ASSEMBLE+
ASSOCIATION OF EUROPEAN MARINE BIOLOGICAL LABORATORIES EXPANDED

FAIR data: good data management for long-term biological and omics datasets from marine

A workshop on FAIR data, good data management, and creating data publications, with a focus on the ASSEMBLE Plus marine biological stations with long-term biological and omics datasets

Date: June 13 9am — June 14 3pm
Location: VLIZ, Wandelaarkaai 7, Ostend, Belgium (http://www.vliz.be/en/how-reach-vliz)
Website: http://www.assembleplus.eu/FAIRworkshop

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DAY1

Welcome and "laying down the landscape" (9:00 – 10:30)

- General introduction Katrina Exter (VLIZ) *Round-the-table introduction* 10 min
- FAIR data principles Dan Lear (MBA) 20 min + questions
- Marine data management and the European marine data landscape: an introduction Dan Lear (MBA) 20 min + questions
- Marine data management in Assemble+ and EMBRC Katrina Exter (VLIZ) 20 min + questions

Coffee (10:30 – 11:00)

Making marine data Findable (part 1) (11:00 – 12:30)

- Why care about metadata? Katrina Exter (VLIZ) 20 min
- The IMIS metadata catalogue The VLIZ team *A demonstration followed by a hands-on session* 70 min

Lunch (12:30 – 13:30)

Making marine data Findable (part 2) (13:30 – 14:15)

- Hands-on with "your" IMIS metadata records The VLIZ team

Making marine data Interoperable Parallel sessions (14:15 – 16:45) with coffee between 15:30 and 16:00

- Long-term biological datasets session Paula Oset Garcia (VLIZ) *Presentation and exercises on making data interoperable*
- Omics session Ivaylo Kostadinov (GFBio e.V) via remote session. *Standardisation and publishing for omics data*

Making marine data Accessible (part 1) (16:45 – 17:15)

- Archiving in the marine archive landscape Dan Lear (MBA)

Debriefing (17:15) (Discussion of the day and gathering any specific requests for day 2)

DAY2

Making marine data Accessible (part 2) (09:00 – 10:00)

- Presentation on the Marine Data Archive Katrina Exter (VLIZ) 15 min + questions
- Hands-on with "your" IMIS metadata records *and* MDA datasets The VLIZ team 40 min

Making data re-usable (10:00 – 11:00)

- Why (and how to) make your data re-usable? Katrina Exter (VLIZ) 15 min + questions
- The added benefit of having interoperable data: building EU-wide data products and applications Lennert Schepers (VLIZ) 40 min

Coffee (11:00 – 11:30)

Creating data papers (11:30 – 12:00)

- Creating a data paper Jonas Mortelmans (VLIZ)

The future (12:00-12:30) Klaas Deneudt (VLIZ)

- Data Management Plans, EOSC, and the future data landscape
- Discussion on data management in ASSEMBLE Plus, and workshop feedback

Lunch (12:30 – 13:30) and then free session until 15:00

Note: depending on the requests from the participants, *The future* session may be moved to after lunch to allow an hour for specifically-requested subject(s) to be covered before lunch.

Directions

Take the free ferry (the "Vloot" service) across to VLIZ. The Wandelaarkaai is undergoing renovations and there will be trucks and people digging up the road. Exit the ferry and walk up the fixed ramp, then turn immediately right to go alongside the car park. At present you can walk around the right side of the building behind the parked cars (cars enter via that same way). Once past the building, VLIZ is in the long low buildings in front of you. The road in front of VLIZ is being dug up, so you have to make you way over a mess of stones and go through the small gap in the the works fencing to get to the entrance. (You will see lots of bikes parked there.) The VLIZ entrance (a double door) is the first one on the left. Once inside, you should identify yourself at the desk. To get to the room where the w/s is taking place (Training Room 1) you should go up the stairs, turn right, go through 3 offices, up a short flight of stairs through another office, down a same short flight of stairs, through a door, and TR1 is immediately on your right.