



## **Agenda LifeWatch marine thematic technical workshop**

Location: Crete, Heraklion, Gournes, Hellenic Centre for Marine Research (HCMR)

Date: 3rd June - 5th June 2014

Aim: Connecting the marine data systems and workflows that are being developed and hosted by several of the LifeWatch partners. By putting the focus on the marine domain we hope to have very targeted discussions on the required developments for the construction of a marine virtual laboratory within LifeWatch.

### **Agenda:**

Tuesday 3<sup>rd</sup> June, 10:00-17:00

1. **Talks on systems and used services supporting marine biodiversity use cases, with a focus on the field of species traits, species distribution and taxonomy.**
  1. The Micro B3 Information System: Data Management for large-scale sampling campaigns and linking up with European infrastructures. (**Renzo Kottman**)
  2. Biovel workflows and their contribution to a marine virtual lab. (**Matthias Obst**)
  3. From services to workflows and back - experience and lessons learned (e.g. how to make services fit for workflows, workflow developers perspective on services, translate research demands into workflow and service development). (**Matthew Cherian**)
  4. Lifewatch.be portal, services, use cases and marine Biovel workflows. (**Filip Waumans, Lennert Tyberghein**)
  5. Swedish Lifewatch portal and citizen science system. (**Oskar Kindvall**)

6. LifeWatch Greece contributions to a marine virtual lab and ViBRANT: small pieces loosely joined. (**Christos Arvanitidis**)
7. LifeWatch taxonomic backbone: more than names. (**Francisco Hernandez**)
8. Polytraits, a database on biological traits of polychaetes. (**Sarah Faulwetter**)
9. Plankton dimension traits & plankton bio-imaging portal. (**Nicola Fiore**)
10. Biodiversity.aq, towards an Antarctic virtual laboratory. (**Anton Van De Putte**)
11. High quality species observation data (OBIS QC), species distribution modeling pipeline and expected applications and data products. (**Lennert Tyberghein**)
12. Collaborative scientific platforms for accessing, processing and validation of observation and biosensor data. (**Francisco Hernandez, Klaas Deneudt**)

Wednesday 4th June, 9:30-17:00

13. **Alex Hardisty: LW construction plan**
14. **Schematic overview of presented systems and contribution to a marine virtual laboratory.**
15. **Discussion on supported and unsupported use cases and availability of appropriate resources, services and interfaces.**  
Identifying quick wins by increased interlinking of systems and fine-tuning input and output of services. Identifying unsupported use cases and challenges and gaps in resources, services, interfaces.
16. **Drawing up general construction plan: objectives, tasks and planning.**
17. **Identifying working groups for detailed planning and tackling of technical issues.**

Thursday 5<sup>th</sup> June, 9:30-16:00

18. **Working group session on planning and tackling of technical issues.**

**19. Plenary summary of progress and outcome of working groups.**

**20. Future perspectives and closing of the meeting.**