

IOC 32nd Assembly

3.2: Report of Executive Secretary on the work since IOC-31 (and since 2015)

+

6.1 DRAFT PROGRAMME AND BUDGET FOR 2024–2025 (Draft 42 C/5)

6.3 DRAFT ACTION PLAN IN RESPONSE TO THE IOS EVALUATION
OF THE IOC STRATEGIC POSITIONING|

Dr Vladimir Ryabinin

21 June 2023



Item 3.2: Report of Executive Secretary
on the work since IOC-31 (and since 2015)

As this is my last report to IOC Assembly, it will be slightly less focussed or reporting facts but will aim to present “a bigger picture”,

Sometimes going back to 2015 when I started

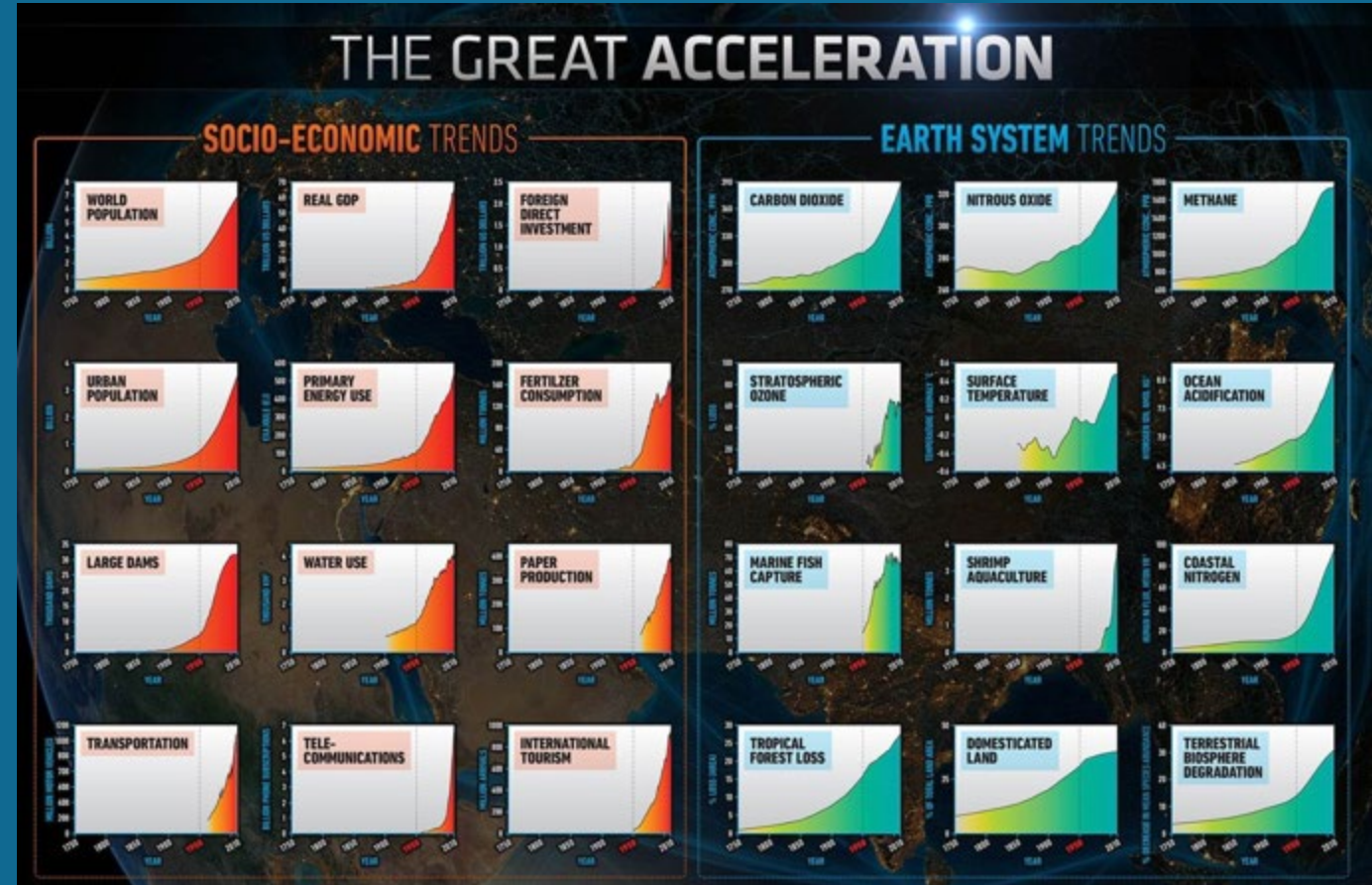
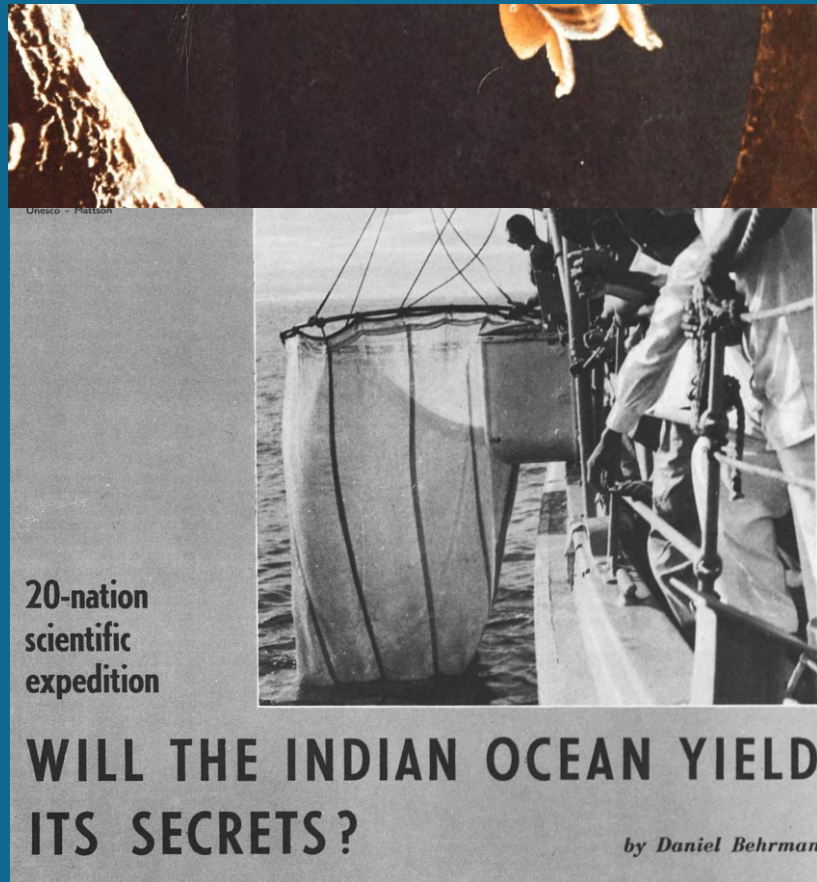
For specifics, please read more in the Addendum to Executive Secretary Report

Items requiring a decision will be considered individually

1960s

IOC Evolving Agenda

Now



Intergovernmental UN platform for dialogue and cooperation in ocean science →

Intergovernmental UN Platform to enable ocean science for addressing **existential** issues

Mission:
to bring together governments
and science community
in achieving ‘the Ocean We Need
for the Future We Want’

One Planet, One Ocean



IOC High-Level Objectives:

- **Healthy ocean and sustained ocean ecosystem services;**
- **Effective warning systems and preparedness for tsunamis and other ocean-related hazards;**
- **Resilience to climate change and contribution to its mitigation;**
- **Scientifically-founded services for the sustainable ocean economy; and**
- **Foresight on emerging ocean science issues.**

IOC in/and United Nations



Since 2015:

- the 2030 Agenda and its SDG14 (IOC – custodian for 14.3 and 14.a)
- Paris Agreement:
 - 1-Ocean in Preamble, 2-UNFCCC SBSTA Ocean – Climate Dialogue
- Sendai Framework for DRR

Since 2016 – idea of the Ocean Decade

Since 2017 - UN Ocean Conferences

Since 2021 – Ocean Decade is ON!

