



AGENDA

OBON Annual Meeting & SAC Meeting

28 October - 1 November 2025

Hosted by:

Commonwealth Scientific and Industrial Research Organisation (CSIRO)

Battery Point, Tasmania, Australia

Supported by:

CSIRO

Australia's National
Science Agency



Partnership for
Observation of the Global Ocean



TEAMS connection information

(NOTE: different links for each half day):

Tuesday 28th October Open Science Meeting <i>Room: Auditorium</i>	MORNING	Microsoft Teams Meeting link Join the meeting now Meeting ID: 436 411 811 955 5 Passcode: zs3Z6vx9 Dial in by phone +61 2 8318 0088,573553914# Australia, Sydney Find a local number Phone conference ID: 573 553 914# Join on a video conferencing device Tenant key: csiro@m.webex.com Video ID: 135 997 594 4
	AFTERNOON	Microsoft Teams Meeting link Join the meeting now Meeting ID: 421 733 665 188 5 Passcode: K5Rk65ax Dial in by phone +61 2 8318 0088,803015180# Australia, Sydney Find a local number Phone conference ID: 803 015 180# Join on a video conferencing device Tenant key: csiro@m.webex.com Video ID: 138 568 112 9
Wednesday 29th October OBON Projects' Meeting <i>Room: Freycinet</i> <i>(including breakout session Option A: Capacity development, Lead: Margaret Leinen)</i>	MORNING PLENARY	Microsoft Teams Meeting link Join the meeting now Meeting ID: 460 998 460 815 6 Passcode: VB2md7WM Dial in by phone +61 2 8318 0088,252414446# Australia, Sydney Find a local number Phone conference ID: 252 414 446# Join on a video conferencing device Tenant key: csiro@m.webex.com Video ID: 135 167 629 4

		More info
	MORNING BREAK-OUT <i>Breakout Room: Huon</i> Option B: <i>Data synthesis</i> (Co-leads Jennifer Sunday & Jodie van de Kamp)	Microsoft Teams Meeting link Join the meeting now Meeting ID: 453 673 147 061 3 Passcode: Ep27kP9v Dial in by phone +61 2 8318 0088,,506041742# Australia, Sydney Find a local number Phone conference ID: 506 041 742# Join on a video conferencing device Tenant key: csiro@m.webex.com Video ID: 132 247 674 9
	AFTERNOON PLENARY	Microsoft Teams Meeting link Join the meeting now Meeting ID: 410 098 668 549 5 Passcode: vv6Ut9fZ Dial in by phone +61 2 8318 0088,,474115001# Australia, Sydney Find a local number Phone conference ID: 474 115 001# Join on a video conferencing device Tenant key: csiro@m.webex.com Video ID: 134 992 009 9 More info
Thursday 30th October <i>OBON Projects' Meeting</i> <i>Room: Freycinet</i> (Including breakout sessions: Option C: <i>Reference libraries</i> (Co-leads: Nastassia Patin & Matt Lemay) and Option E: <i>Protocols and methodology</i> (Co-Chairs: Katie Pitz & Anaïs Lacoursière)	MORNING PLENARY	Microsoft Teams Meeting link Join the meeting now Meeting ID: 422 210 177 186 Passcode: 3dY62xJ6 Dial in by phone +61 2 8318 0088,,478859087# Australia, Sydney Find a local number Phone conference ID: 478 859 087# Join on a video conferencing device Tenant key: csiro@m.webex.com Video ID: 137 257 736 2
	MORNING BREAK-OUT	Microsoft Teams Meeting link Join the meeting now

	<i>Breakout Room:</i> <i>Huon</i> Option D: <i>Policy</i> (Lead: Margaret Leinen)	Meeting ID: 491 120 371 596 7 Passcode: MT3AU6Ey Dial in by phone +61 2 8318 0088,,33487450# Australia, Sydney Find a local number Phone conference ID: 334 874 50# Join on a video conferencing device Tenant key: csiro@m.webex.com Video ID: 134 737 312 0
	AFTERNOON PLENARY	Microsoft Teams Meeting link Join the meeting now Meeting ID: 413 171 402 454 0 Passcode: zR92aW6t Dial in by phone +61 2 8318 0088,,308758388# Australia, Sydney Find a local number Phone conference ID: 308 758 388# Join on a video conferencing device Tenant key: csiro@m.webex.com Video ID: 133 912 680 7
	AFTERNOON BREAK-OUT <i>Breakout Room:</i> <i>Huon</i> Option F: <i>Technology</i> <i>development</i> (Co- leads: Willie Wilson, Eric Raes, Annette Govindarajan)	Microsoft Teams Meeting link Join the meeting now Meeting ID: 456 130 544 880 2 Passcode: db9Le3Pz Dial in by phone +61 2 8318 0088,,606891259# Australia, Sydney Find a local number Phone conference ID: 606 891 259# Join on a video conferencing device Tenant key: csiro@m.webex.com Video ID: 131 263 367 5
	Friday 31st October OBON Projects' Meeting <i>Room: Freycinet</i>	Microsoft Teams Meeting link Join the meeting now Meeting ID: 441 386 367 814 8 Passcode: kK9ai3Uh

