira
Av. Lalla Aicha, Essaouira

Thu, October 29

1:45 PM

Thematic Session 1 - Artificial Intelligence, Remote Sensing and Climate Intelligence

Session | **Location:** Municipal Library of Essaouira, ARGANA

1:45 – 2:00 PM

Mapping Argan Tree Density to Support Forest Carbon Stock Assessment in Essaouira Province, Morocco: An Integrated Remote Sensing and YOLOv8-Based Deep Learning Approach

Speaker
Dounia AZWAQ

2:00 – 2:15 PM

A Multi-Source Remote Sensing and Machine Learning Framework for Aboveground Carbon Stock Mapping in Mediterranean Reforested Forests

Speaker
Youssef HARDA

2:15 – 2:30 PM

Machine Learning for Evapotranspiration Prediction in Water Resources Management: Recent Advances, Challenges, and Future Perspectives

Speaker
Mohamed IKANBANE

2:30 – 2:45 PM

Evaluation of Epidemiological Forecasting Models for Potato Late Blight under Moroccan Semi-Arid Conditions: Towards a Hybrid Machine Learning-Based Decision Support System

Speaker
Meryem GHANEM

2:45 – 3:00 PM

Coastal Flood Susceptibility Mapping in Essaouira, Morocco: An Integrated GIS and Machine Learning Approach

Speaker
Ms Chaimaa EL KIHAL

3:15 PM