Since IOC-31 in 2021:

- UN 2022 Ocean Conference: unique recognition of IOC and Decade
- Kunming-Montreal Global Biodiversity Framework (30x30)
- BBNJ – High Seas Treaty agreed and open for ratification (IOC is “in“)

Division of labour in UN: IOC is recognized as “the UN home of ocean science”

IOC in/and UNESCO



2016: IOC Audit: major chronic understaffing and shortage of resources

Since 2017, IOC has been included as an individual entry in UNESCO planning and reporting processes

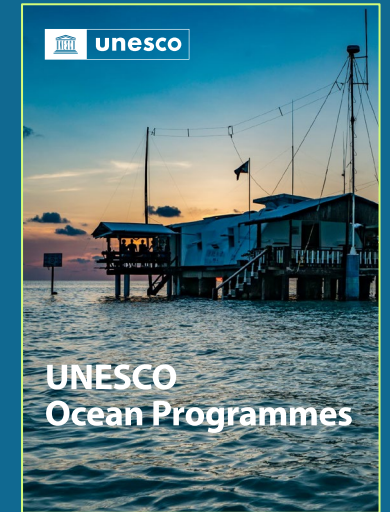
The 2021 IOS Evaluation of IOC Strategic Positioning

Ocean as UNESCO communication priority for 1st half of 2022: “UNESCO ocean programmes”

April 2022: UNESCO 214th Executive Board, “UNESCO and the ocean” (to report progress in October 2023 at 217th Executive Board)

May 2023: UNESCO 216th Executive Board, “Urgent requirement for increased and more stable resources to the Intergovernmental Oceanographic Commission (IOC)”: ± 50% increase in regular budget expected

**Return of US to UNESCO, continued membership of US and Israel, budget
IOC work on Africa, Gender and SIDS, ocean literacy in Intersectoral Program 2**



Modern Leadership is in Partnership



- **Collaboration with all UN and related Organizations with an ocean mandate, through UN-Oceans and more directly:**
CBD, DOALOS, FAO, GEF, IAEA, IMO (WMU), ISA, UNDP, UNEP, UNU, WHO, WMO, some development banks...
- **IGOs:** EC, ICES, PICES, IUCN, IHO, SPC (MoU), IORA (MoU), IPCC, OECD...
- **International Organizations:** SCOR, ISC, ...
- **Private Sector** Fugro, Prada, HubOcean + RevOcean, The Economist, Panerai
- **Philanthropic foundations:** approximately 30 in the Decade
- **Associations, Institutes, Activities:** POGO, EMB, VLIZ, JPI, Communities for Ocean Action, Friends of Ocean Action, OKAN of Future Earth, UN Global Compact, UN Decade of Ecosystem Restoration (UNEP/FAO), Ocean/climate platform
- **UNESCO Sectors:** education, culture, natural sciences, social & human sciences, gender, communication



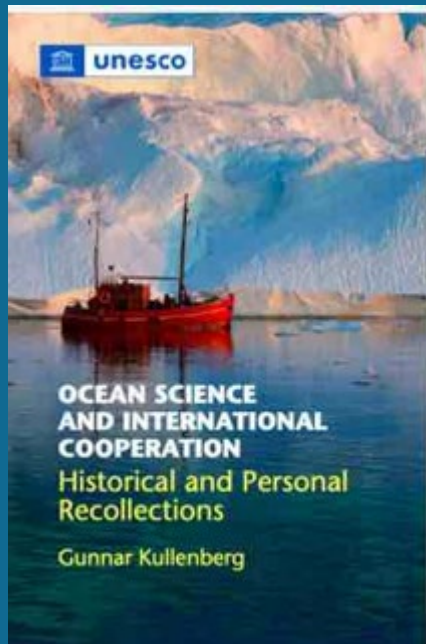
Our voice in (+ organization of) major conferences

- **UN Ocean Conferences:**
 - 2017, Fiji/Sweden, UN HQs New York, USA
 - 2022, Kenya/Portugal, Lisbon
 - 2024/2025, Costa Rica/France, prep 2024 San Jose, June 2025 Nice
- **The World Ocean Summit** of The Economist, since 2018
- **Our Ocean Conferences**, since 2016
- President Macron's **One Ocean Summit**, Brest, France, 9-11 Feb 2022
- **UNFCCC** CoPs
- **CBD** CoPs
- **BBNJ** Intergovernmental Conference
- **Decade** Conferences (online in Berlin in 2021, Barcelona 2024)
- **WCRP** Open Science Conference (Kigali, October 2023)
- **Effects of Climate Change on the World Ocean** – IOC as a cosponsor
- **Large Marine Ecosystems** and **MSP** Conferences
- + many more...

New IOC Executive Secretary from 1.1.2024



- **I am leaving on 31 December 2023**
- **New, 10th, IOC Executive Secretary will be appointed by Director-General of UNESCO and start to work in early 2024**
- **6 preferential candidates, to be considered by Director General, were determined yesterday by the IOC Executive Council**



**”Ocean science and international cooperation: historical and personal recollections”,
Gunnar Kullenberg, 6th IOC Executive Secretary,
UNESCO, 2021**

IOC portfolio



E: contributions to 2030 Agenda and SDG 14, UN, UNFCCC + Paris Agreement, BBNJ, CBD, Sendai; Coastal zones, LME, ...

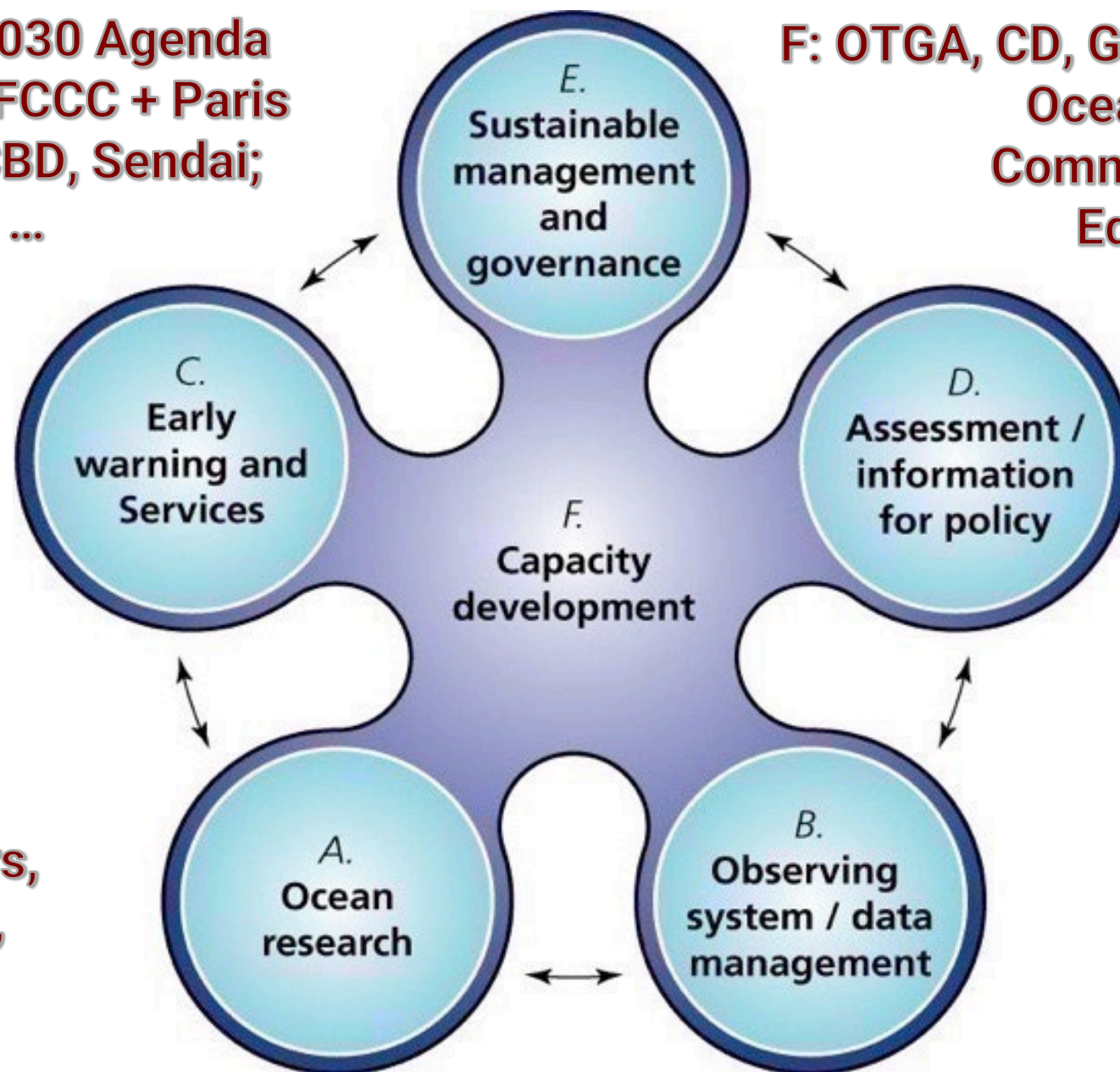
F: OTGA, CD, GOSR, TMT, Ocean literacy, Communication, Education, ...

