

## The Research Infrastructure DiSSCo-Italy and the PNRR ITINERIS project: advancements, results and prospects

Final conference of the UOs DiSSCo-ITINERIS

17-18 June 2025

Institute of Marine Sciences (CNR-ISMAR)  
Venice

### Tuesday, 17th June

10.00 - 10.30 Registration of participants and welcome coffee

10.30 - 10.45 Welcome

#### Session 1: The natural science collections: history, value, new technologies and policies

10.45 - 11.15 *Invited lecture: Barbagli F. (President ANMS) - Natural Science Collections in Italy: between Scientific Interest and Social Value*

11.15 - 11.30 Checchi L. - ITINERIS digitization led by UNIFI-SMA: a pilot experience to promote the mobilization of data from Italian NHCs holding institutions

11.30 - 11.45 Fornaro E. - Digital infrastructures and FAIR standards for the management and valorization of plant genetic resources: experiences from the documentation system of the CNR-IBBR germplasm bank

11.45 - 12.00 Cislighi S. - Naturalistic slide collection of Italian Ephemeroptera: the value over time

12.00 - 12.15 Di Russo E. - ISMAR Collections, from the specimen to the dataset

12.15 - 12.30 Giordano L. - Linosa Island: from priority benthic habitat to museum collection

12.30 - 13.00 Questions and discussion

13.00 - 14.00 *lunch*

#### Session 2: The importance of RI DiSSCo in the study of functional biodiversity

14.00 - 14.30 *Invited lecture: Rosati I. (Technologist CNR IRET) - The study of functional biodiversity: challenges and opportunities*

14.30 - 14.45 Papa L. - The digitization as an opportunity to share biodiversity data of natural science collections at the CNR-IRSA of Taranto

14.45 - 15.00 Tumolo M. - Preserving the “seed of resilience”: mobilising Plant Genetic Resources

15.00 - 15.15 Buffagni A. - Data on the Italian mayfly (Ephemeroptera): a basis for detecting subtle changes in river ecosystem function

15.15 - 15.30 Maggiore F. - Dese collection: recording reproductive traits from the bibliography as functional biodiversity tool

15.30 - 16.00 Questions and discussion

16.00 - 16.30 *coffe break*

**Session 3: The contribution to the Global Biodiversity Information Facility (GBIF) and other biodiversity data platforms**

16.30 - 17.00 *Invited lecture: Fontaneto D. (Director of Research CNR IRSA) - The contribution to the Global Biodiversity Information Facility (GBIF) and other biodiversity data platforms*

17.00 - 17.15 Erba S. - Incorporating ecological studies into data platforms infrastructures to improve biodiversity information availability

17.15 - 17.30 Di Natale S. - Digitization of the entomological museum "Filippo Silvestri" at the MUSA in Portici (NA)

17.30 - 17.45 Armeli Minicante S. - Enhancing the scientific collections data of CNR-ISMAR through the ITINERIS project

17.45 - 18.15 Bucci G. - CNR-DiSBA living collections: from Biomemory to GBIF and beyond

18.15 - 18.45 Questions and discussion

**Wednesday 18<sup>th</sup> June**

**Session 4: Relationships with other Research Infrastructures (cross-RIs initiatives)**

9.00 - 9.30 *Invited lecture: Papale D. (Director of Research CNR IRET) - Being a European Research Infrastructure – critical aspects and national strategy*

9.30 - 9.45 Camatti E. - Towards Integration: Unlocking DiSSCo's Added Value for Marine and Environmental Research Infrastructures

9.45 - 10.00 D'Onofrio R. - Combining Research Infrastructure data for a Greater Impact: The North Adriatic Foraminifera Collection (NAdFC) Case Study

10.00 - 10.15 Cecchi L. - The Ecosystems Virtual Museum. A bridge between DiSSCo and Lifewatch toward digital object sharing and valorization

10.15 - 10.45 Questions and discussion

**Panel: Prospects for the development of the RI DiSSCo-Italy**

11.00 - 12.30 Discussion on the post-ITINERIS project (speakers: M. Sprovieri, D. Fontaneto, I. Olivè, A. Basset, G. Matteucci, F. Barbagli)

12.30 - *lunch*