THEME 5
KNOWLEDGE TRANSFER

WP15 AND WP16 MID TERM REVIEW PRESENTATION

Supporting environmental research with integrated solutions
- the Earth is our lab
WP15: TRAINING, E-LEARNING AND COURSES

Main objective: "to organize and develop concrete training programs"

- Task 15.1 [CU, EGI.eu]: Teaching RI operators key skills
- Task 15.2 [UniTromsø, CNRS/NILU]: Training workshops on Time series analysis
- Task 15.3 [UvA]: RI management training
- Task 15.4 [UniSalento, INGV]: Development of training packages for the use of Environmental Research Infrastructure products
- Task 15.5 [INGV, UniSalento]: Secondary School level education on environmental issues related to the RIs
Main objective: to facilitate the exchange of knowledge among staff working in RI’s or related to the implementation of new RI’s.

- T16.1 [UniHB, UniTromsø]: Experience sharing symposia for RI staff
- T16.2 [UniHB, UniTromsø]: Staff exchange program
MAIN OUTCOMES

- Training platform
- Applications based on the training platform
- Collection of other results
- Exchange of Personnel
Welcome to the ENVRI community Training platform

Available courses

Navigation
- Dashboard
  + Site home

ENVRI Project
Project Number: 654182
TRAINING PLATFORM CONTENT

- Specific training for different communities
- Training sessions developed by EGI for T15.1
- Training on the Reference Model developed by CU for T15.1 and Theme 2
- Serious game for secondary schools (T15.5)

- Helpdesk/Sustainable organisation

Available courses:

- Partitioning and mixed models for biodiversity analysis in R
- Species Distribution Modelling (SDM)
- The spatially explicit metapopulation model - Incidence Function Model
- DIRAC system for EGI communities
- Workflow applications on EGI with WS-PGRADE
- The EGI Open Data Platform - Towards Scientific Data Hubs
- Interviews
- Practical Introduction to the ENVRI RM
COLLECTION OF OTHER RESULTS

Training for management staff (T15.3)

Scientific Game for high schools (T15.5)

Questionnaire for high school teachers (T15.5)

Time Series Conference (T15.2)
Four eligible EoP proposals have been funded:

- **Drone technology** EoP involving ANAEE, JERICONEXT and GROOM
- **Science and communications staff** EoP involving ICOS and EuroGOOS
- **Coastal station** EoP involving JERICONEXT and ICOS
- **Seismic data integration** EoP involving FixO3, EMSO and EPOS

- Presentations in ENVRIweeks during separate symposia (T16.1)
Corrective actions to improve EoP attractivity:
- Amendmend of DoA: allows applications from outside ENVRIplus in the 2nd call
- Adoption of Eligibility criteria according to the amendment
- EoP participants present their results in ENVRIweeks
- Unilateral EoP now also favored
- Promote the EoP program also for training and implementing project results
DELIVERABLES & MILESTONES (M1-M24)

• D15.3 : Joint plan of action between the INFRASUPP-3-2014 project and ENVRI-PLUS [24] ✓
• D15.4 Report on available training/courses on the use of data processing tools from the existing RI's and the priorities for using these in a transversal platform [18] ✓
• D15.6 : Training course for teachers [24] ✓
• D16.1: Eligibility criteria document [6] ✓

• MS8: First RM training sessions completed [12] ✓
• MS3: Eligibility criteria document for Staff exchange [6] ✓
DELIVERABLES AND MILESTONES M25-M48

- **D15.1 [M30, CU]** Training materials, suitable for both classroom and elearning use. **On track**, first material online, syllabus outline defined.

- **D15.2 [M48, CNRS]** Materials from the second timeseries conference including tutorial and handbook on the second timeseries conference. **No developments**.

- **D15.5 [M36, UniSalento]** EeTP E-Learning, description of implementation of new functionalities **On track**, work will start in the coming months.

- **D16.2 [M46, UniHB]** Synthesis report on staff exchange and how this service can be sustained by RIs? **On track**.


- **MS33 [M40, UniSalento]** e-Training material and TED-like seminars **On track**, video's recorded, agreement procedure initiated.
Extend the Training platform with content (Theme2, Theme4, others)

- [T15.1] CU for the reference model (1 module available, at least 6 others in development until M30)
- [T15.1] EGI for e-infra training (follow up from D15.4 outcomes)
- WP14 for Citizen observation platforms, Deep Sea Spy
- Aquacosm with app game for children

RISK: Platform incompatibilities

- D15.5 with requirement list
- Helpdesk

- [T15.2] Organize the second time series conference (Done by NILU, focus on Atmosphere)
- [T15.2] publication of a special issue on Time Series
WAY FORWARD II

[T15.3] Do the Management training workshop (M36)

RISK: Lack of participation

• Start promotion and contact with RI's from now on
• Funding available for travel

[T15.5] Extend the scientific game to other domains (Marine and Solid Earth being developed)

RISK: Not funded within the project

• Already intrinsic interest from Marine domain
• Creation of new instances made easy

[T15.5] Finalize the training for high-school teachers on the training platform

RISK: involvement of the RI's (questionnaire)

• We have already >70 responses from teachers

WP16 Organize Exchange of Personnel to implement project results