C: Tsunami, HABs, Ocean Prediction and Services, WMO/IOC JCB, ...

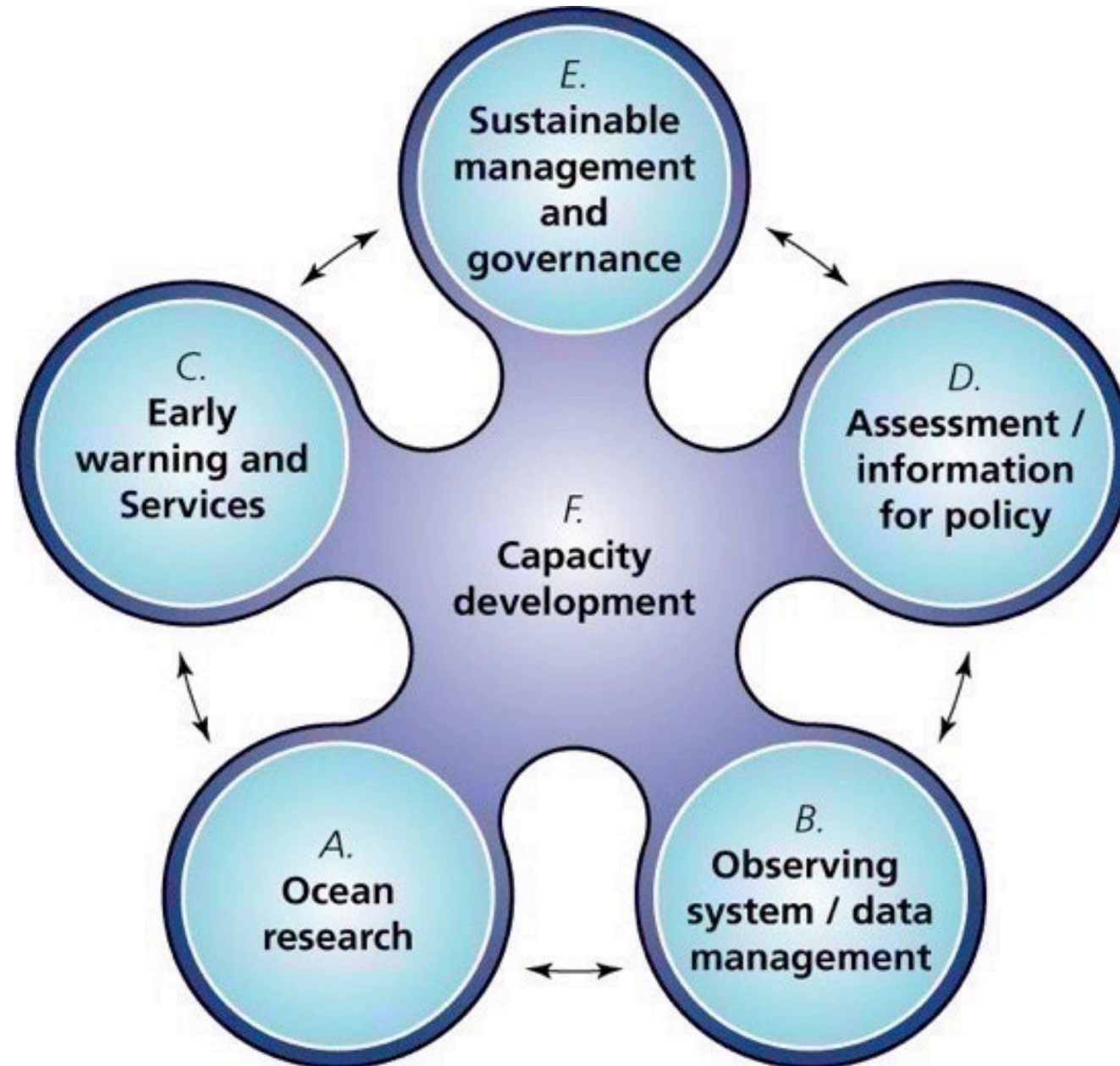
D: IPCC, WOA, IPBES, SDG 14.3, SDG 14.a, GEBCO, ...

A: IIOE-2, GOAON, GO₂NE, GESAMP TrendsPO, Stressors, IOC-R, Blue Carbon, WCRP, ...

B: GOOS, GLOSS, IODE, OBIS, ...



IOC work through Functions – **by big brushes**



Function A: Science Portfolio



MOS - Multiple Ocean Stressors



TrendsPO



Non indigenous invasive species – CCLME ; WGBOSV

SDG 14 indicators:
14.3.1 OA,
14.a.1 GOSR,
14.1.1 ICEP



With special thanks to Henrik Enevoldsen for holding the fort!



Function A: Stressors

MOS Multiple Ocean Stressors

GO₂NE Global Ocean Oxygen Network

CCLME alien species and stressors



GESAMP
Joint Group of Experts on the
Scientific Aspects of Marine
Environmental Protection

Plastic Impacts – WG 40

Pollutants – WG 45



Ocean Acidification

**- Success as UN Custodian
Agency for Indicator 14.3.1,
portal**

IOC-32, Item 4.11



Harmful Algae incl GlobalHAB

IOC-32, Item 3.4.3

New: Back to Blue → ocean chemical pollution

THE INVISIBLE WAVE

**ECONOMIST
IMPACT**





Function A: Climate



Blue Carbon



IOCR

Ocean Carbon



New Core Project 'Earth System Modelling and Observation'
Open Conference – October 2023, Kigali, Rwanda



eccw5
17-21 April, 2023
BERGEN NORWAY



Effects of Climate Change on the World's Ocean



GESAMP
Joint Group of Experts on the
Scientific Aspects of Marine
Environmental Protection

Climate change
Mitigation – WG41

MONDAY 12 JUNE | 11.45 AM-1:00 PM (CEST)

THE GLOBAL STOCKTAKE AND OCEAN-BASED CARBON DIOXIDE REMOVAL:
Opportunities, uncertainties, risks and future needs

BERLIN ROOM, WORLD CONFERENCE CENTER, BONN

UNESCO SHS:
Ethics of
Climate
Engineering
(in planning)

Function A: Regional Research



International Indian Ocean Science Conference (IIOESC) 2022

Valedictory Session
on
18th March 2022
16:45-17:45 UTC

Dr. H. Ravichandran
Secretary
Ministry of Earth System
and Ecology, India

Dr. Vladimir Ryzhov
Acting Executive Secretary
IOGOOS, IOC-2

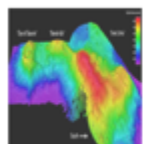
Prof. Sandeep Kumar Singh
Secretary
IOGOOS, IOC, India
and Chairman, IIOESC

Prof. Harish B. Meena
Vice-Chancellor
Cak University, India
and National IIOESC

Dr. Mihir Javed Bieg
Executive
IOGOOS, IOC, India
and National IIOESC

Dr. T. Subhadasa Kumar
Secretary
IOGOOS, IOC, India
and National IIOESC

Dr. Anand Laxkar
Secretary
IOGOOS, IOC, India
and National IIOESC



We've discovered an undersea volcano near Christmas Island that looks like the Eye of Sauron

NEW

- Most representative and successful conference for the Indian Ocean
- Future of IIOE-2, transformation to fit the 2030 Agenda, how to support from IOC

Thanks to INCOIS for running the IIOE-2 Project Office!