		Dial in by phone +61 2 8318 0088, 108065988# Australia, Sydney Find a local number Phone conference ID: 108 065 988# Join on a video conferencing device Tenant key: csiro@m.webex.com Video ID: 138 901 691 7
Data Workshop Room: Freycinet	AFTERNOON PLENARY	Microsoft Teams Meeting link Join the meeting now Meeting ID: 458 956 005 558 7 Passcode: bg6bG7sV Dial in by phone +61 2 8318 0088, 677056457# Australia, Sydney Find a local number Phone conference ID: 677 056 457# Join on a video conferencing device Tenant key: csiro@m.webex.com Video ID: 134 850 978 8
Saturday 1st November OBON SAC Meeting	ALL DAY	<i>See separate agenda for links</i>

Open Science Day

Tuesday 28th October

8:30 – 9:00 Registration and coffee

9:00 – 11:00 Introductions and updates (Chair: Sophie Seeyave)

9:00 Welcome remarks

- [Jodie van de Kamp](#), OBON SAC and ExCom Member, CSIRO
- [Mark Baird](#), CSIRO Research Director for Coastal & Oceanic Systems
- Margaret Leinen, OBON Chair, Scripps Institution of Oceanography

9:15 General overview and progress update on OBON and UNOD: Margaret Leinen

9:35 OBON project introductions:

Anaïs Lacoursière - Guidance on Optimal Timing for eDNA (on-line)

Collean Kellogg/ Matt Lemay - Hakai Institute Biomolecular Observing Network (HI-BON) (on-line)

Jennifer Sunday - Pacific eDNA Coastal Observatory (PECO) (on-line)

Saara Suominen - eDNA Expeditions in World Heritage Sites Phase II (on-line)

Nastassia Patin - West Coast OBON

Cristina Pavloudi - European Marien Omics Biodiversity Observing Network (EMOBON)

Willie Wilson - Western Channel Observatory Biomolecular Observing Network (WCO-BON)

Agnes Weiner - Present and past climate change impacts on Norwegian fjord ecosystems (PASTIME)

Note: A webinar series has been conducted to introduce all projects that were endorsed since the last Annual Meeting and for older projects to give updates. Recordings are available [on YouTube](#) for those who were unable to attend, and meeting participants are strongly encouraged to watch these before attending the annual meeting.

10:45 Q&A

11:00 – 11:30 Coffee break

11:30 – 13:00 Biomolecular observations in Australia

11:30 [Pascal Crow](#) – Globalising Marine Biodiversity Observations (GloMBO)
CSIRO

11:45 [Leonie Suter](#) – Shaping the future use of eDNA in Southern Ocean ecosystem monitoring
Australian Antarctic Division

12:00 Shaun Wilkinson – [wilderlab](#)

12:15 [Jenny Giles](#) – Australia's National Biodiversity DNA Library
NBDL, CSIRO

12:30 [Sharon Appleyard](#) – Australia's National Fish Collection (ANFC), CSIRO

12:45 [Andrew Bissett](#) - Australian Microbiome

13:00 – 14:00 Lunch and group photo

14:00 – 15:50 Biomolecular observations in the Western Pacific region

- 14:00 [Eric Raes](#) – Minderoo Foundation: OceanOmics Monitoring & Protecting Ocean Life
- 14:15 [Kazi Ahsan Habib](#) – Marine biomolecular observations in Bangladesh
Sher-e-Bangla Agricultural University, Bangladesh
- 14:30 [Michio Kondo](#) – ANEMONE Global: Advancing eDNA-Based Biodiversity Monitoring through International Collaboration
Tohoku University, Japan
- 14:45 [Tadashi Kajita](#) – Biodiversity Observations in Mangrove Ecosystems
University of Ryukyus, Japan
- 15:00 [Alison Wee](#) – Mangrove Matters: Understanding Fish Communities in Malaysian Coastal Habitats (on-line)
University of Nottingham Malaysia
- 15:15 [Mattie Rodrigue](#) - Advancing Ocean Exploration in Southeast Asia and the Indian Ocean with OceanX (on-line)
- 15:30 Discussion of collaboration opportunities

15:50 – 16:20 Coffee break

16:20 – 17:30 Biomolecular observations, Infrastructure, supporting Programs, Essential Ocean/Biodiversity Variables (EOV/EBV)

