



OBIS-GBIF 2024 Action Plan on Marine Biodiversity Data

OBIS & GBIF

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Colophon

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Background

This action plan for 2024 implements the [OBIS-GBIF Joint Strategy for Marine Biodiversity Data](#). The implementation committee comprised of staff from both networks' nodes and the Secretariats update the action plan annually.

Technical Cooperation

Action	Suggested tasks and responsibilities
Further develop biodiversity data standards	Engagement with TDWG in the development of standards for both organizations <i>Task responsibility:</i> GBIF Secretariat, OBIS Secretariat, individual nodes
	Vocabulary of traits with TDWG to increase interoperability between WoRMS and Catalogue of Life
Further develop the new GBIF data model to accommodate OBIS practices	Develop the tools for publishing and accessing marine data in an expressive way i.e. event core, eMoF, basic view and extended view <i>Task responsibility:</i> OBIS Products coordination group, OBIS and GBIF informatics teams
	Data publishing tools (e.g IPT) to support data packages and frictionless data under new data model

Action	Suggested tasks and responsibilities
Support the development of Essential Ocean Variables, Essential Biodiversity Variables, Essential Climate Variables	Provide input into the data/metadata specifications documentation for the development of essential variables
Implement traits-based filtering	Aligning species Traits from WoRMS with CoL
	Extend occurrence data services by enabling discovery based on selected checklists (e.g WoRMS)
Improve representation of marine data in the GBIF portal	Enhance the delivery of the extended Measurement or Fact extension in GBIF <i>Task responsibility:</i> OBIS data coordination group, OBIS and GBIF informatics teams
	Improve event based data representation in GBIF
	Implement environment flags and filtering abilities within GBIF <i>Task responsibility:</i> OBIS data coordination group, OBIS and GBIF informatics teams
	Extend search and download services by filtering marine records by WoRMS-AphiaID
	Show the AphiaID for species records from WoRMS on GBIF.org
	Enable marine data discovery within GBIF using the standard list of Marine Regions
	Improve interpretation of what is considered is_marine at records level <i>Task responsibility:</i> OBIS data coordination group, WoRMS, OBIS and GBIF informatics teams
Support download DOI services and citation tracking for OBIS	Support download DOI services and citation tracking for OBIS
Review of development options and specifications for shared infrastructure components	Review of development options and specifications for shared infrastructure <i>Task responsibility:</i> GBIF and OBIS secretariat, interested OBIS and GBIF nodes

Community and Capacity

Action	Suggested tasks and responsibilities
Joint data mobilization and data calls	Campaigns and incentives for data mobilization through grants to mobilize data that supports data paper publications <i>Task responsibility:</i> GBIF Secretariat, OBIS Secretariat, interested OBIS and GBIF nodes
	Integrating marine data publication within data mobilization programmes and projects e.g. Biodiversity Information for Development (BID) <i>Task responsibility:</i> GBIF Secretariat, OBIS Secretariat, individual OBIS and GBIF nodes
	Explore a special issue journal publication on marine data

Action	Suggested tasks and responsibilities
Enable coordination mechanisms between networks and communities of practice	Regular, at least 6 monthly meetings between GBIF and OBIS communities <i>Task responsibility:</i> GBIF Secretariat, OBIS Secretariat, interested individual nodes or relevant (OBIS) working group members
	Joint conference between OBIS and GBIF
	Develop mechanism to allow for knowledge exchange and capacity building at a regional level between GBIF and OBIS nodes including regional meetings and regional helpdesk services and inclusive of thematic nodes <i>Task responsibility:</i> GBIF Secretariat, OBIS Secretariat, individual nodes
	Develop guidance on engaging with the marine community for GBIF nodes <i>Task responsibility:</i> GBIF Secretariat, OBIS Secretariat, individual nodes
Develop clear messaging around the partnership	Develop a partnership communication strategy
	Review of the OBIS membership options within GBIF network <i>Task responsibility:</i> GBIF and OBIS Secretariats
Develop joint training resources	Develop a shared training curriculum <i>Task responsibility:</i> GBIF Secretariat, OBIS Secretariat, interested individual nodes or relevant (OBIS) working group member
	Incorporate training materials within the Ocean Teacher Global Academy
Hosted portals for nodes (or any partner)	Hosted portals for nodes (or any partner) <i>Task responsibility:</i> GBIF Secretariat, OBIS Secretariat, individual nodes
Develop joint fundraising proposals	Engage with funders such as GEF, EU and others to promote the work of this plan <i>Task responsibility:</i> GBIF and OBIS Executive Committees
	Explore shared funding for community engagement officer