Open Science Conference on Eastern Boundary Upwelling Systems:
Past, Present and Future. 19-23 September 2022

Function A: Overall Support to Ocean Research



GOSR / SDG 14.a.1



State of the Ocean Report

- **Success as UN Custodian Agency for Indicator 14.a.1, portal**
- **Ocean Research Funding = ~1.1% of GERD**

IOC-32, Item 4.11

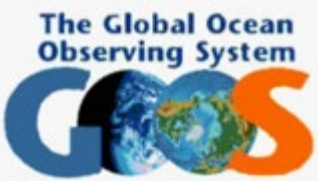
Indigenous and local knowledge

**INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION
(of UNESCO)**

**GUIDANCE ON DIALOGUE BETWEEN IOC PROGRAMMES
AND INDIGENOUS AND LOCAL KNOWLEDGE (ILK)**

IOC/INF-1430

**Paris, 27 April 2023
English only**

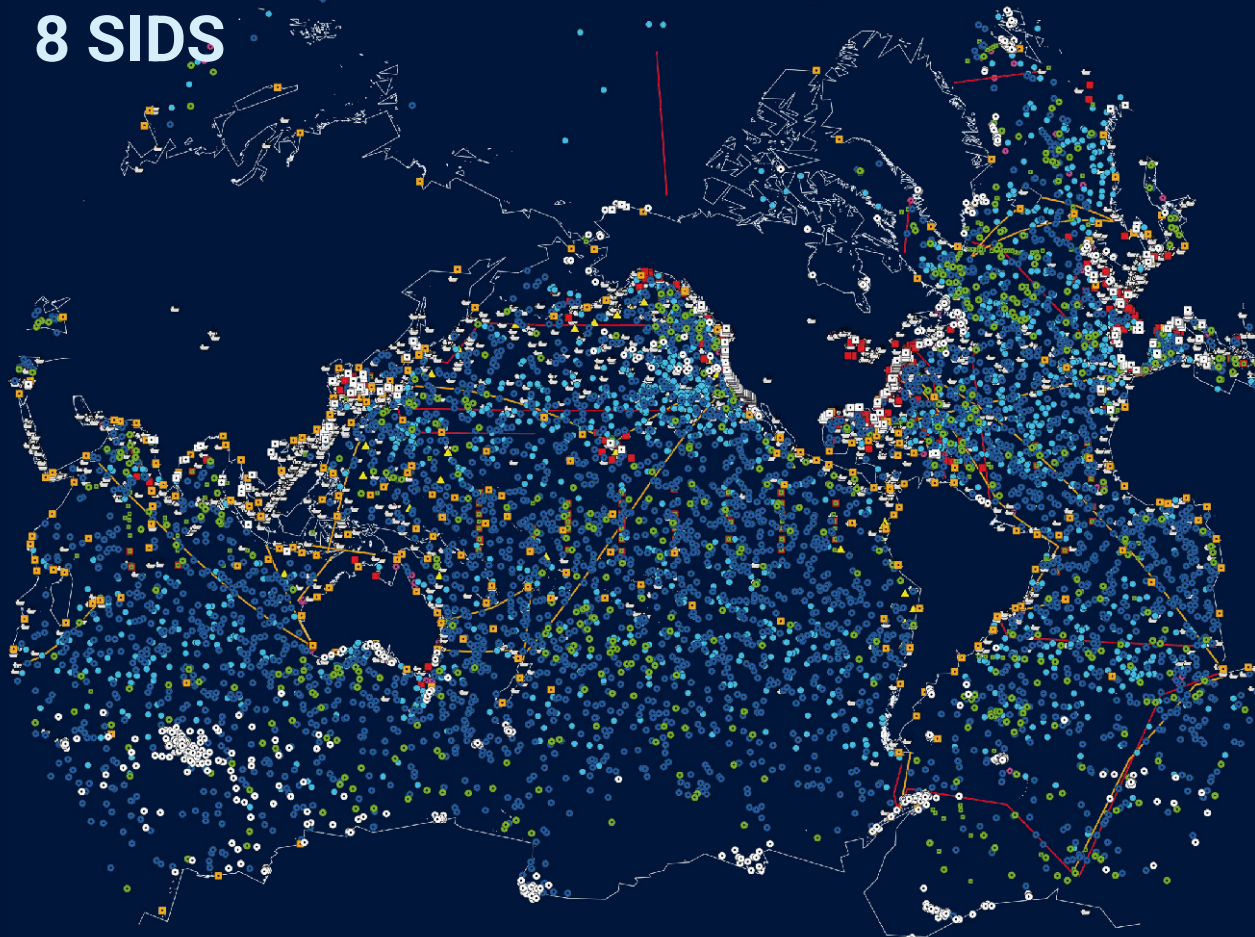


Function B: Observing System



84 countries 13 ocean observing networks 8,765 *in situ* operational platforms 100,000 daily observations

8 Africa
8 SIDS



**IOC-32,
Items 4.8-4.10**



**With special
thanks to
Emma Heslop
for holding
the fort!**



Function B: Observing System

- GOOS (IOC, WMO, ISC, UNEP), distributed office
- OceanOPS, shared with WMO using US rerouted funding after 2011
- BioEco portal hosted by OBIS
- Covid-19: initial resilience, scar in data sets to remain, esp. RAMA
- UN ICP on Ocean Observing (6-10 June 2022) – visibility within UN
- Decade Coordination Office nearing completion

