



Partnership for  
Observation of the Global Ocean

 @POGO\_Ocean @OSCM\_ @GEOMAR\_en  
#POGO20

# AGENDA

**POGO-20**

*and Side Meetings*

**Ocean Science Centre Mindelo (OSCM)**

and

**Instituto Nacional de Desenvolvimento das Pescas (INDP)**

**Cabo Verde**

**19-25 January 2019**

*Hosted by:*



# Agenda

## 20<sup>th</sup> POGO Annual Meeting (POGO-20) and Side Meetings

Venue: Ocean Science Centre Mindelo, Instituto Nacional de Desenvolvimento das Pescas, Cova de Inglesa, C.P. 132, Mindelo, Island of São Vicente, Republic of Cabo Verde

### Week at a glance

	Sat 19 Jan	Sun 20 Jan	Mon 21 Jan	Tues 22 Jan	Wed 23 Jan	Thurs 24 Jan	Fri 25 Jan
	<b>Side Meetings</b> (Venue: OSCM Conf Room A/B)		<b>Side Meetings and reception</b>	<b>POGO-20 Open Meeting</b> (Venue: OSCM Hangar)		<b>POGO AGM (members only)</b>	<b>Side Meetings</b>
<b>Morning</b>		OpenMODs Workshop	OpenMODs Workshop (Venue OSCM Conf Room A/B) POGO Finance Committee Mtg (Venue INDP Seminar Room)	Plenary session	Plenary session	Closed session (Venue: OSCM Hangar)	<b>9:00 – 12:00</b> Wrap-up Meeting of POGO Board of Trustees (Venue: OSCM Conf Room)
<b>Lunch</b>	Lunch for workshop participants provided on-site		<b>FC and BoT lunch</b> (Venue Sr Nhela)	Lunch for delegates provided on-site			
<b>Afternoon</b>	OpenMODs Workshop	OpenMODs Workshop	Meeting of POGO Board of Trustees (Venue: INDP Seminar Room)	Plenary session	Plenary session	Closed session (Venue: OSCM Hangar)	
						<b>16:15</b> Tour	
<b>Evening</b>	<b>19:00 – 21:30</b> Dinner for OpenMODs participants (Venue: Casa Tchicau)	<b>19:00 – 21:30</b> Dinner for OpenMODs participants (Venue: Kalimba)	<b>19:00 – 21:00</b> Ice-breaker: All delegates (Venue: Terra Lodge)	<b>19:00 – 21:30</b> Dinner (Venue: Restaurant U Sabor)	<b>19:00 – 21:30</b> Dinner (Venue: Restaurant Gout de Grills)	<b>19:30</b> Board of Trustees dinner (Venue: Restaurant Dokas)	

# Side Meetings

## 19th-21st January 2019

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### **OpenMODs (Open Access Marine Observation Devices) Project Workshop (registered participants only):**

**Saturday 19<sup>th</sup> January 14:45 – 17:30**

**Sunday 20<sup>th</sup> January 9:00 – 17:30**

**Monday 21<sup>st</sup> January 9:00 – 12:45**

*Venue: OSCM Conference Room A/B*

*See separate agenda*

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### **POGO Finance Committee Meeting (closed meeting):**

**Monday 21<sup>st</sup> January 9:00 – 12:00**

*Venue: Seminar Room, INDP*

*See separate agenda*

**Lunch for Finance Committee members and Board of Trustees at Sr. Nhela  
12:15 – 13:30**

### **POGO Board of Trustees Meeting (closed meeting):**

**Monday 21<sup>st</sup> January 14:00 – 17:30**

*Venue: Seminar Room, INDP*

*See separate agenda*

# POGO Open Meeting (POGO-20)

## 22nd – 23rd January 2019

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*Venue: OSCM, Instituto Nacional de Desenvolvimento das Pescas, Cova de Inglesa, C.P. 132, Mindelo, Island of São Vicente, Republic of Cabo Verde*

