TAKING THE PULSE 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

**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

**WG & Projects aiming networking, research, outreach and citizen science in West Africa**
- BIOTTA
- BEACON
- COLLECT
- Coastal Observing Lab in a Box (COlAB)

**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.
### Capacity Development

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

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<th>Programme</th>
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<td><strong>POGO-SCOR Visiting Fellowship Programme</strong></td>
<td>• 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.</td>
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| **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, e.g. Austral Summer Institute (Chile), 2023 SOLAS Summer School (Cape Verde). |
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

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- عربي
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