> 50% of Decade Actions target Challenge 7



Ocean Observing Co-Design

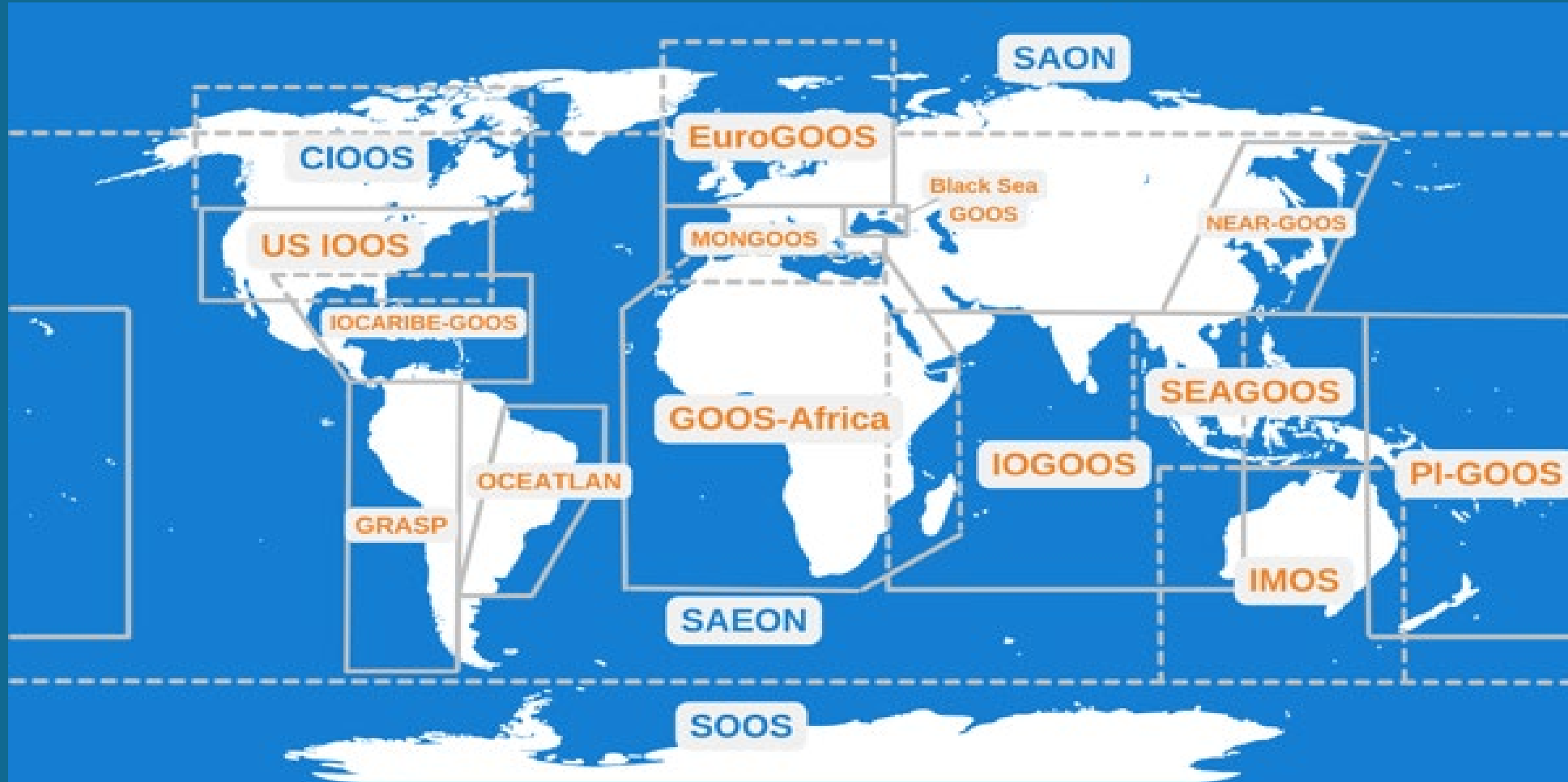


CoastPredict



Observing Together

Developing GOOS Regional Alliances



**Now 14 GRAs, across 130 countries, rejuvenation of 3 developing region GRAs
73 GOOS National Focal Points!**

Key targets for support – PI-GOOS (new home), IOCARIBE-GOOS, GOOS Africa

REQUIREMENTS

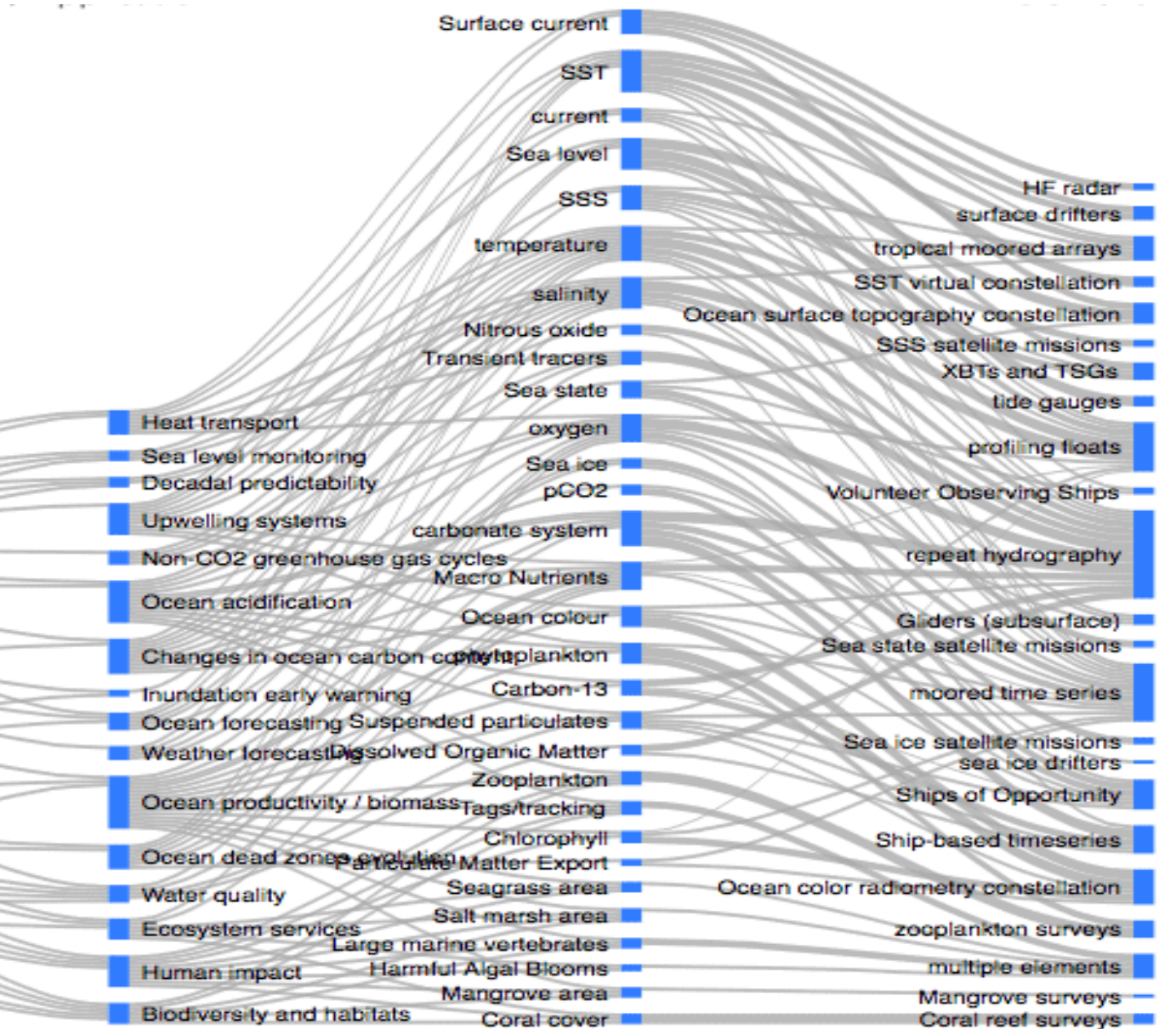
Theme	Societal Benefit	Scientific Issue, process	EOV	Network
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Sustained
 Framework for Ocean Observing
 Requirements System
 Global for Ocean
 Essential Ocean Variables EOVs
 Integrated
 Governed
 Readiness levels
 Pilot
 Mature

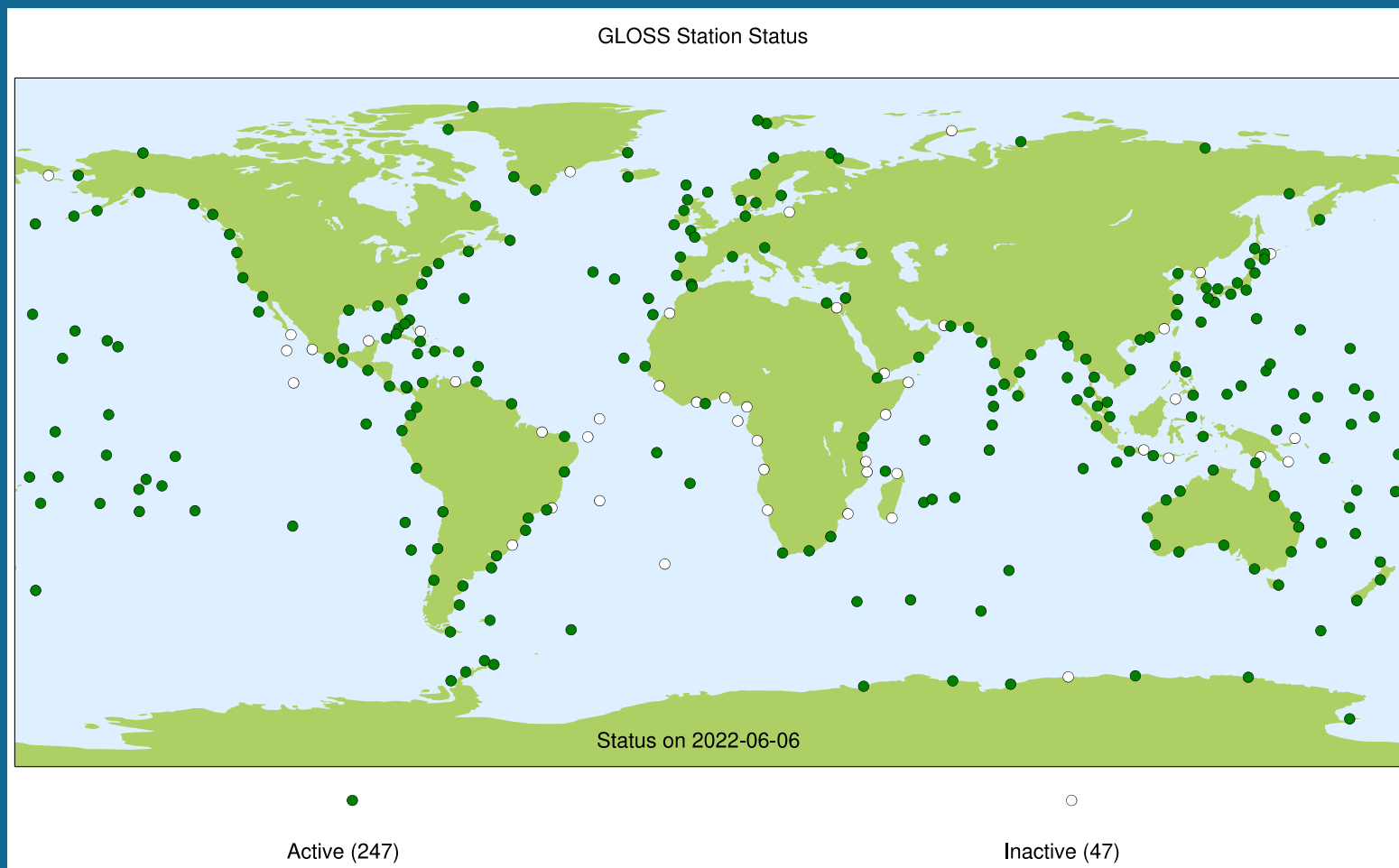
prepared by the post-OceanObs10 Task Team for an Integrated Framework for Sustained Ocean Observing

How to strengthen GOOS links to governments and make it a key part of an effective science – policy interface, globally and in nations?

