

TAKING THE PULSE OF THE GLOBAL OCEAN



Partnership for
Observation of the Global Ocean

Lilian Krug - Scientific Coordinator



POGO – a snapshot

- The Partnership for Observation of the Global Ocean (POGO)
 - Established in 1999: 24 years of Ocean Partnerships
 - An international consortium of major oceanographic institutes, represented by their Directors
- 55 members; 30 countries; 6 continents
- POGO's Vision and mission: The Three Pillars





Innovation in Ocean Observing

POGO seeks to lead innovation and development of the crucial components of the ocean observing system.

Approaches include:

Workshops & sessions (during POGO Annual Meeting)

Example topics:

- Deep ocean observations;
- Innovative biological sampling;
- Observation of contaminants;
- Implementation of Ocean Sound EOVS;
- Ocean observation & Indigenous knowledge

Working through Partnerships

Supporting (eg SOOS, GACS, OceanSITES, ARGO), collaborating with (eg SCOR, GOOS, IOC, IODE, GEO, ToF, OOI), and co-founding/co-sponsoring (eg OCU, Blue Planet, IQOE) other projects and organisations.

POGO-funded Working Groups & Projects

Biological Observations Working Groups

- Ocean Biomolecular Observing Network (OBON) – UN Ocean Decade endorsed programme
- Marine eDNA monitoring network in Latin America and the Caribbean

Development of low-cost, scientifically reliable measurement devices and protocols

- OpenMODs 3.0 (Open Access Marine Observation Devices Phase 3)
- SAGITTA
- ODN Pilot site in Ghana;
- Consumer-grade drones as tools for tropical marine and coastal research

WGs & Projects aiming networking, research, outreach and citizen science in West Africa

- BIOTTA
- BEACON
- COLLECT
- Coastal Observing Lab in a Box (COLaB)



Capacity Development

POGO's training and education activities are targeted primarily at scientists from developing countries and economies in transition.

POGO-SCOR Visiting Fellowship Programme

- Joint programme with Scientific Committee on Oceanic Research (SCOR) to support young professionals from developing countries to spend up to three months training in their speciality at a major oceanographic institution.

Shipboard Training & Ocean Training Partnership (OTP)

- NF-POGO fellowships for early-career scientists to receive hands-on training and shipboard experience
- OTP pools infrastructure, resources & expertise to provide offshore technical skills & experience on research vessels

NF-POGO Centre of Excellence

- 10 scholars from 10 countries, hosted for 10 months at Alfred Wegener Institute for Polar and Marine Research
- Supported by the Nippon Foundation (NF)

Training in Developing Countries

- NF-POGO Centre of Excellence Regional Training (Brazil, Vietnam, India, Philippines, Bangladesh, etc)
- POGO grants for Training Initiatives by POGO Member Institutes
- NF-POGO Alumni Network for the Ocean (NANO)
- POGO support for existing training initiatives, eg Austral Summer Institute (Chile), 2023 SOLAS Summer School (Cape Verde).



3 Outreach & Advocacy

POGO aims to articulate the societal benefits of ocean observing to people at all levels – from the general public to policy makers.

Examples of POGO's Outreach work

Participation in high-level events



UN events such as COP and Ocean Conferences – Exhibits and Co-host side events



GEO Blue Planet - Task within GEO with mission to Explore Synergies, Improve Engagement and raise awareness of societal benefits



Letters & Statements - Letters and statements aimed at governments and intergovernmental organisations (e.g G7, UN, IPCC...)

Interaction with general public & schools



Brochures & Literacy materials - aimed at policy makers/the general public/schools on the importance of ocean observing



Shipboard outreach targeting primary and secondary schools - NoSoAT miniboats deployment + live calls with students from 4 countries; Activities with foldscopes in schools in 13 countries



Citizen science initiatives targeting general public and secondary schools - Eg, SAGITTA Probe + App for water temperature; COLLECT engagement of high school students with plastic pollution awareness

Partnerships & POGO-coordinated initiatives



OceanScape.org - A web portal, in collaboration with GEO Blue Planet, to identify existing and create new relationships within the ocean observing community.



NANO alumni network – Engage alumni in outreach (webinar, public workshops, actions in schools..) and joint research (projects involving alumni in 18 countries)



Ocean Decade – Endorsed implementing partner, leading activities, member of Communications Advisory Group

How to get involved

Become a
POGO Member

Full or Associate
membership
categories

Attend annual
meetings
(with opportunity to
host)

Propose
collaborative ocean
observing
initiatives, and
more...

Become an
Ocean Training
Partner

POGO can fund a
Fellow to make use
of spare berths

Or provide funding
for training cruises
on 'empty legs'

Visit
oceantrainingpartnership.org

Contribute to
Oceanscape

Sign up at
Oceanscape.org

Learn more in our Strategy document



Available in:

عربي
English
Español
Français
Português