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### Monday 21st January

**19:00 – 21:00** Welcome reception for all delegates (*Venue: Terra Lodge*)

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### Tuesday 22nd January

*Venue: OSCM Hangar*

**8:15 – 9:00** Registration

**9:00 – 9:30** Opening session (Chair: Peter Herzig)

- Host welcome: Osvaldina Silva (President of INDP) and Peter Herzig (Director of GEOMAR)
- Remarks from Karen Wiltshire (Outgoing Chair) and handover to Incoming Chair
- Remarks from Nick Owens (Incoming Chair)
- Opening speech by H.E. the Minister of Maritime Economy of Cabo Verde, Dr. José da Silva Gonçalves
- Closure of formal opening session by the Hosts and Chair

**9:30 – 9:40** Meeting logistics (Hosts and Secretariat)

**9:40 – 11:00** Showcase of oceanography and ocean observing in Cabo Verde and West Africa (Chair: Arne Körtzinger)

9:40 Oceanographic observations in Cabo Verde: *Vito Ramos (OSCM, Cabo Verde)*

9:55 Recent evidences and possible shifts in the marine biome of the Cabo Verde archipelago in the tropical eastern Atlantic Ocean: *Rui Freitas (UniCV, Cabo Verde)*

10:10 Biogeochemistry of oxygen-depleted mesoscale eddies off West Africa: *Björn Fiedler (GEOMAR, Germany)*

10:25 Equatorial surface enrichment within the Gulf of Guinea Basin as inferred from in-situ measurements: *Olubunmi Ayoola Nubi (NIOMR, Nigeria)*

10:40 Showcase of ocean observations in Senegal and impact of regional warming on small pelagic fish distribution in West Africa: *Abdoulaye Sarré (CRODT, Senegal)*

10:55 Q&A

**11:00 – 11:30** Group photo and Coffee break

**11:30 – 12:30 Updates on POGO activities (Chair: Tony Worby)**

11:30 Highlights: Nick Owens

11:50 Progress Report: Sophie Seeyave/Fiona Beckman

12:10 Address by the Nippon Foundation: Takehiro Umemura

12:15 Update on POGO/NANO Global Project: Housseem Smeti

12:20 Updates on POGO Working Groups

- Planning the implementation of a global long-term observing and data sharing strategy for macroalgal communities: *Richard Coleman*
- EO for water-related diseases: *Icarus Allen*

**12:30 – 13:30 Lunch & Poster Session Postgraduate Students and NANO alumni**  
(Venue: OSCM Foyer)

**13:30 – 14:00 Update on POGO activities –cont'd (Chair: Tony Worby)**

13:30 Report on POGO Biological Observations: *Margaret Leinen and Eric Orenstein (remote)*

**14:00 – 15:15 Presentations by new/selected members (Chair: Edgar Pavia)**

14:00 Introduction of new member – INDP: *Albertino Martins*

14:15 Introduction of new member – ZMT: *Nicolas Dittert*

14:30 Introduction of new member – INVEMAR: *Francisco Arias (video message)*

14:45 Update from Qingdao National Laboratory for Marine Science and Technology: *Gongke Tan*

15:00 The new era for FIO's deep ocean observation: *Tiegang Li*

**15:15 – 15:45 Coffee break**

**15:45 – 16:45 Partner organisations and projects (Chair: Hildegard Westphal)**

- OceanoScientific Southern Expeditions: *Gérard Eldin (CNRS)*
- Sailing meets science – Ocean observation on sailing vessels: *Stefan Raimund (SubCTech)*
- Regional/European coordination of Arctic observing: *Kim Holmen (Norwegian Polar Institute)*
- Implementing the JPI Oceans Initiative – achievements and new actions: *Jacky Wood (JPI Secretariat)*

**16:45 – 17:30 Closed session (POGO members only):**

- Financial Reports from fiscal year 2018
- Discussion of dues for 2020 and 2021
- Invitation of offers to host POGO-22 (to be discussed on Thursday 24<sup>th</sup>)