- Climate
 - Climate services
 - Mitigation of climate change
 - Adaptation to climate change
- Real-time Services
 - Tsunami risk mitigation
 - Efficient maritime economy
 - Carbon storage
 - Human health
- Ocean health
 - Coastal protection
 - Food security
 - Tourism/cultural
 - Clean waters
 - Coastal livelihoods
 - Biodiversity









**IOC High-Level Objectives?
Economy, UN Frameworks?**



GLOSS Core Network Station Availability

Last updated on 06 Jun 2022

[\(Guide to data sources\)](#)

-  PSMSL Data
-  UHSLC Delayed Mode Data
-  UHSLC Fast Mode Data
-  VLIZ Data
-  SONEL Data
-  BODC Data

<https://gloss-sealevel.org/>

Function B: Data Management



**International Ocean Data Conference:
“The Data We Need for the Ocean We Want”**

- 1) 14- 16 February 2022, Sopot;**
- 2) 20-22 March 2023, UNESCO, Paris**

- 58 NODCs, 40 ADUs, 6 AIUs (2023)**
- MoU with Government of Flanders via its Marine Institute ->2026**
- Development of the Ocean Best Practices System (IODE/GOOS)**
- IODE to host the Decade Coordination Office for Data Sharing**
- IOC-32, Item 4.4 IOC Data Policy and Terms of Use (2023)**

Needed: intensification of data use and its conversion - through science intensive processing - to products of high societal value

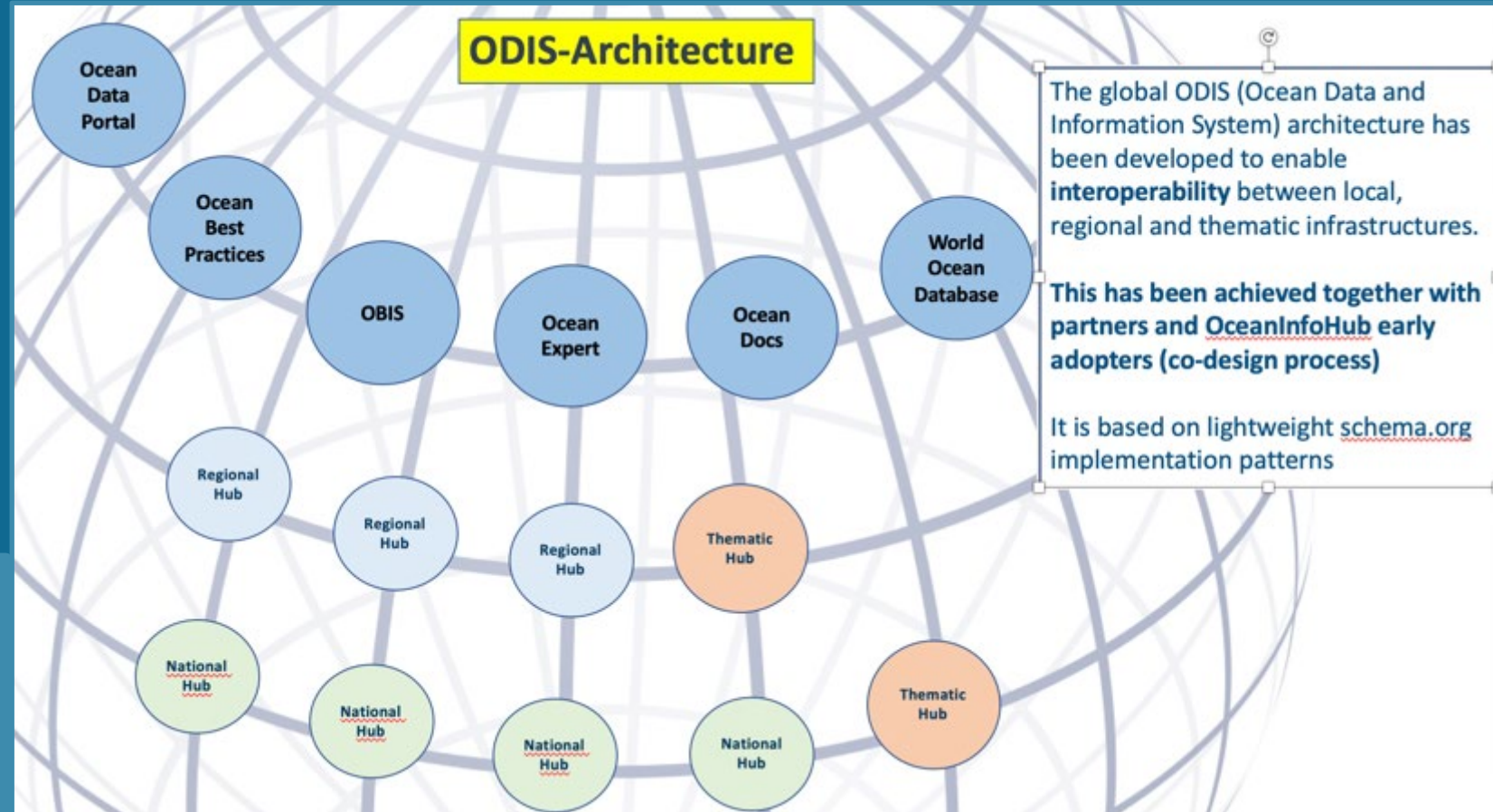
Function B: Data Management towards ODIS: Ocean Data & Information System

Goal: improve access to marine and coastal data and information, thus improving the flow of information to end users.

Approach: develop interoperability between existing information systems.

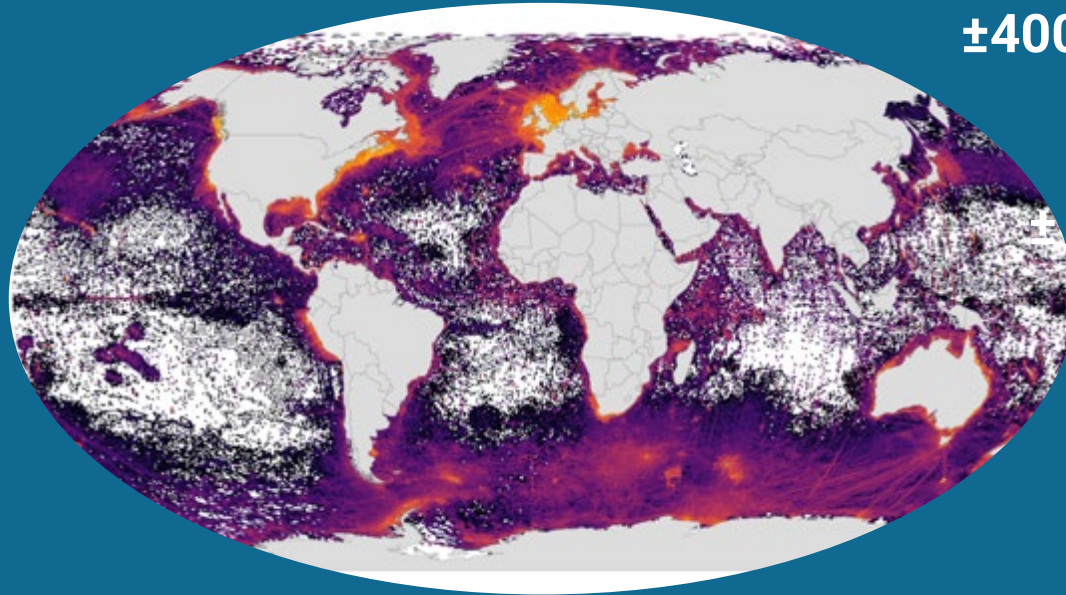
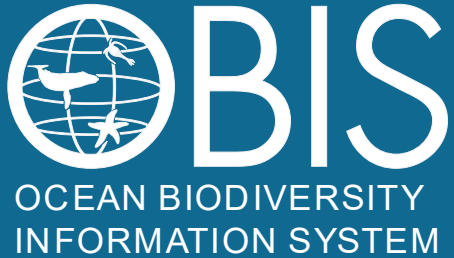
Pilot regions

1. Africa region,
2. Latin America and Caribbean region, and the
3. Pacific Small Island Developing States





Function A,B,C: Research, Observations, Data, Services

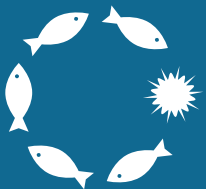


±400 new datasets added per year
±10 million records added per year
±200 scientific papers per year

109 million records
>1000 data providers
180,000 marine species

World's most comprehensive quality-controlled database on marine biodiversity for science, conservation and sustainable development

