DTT4SD PROJECT

DTT4SD

Co-funded by the European Union (Erasmus+)

WORKSHOP ON DIGITAL TWINS FOR SUSTAINABLE DEVELOPMENT

Foundations, Geospatial Mapping and Predictive Modelling



ABOUT DTT4SD

Developing Higher Education on Sustainable Development and Social Responsibility Using Digital Twin Tools

WORKSHOP OBJECTIVE

Learn digital twin foundations through hands-on geospatial mapping and predictive machine-learning.

CONSORTIUM PARTNERS

University of Jendouba/ESIM • University of Zagreb • OIKON Ltd • University of Twente • University of Carthage/INAT • CRTEAN • IAV Hassan II • Ibn Tofail University • Fayoum University • IRESA

ORGANISED BY

جامعة جندوبة
University of Jendouba

University of Jendouba

SCAN TO REGISTER

Free Registration

IMPORTANT INFORMATION

DATE
10 November 2026

TIME
08:30 – 17:00

PROGRAM HIGHLIGHTS (08:30 – 17:00)

- **Introduction** to Digital Twins & Core Technologies
- **Technologies, Data and Models for Digital Twins**
- **Digital Twins in Practice:** From Model to Shadow to Twin
- **Hands-On 1:** Mapping Urban Heat Islands (Satellite Thermal Imagery)
- **Hands-On 2:** ML Time-Series Forecasting in Python
- **Plenary Discussion:** Designing the DTT4SD Curriculum

KEYNOTE SPEAKERS & EXPERTS



Željko Bačić
University of Zagreb (Croatia)



Fatma Trabelsi
ESIM (IRESA/University of Jendouba) (Tunisia)



Mahdi Khodadadzadeh
University of Twente (Netherlands)



Iva Odak
OIKON Ltd (Croatia)



Bruno Ćaleta
OIKON Ltd (Croatia)

www.dtt4sd.eu

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