

Project EcoMinds

2024-1-HR01-KA220-HED-000245495

WP3 – Training and Exchange of Expertise for Education Staff

Zadar, 30 June – 4 July 2025

University of Zadar

Location: Zadar, Put Stanova 1A, Novi Studentski dom

Programme

Monday (30 June 2025)

- 11:00 – 12:00 // *Arrival and registration of participants*
- 12:00 – 12:15 // *Opening speech – Unizd*
- 12:15 – 13:30 // *Round table: **Green and Digital competencies***
- 13:30 – 15:00 // *Lecture 1 – **AI based data processing in environmental monitoring. Challenges of the crisis times from scientific and academic perspective**; Z. Kornivea, O. Demydenko, Y. Sulema, KPI*

Tuesday (1 July 2025)

- 09:00 – 17:00 // *Research visit to NP Krka and shellfish Platforma 22*
- 09:00 – 17:00 // *Lecture 2 – **The importance of monitoring, collecting and analysing environmental data in shellfish farming**; T. Šarić, I. Župan, UNIZD*

Wednesday (2 July 2025)

- 09:00 – 10:30 // *Lecture 3 – **Foundations of Environmental Data Collection and Storage: From Sensors to Databases**; M. Kalendar, D. Efnusheva, K. Nelkovski, FEIT-UKIM*

- 10:40 – 12:10 // Lecture 4 – *Challenges with BigData and storage formats in environmental data collection*; M. Pavelić, VUS
- 12:10 – 13:00 // Pause
- 13:00 – 14:30 // Lecture 5 – *Next-Gen Learning: Environmental Data Management with Oracle Always-Free Autonomous DB*; F. Urem, VUS
- 14:40 – 15:30 // Lecture 6 – *DB Repo – Research Data Repository supporting Relational Databases and FAIR data*; M. Weise, TU Wien

Thursday (3 July 2025)

- 09:00 – 10:30 // Lecture 7 – *Making Sense of Data: The Role of Descriptive Statistic in Environmental Machine Learning Education*; F. Urem, VUS
- 10:40 – 12:10 // Lecture 8 – *Introduction to Machine Learning for Environmental Analytics*; G. F. Italiano, B. Sinaimer, A. Mpanti, LUISS
- 12:10 – 13:00 // Pause
- 13:00 – 14:30 // Lecture 9 – *Advanced Machine Learning*; G. F. Italiano, B. Sinaimer, A. Mpanti, LUISS
- 14:40 – 15:15 // Internal project meeting

Friday (4 July 2025)

- 09:00 – 10:30 // Lecture 10 – *Exploring Moodle through the EcoMinds LMS: A Practical Guide for Digital Learning*; M. Urbanija, VEGOVA
- 10:40 – 12:10 // Lecture 11 – *Learning Analytics*; I. Peraić, Unizd
- 12:10 – 13:00 // Pause
- 13:00 – 14:30 // Internal project meeting

Project partners

VUS – Polytechnic of Šibenik; LUISS – LUISS Guido Carli; UNIZD – University of Zadar; KPI – National Technical University of Ukraine Igor Sikorsky Kyiv Polytechnic Institute; FEIT-UKIM – Ss. Cyril and Methodius University in Skopje; VEGOVA – The Upper-Secondary School of Electrical and Computer Engineering and Technical Gymnasium