**KEY for 2030
GBF!**

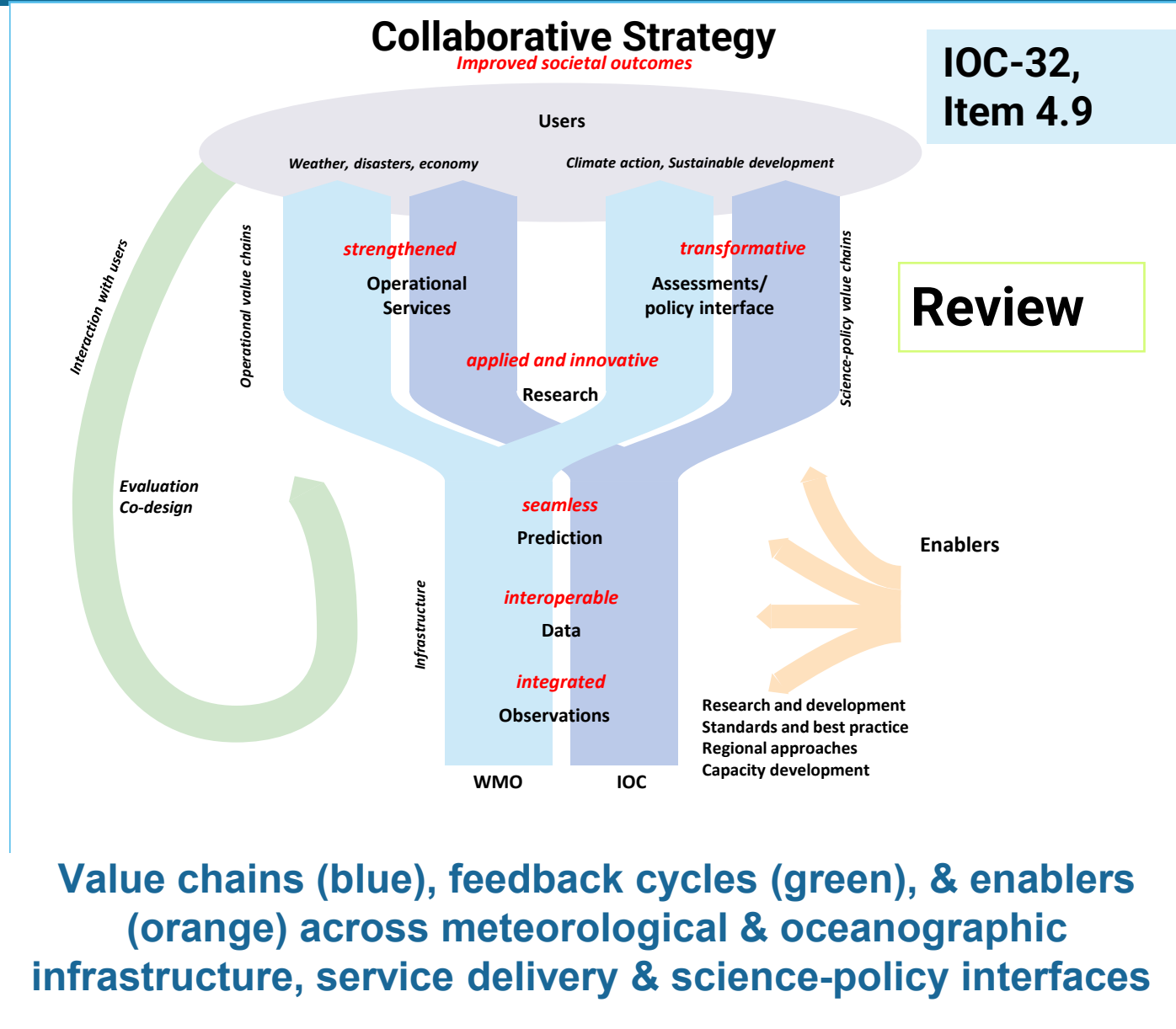
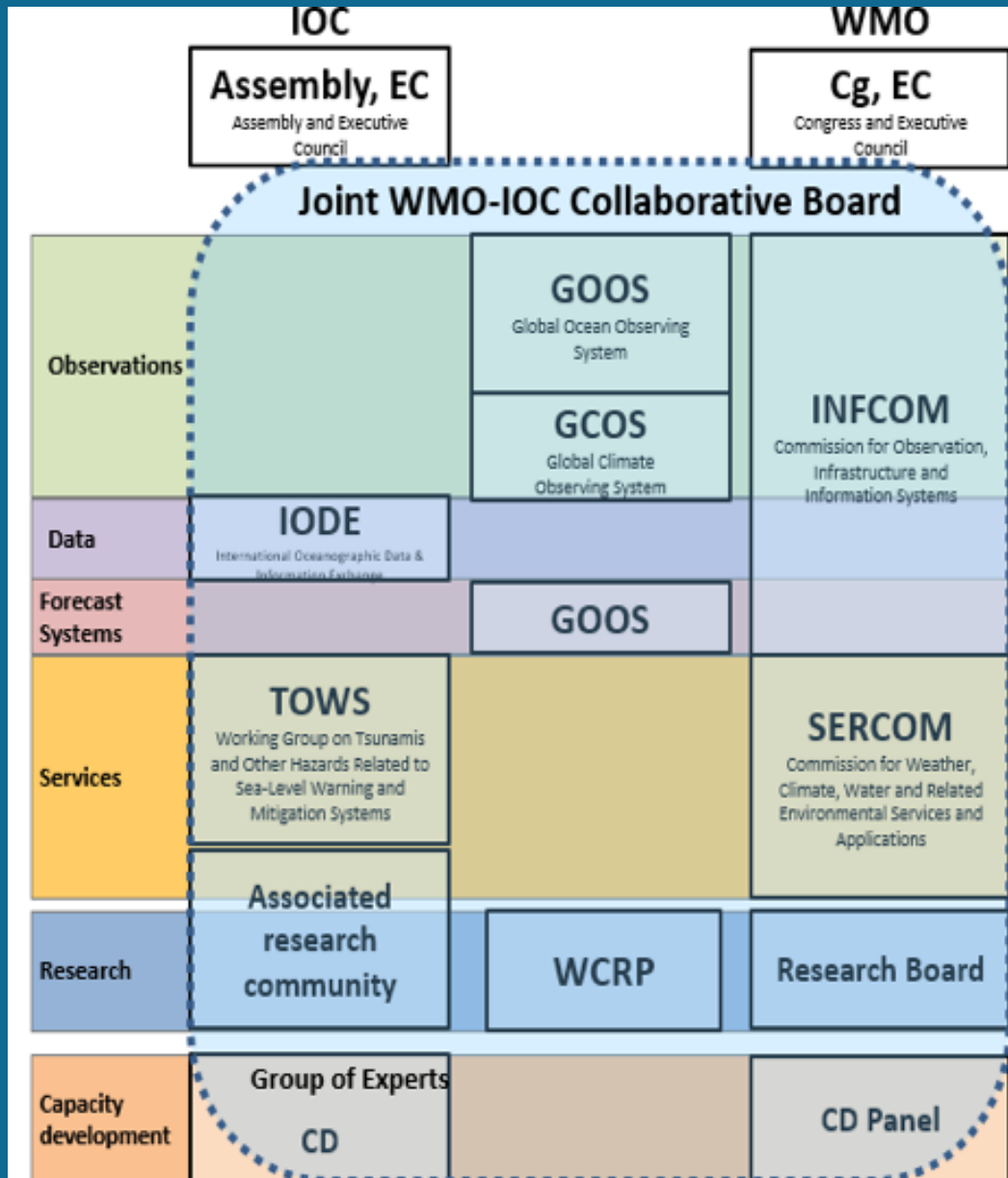