- 16:20 [Sophie Mazard](#) - [Bioplatforms Australia](#)
- 16:35 [Richard Saunders](#) - [Integrated Marine Observing System \(IMOS\)](#)
- 16:50 [Ana Lara-Lopez](#) – Essential Ocean Variables and GOOS Biodiversity Plan
[GOOS Biology and Ecosystems Panel](#)
- 17:05 [Anna Macdonald](#) – Essential Biodiversity Variables
Australian Antarctic Division; GEO BON Genetic Composition Working Group (co-chair)

17:20 – 17:30 Wrap-up

Projects' Meeting – Day 1

Wednesday 29th October

- 9:00 Setting the Scene and OBON Updates (Margaret Leinen)**
9:00 Updates from OBON Working Groups
9:00 Technology development (Willie Wilson)
9:10 Capacity development and Policy (Margaret Leinen)
9:25 Protocols and methodology (Katie Pitz)
9:35 Reference libraries (Nastassia Patin)
9:45 Data synthesis (Jennifer Sunday/Jodie van de Kamp)
9:55 Update on Technology Readiness Levels (TRL) framework (Julie Robidart)
10:05 Scaling Autonomous Integrated Global eDNA observations (SAIGe) (Willie Wilson)
10:20 Discussion of expected outcomes from the meeting

10:40 – 11:00 Coffee break

11:00 – 11:15 Introduction to break-out session

11:15 - 13:00 Break-out session: Activity prioritisation for OBON working groups

- a. Capacity development (Lead: Margaret Leinen)
- b. Data synthesis (Co-leads Jennifer Sunday & Jodie van de Kamp)

13:00 – 14:00 Lunch & group photo

14:00 – 15:00 Connections across the UN Ocean Decade (Chair: Sophie Seeyave)

Lissette Victorero & Anna Roik: Towards an international Seamount Science Program — Concept, Milestones, Roadmap (*on-line*)

Jas Chambers & Lucy Buxton: Australian National Decade Committee & Ocean Decade Australia (*on-line*)

IOGP Environmental Genomics Programme (TBC)

15:00 – 15:30 Coffee break

15:30 – 16:30 Technology demonstration (Pascal Craw)

**18:00 Group dinner, Shipwright Arms,
29 Trumpeter Street, Battery Point
<https://www.shipwrightsarms.com.au/>**

Projects' Meeting – Day 2

Thursday 30th October

9:00 – 9:15 Introduction to morning break-out sessions

9:15 – 11:00 Break-out session: Activity prioritisation for OBON working groups

- c. Reference libraries (Co-leads: Nastassia Patin & Matt Lemay)
- d. Policy (Lead: Margaret Leinen)

11:00 – 11:30 Coffee break

11:30 – 12:30 Reports back from Day 1 break-outs

12:30 – 14:00 Lunch & Tours of Australia's National Fish Collection

Tours led by Sharon Appleyard at 1pm and 1.30 pm

14:00 – 14:15 Introduction to afternoon break-out sessions

14:15 – 15:45 Break-out session: Activity prioritisation for OBON working groups

- e. Protocols and methodology (Co-Chairs: Katie Pitz & Anaïs Lacoursière)
- f. Technology development (Co-leads: Willie Wilson, Eric Raes, Annette Govindarajan)

15:45 – 16:15 Coffee break

16:15 – 17:15 Discussion of SAIGe Microgrants

18:00 Group dinner (TBC)

Projects' Meeting – Day 3

Friday 31st October

9:00 – 9:30 Getting eDNA data AI-ready and examples of AI tools/applications – Philipp Bayer

9:30 - 11:15 Reports back from Day 2 break-out sessions (Chair: Sophie Seeyave)

11:15 – 11:30 Coffee break

11:30 – 12:30 Wrap-up (Chair: Margaret Leinen)

Summary of outcomes and priorities for the next year

Discussion of possible Open Science Meeting in 2026

12:30 – 13:30 Lunch

13:30 – 17:30 Data Workshop

Part I: OBIS – Co-leads: Katherine Tattersall & Sachitbhandari

- Uploading data to OBIS/GBIF and shared experiences with getting data ready for submission
- FAIR eDNA standards (Miwa Takahashi)
- Australian Microbiome experience (Matt Smith)

15:00 – 15:30 Coffee break

Part II: eDNA data analysis tools (short presentations/demos)

- **Raissa Meyer:** Anvi'o: An open-source, community-driven analysis and visualization platform for microbial 'omics
- **Nastassia Patin/Katie Pitz** (and co-authors Eric Archer/Kimani Kimborough): MAMBO: Metabarcoding Analysis using Modeled Bayesian Occurrences
- **Christina Pavloudi:** EMOBON data analysis tools: metaGOflow and PEMA

Note: Last year's OBIS workshop recording is available [here](#) for a step-by-step tutorial, which may be useful to watch for those who did not attend last year.



Scientific Advisory Committee (SAC) Meeting

Saturday 1st November

9:00 – 16:00 Scientific Advisory Committee (SAC) Meeting

Agenda and link sent separately to SAC members.