



The Global Ocean Observing System



BioEco Panel Session 4

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BioEco Panel: Achievements

- Data discovery, EOV data schemas and data management progressing
 - Seagrass through SCOR working group and fish EOV through direct discussions with data holders and SCOR working group
- Ocean Sound EOV
 - Implementation plan was finalised with the support of SCOR and POGO funding
- Strengthened connections between the BioEco Panel and OOPC, IOCCP
 - Ex-officio membership of OOPC Panel
 - Re-initiated a cross-panel meeting
- Strengthened connections with OCG and GRAs
 - OBIS is official representative of BioEco Panel to OCG
 - Regular meetings with deputy chair of GRA, participation in GRA Forum
- Broadened engagement with diverse communities,
 - G7 FSOI, DOOS, POGO, SOOS and MBON
- Facilitated, contributed to and are planning sessions, workshops and symposia at various conferences to expand our outreach into the community
- Expansion of EOV lead to co-leads
 - Broaden networks, share loads, provides an opportunity for direct engagement and capacity development of ECRs



BioEco Panel: New important initiatives

- Collaborating with EU projects [MARCO-BOLO](#) and [BioEcoOcean](#):
 - Development of a subset of EOVs, including data schemas and specification sheets (planned)
 - Building the EOV community for improving uptake EOV uptake and implementation (planned)
 - Development of communication materials for the Panel (underway)
 - Identifying sustained support for the BioEco IPO (underway)
 - Progressing development of the BioEco Metadata Portal to connect with ODIS and provide helpdesk and community support (with support also from IODE core funding; planned)
- Initiated planning between OCG, OceanOPS, OBIS and ODIS to:
 - Expand biological data discovery across OCG networks - initial focus on [AniBOS](#) and [Bio-GO-SHIP](#)
 - Facilitate reporting of BioEco observations by OceanOPS

BioEco Panel: Main challenges and recommendations

- BioEco Metadata Portal
 - Need to establish a sustainable connection between the BioEco observing programmes and ODIS, through the development of ODIS-Arch specifications for EOVS observations.
 - Need additional technical support for maintaining connectivity of the Portal with OBIS and the observing networks, supporting the connection with OceanOPS for delivery of information for reporting purposes.
- Delivery of BioEco observations
 - Need support for facilitating progression of delivering of biological observations from OCG networks (as a pilot AniBOS, Bio GO-SHIP) into OBIS.
 - Need enhanced connectivity between GRAs and OBIS for delivery of biological observations into OBIS
- Ongoing support for the IPO
- Delivery of EOVS into global processes
 - Requires that GOOS develop an engagement strategy with Global Environment Agreement custodians (e.g. CBD) under which direct partnerships for EOVS reporting frameworks and agreements can be facilitated