**19:00 – 21:30 Dinner (Venue: Restaurant U Sabor)**

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# Wednesday 23rd January

Venue: OSCM Hangar

**09:00 – 12:00 Workshop 1: Mineral-dust fertilisation of the marine environment and its consequences for the carbon cycle (Co-Chairs: Henk Brinkhuis & Jan-Berend Stuut)**

**9:00 – 9:05 Session introduction:** Henk Brinkhuis & Jan-Berend Stuut

## **Keynote presentations:**

9:05 The marine-environmental impact of Saharan dust: *Jan-Berend Stuut (NIOZ, the Netherlands)*

9:35 The lithogenic carbon pump: *Cécile Guieu (LOV, France)*

10:05 Upper ocean ecosystem responses to dust borne nutrient inputs in the context of system feedbacks: *Mark Moore (NOC, UK)*

**10:35 – 10:45 Q&A**

**10:45 – 11:00 Coffee break**

**11:00 – 11:55 Other contributions and general discussion**

**11:55 - 12:00 Wrap-up by Session Chairs**

**12:05 – 13:55 Lunch and Side Event on Capacity Building in West Africa (Chair Sophie Seeyave)**

Venue: INDP Auditorium/Foyer

12:05 POGO: Lessons learnt from almost two decades of capacity development: *Sophie Seeyave (POGO)*

12:15 Joint German-Cape Verdian WASCAL and GAME programmes: *Corrine Almeida (University of Cabo Verde)*

12:25 Gulbenkian Institute PGCD programme: *Joana Gonçalves-Sá (Graduate Program Science for Development, remote)*

12:35 ICPMA Master Programme in Benin: *Zacharie Sohoun (IRHOB)/Norbert Hounkonnou (ICPMA)*

12:45 Summer School in Ghana: *Brian Arbic (University of Michigan, remote)/Sam Addo (University of Ghana)*

12:55 Discussion

13:15 Lunch and informal discussions in Foyer

**14:00 – 15:30 Session on Sustained Observing in the South Atlantic Ocean and Beyond (Chair: Martin Visbeck)**

14:00 Decade of Ocean Science for Sustainable Development: *Martin Visbeck (GEOMAR, Germany)*

14:15 GOOS 2030 strategy and the relevance for POGO and its role in realizing that vision strategy: *Albert Fischer (IOC/GOOS)*

14:30 Successful implementation of integrated observation tools for the South Atlantic and experiences gained: *Sabrina Speich (ENS, France)*

14:45 Deep Ocean Observing Strategy: Opportunities for Capacity Development: *Andrea McCurdy (DOOS Secretariat)*

15:00 Argo2020 - a unified design for multidisciplinary global ocean observing: *Susan Wijffels (WHOI)*

15:15 Q&A/Discussion

**15:30 – 16:00 Coffee break**

**16:00 – 17:10 Session on ocean observing technology and sensor development (Chair: Margaret Leinen)**

16:00 Developing low-cost sensors –Update on the OpenMODs project: *Alessandro Crise*

16:15 Developing low-cost sensors –Update on the NANO-SAGITTA project: *Kirill Kivva*

16:30 Presentation from NF-GEBCO XPrize finalist team: *Ivan Ryzhov (remote)*

16:45 Q&A/Discussion

**16:55 – 17:00 Plenary Meeting Closure (Nick Owens)**

**19:00 – 21:30 Dinner (Venue: Restaurant Gout de Grills)**

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# POGO Annual General Meeting (POGO members only)

Thursday 24th January

*See separate agenda for details.*

**Start 8:30**

**10:30 – 11:00** Coffee break

**13:00 – 14:00** Lunch

**Adjourn 16:15**

**16:20** Tour of Atmospheric Observatory (open to all delegates, registration required)

**19:30** Board of Trustees Dinner (*Venue: Restaurant Dokas*) -other delegates free to make own arrangements.

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# **POGO Board of Trustees' Meeting (POGO trustees only)**

**Friday 25<sup>th</sup> January**

*See separate agenda for details.*

**Start 9:00**

**10:30 – 10:45    Coffee break**

**Adjourn 12:00**