PacMAN

Pacific Islands Marine
Bioinvasions Alert Network

***Invasive species monitoring system
and early-warning decision-support
tool for Pacific Island States***

Functions A,B,C+: WMO-IOC Joint Collaborative Board

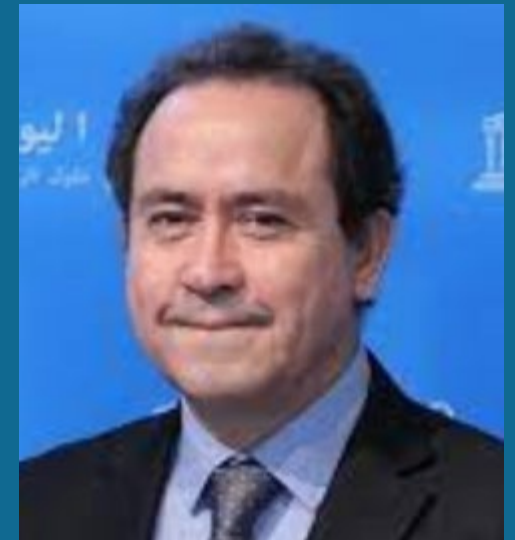


Function C: Tsunami



IOC-32,
Items 3.4.1

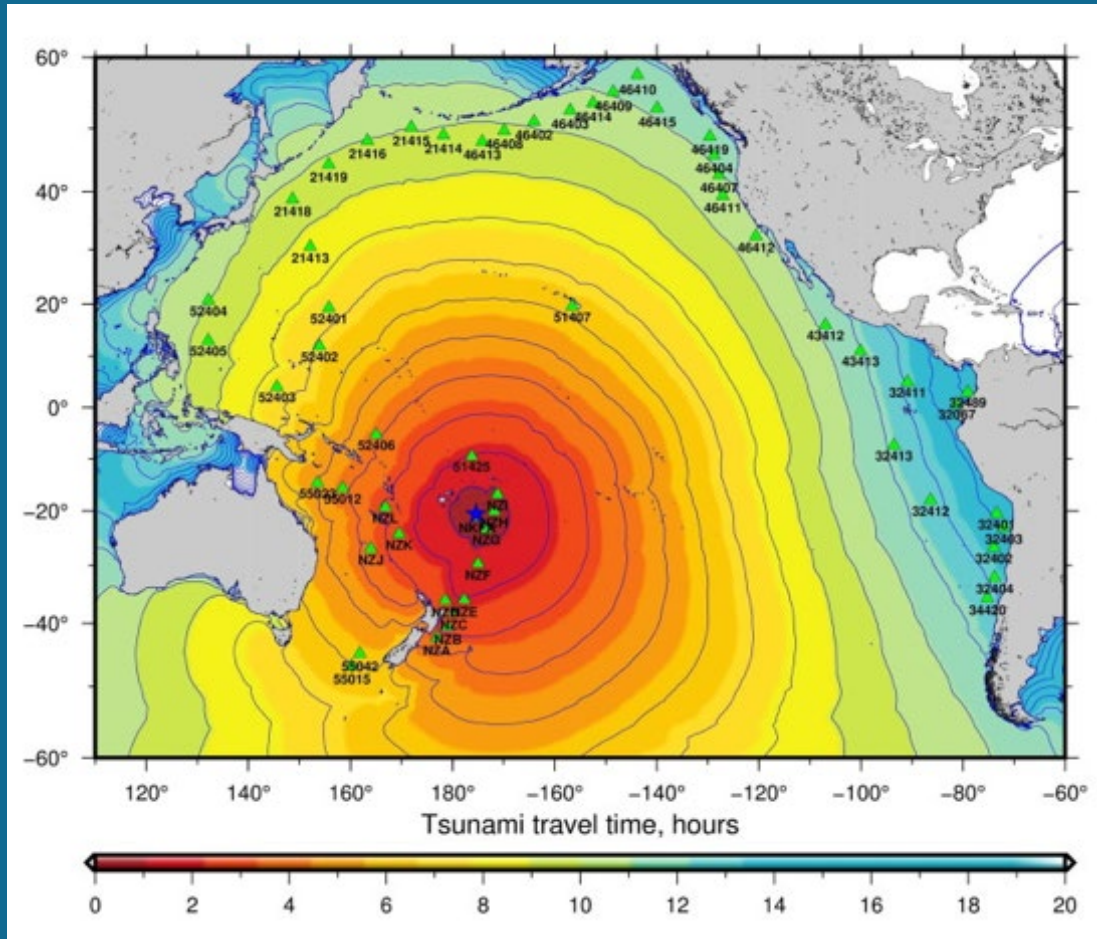
- **Progress in 4 regional systems and TOWS**
- Ocean Decade Tsunami Programme
- **Tsunami Ready Programme + Coalition**
- Funding and support by Member States
- **New funded projects, e.g. European Commission**
- Wave exercises
- **Cooperation with UN DRR and impact of the World Tsunami Awareness Day**



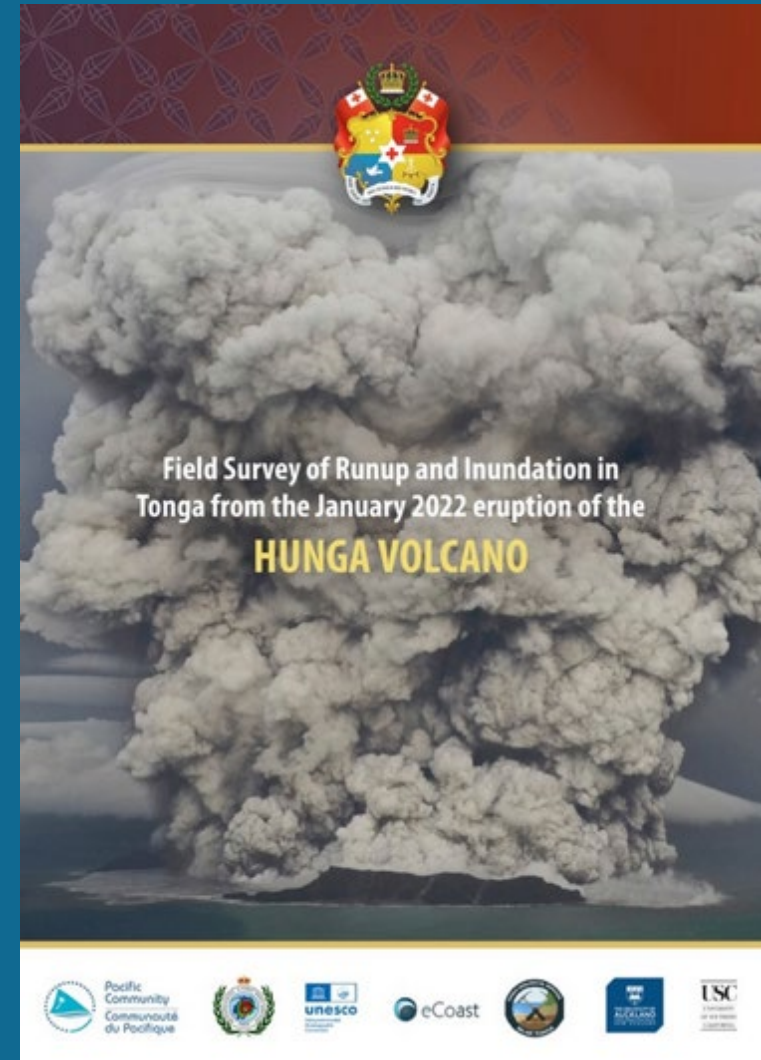
**Special thanks to
Bernardo Aliaga
for holding
the fort +
congratulations!**

Function C: Tsunami

Hunga Tonga - Hunga Ha'apai Volcano Eruption, 15 January 2022



**DART: Deep-ocean Assessment
and Reporting of Tsunami**

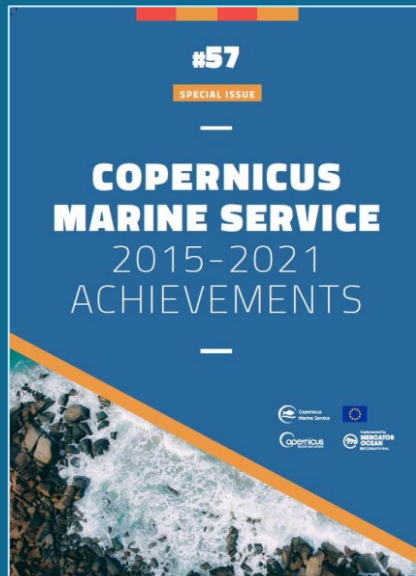


Function C: Services

IOC-32, Item
3.4.3



- GOOS Expert Team on Operational Ocean Forecasting Systems
Guide: *Implementing Operational Ocean Monitoring & Forecasting Systems*
3 trainings on Ocean Forecasting (hundreds of participants), 2 with OTGA
- Harmful Algal Blooms: institutional growth, FAO back, guidelines on EWS and toxins, testing in Africa, HAB-Solutions Decade Programme
- Copernicus Marine Environment Monitoring Service conversion into an intergovernmental non-profit organization **Mercator Ocean International** (France, Italy, Norway, Portugal, Spain, UK)



Function D: Assessment, Information for Policy



- **Reporting on SDGs as Custodian:**
 - 14.3 - Tier 2 - Portal with help of IODE – data growth, training
 - 14.a - Tier 2 - Portal with help of IODE - GOSR
- **Responsible for development, UNEP being Custodian:**
 - 14.1 – Index for Coastal Eutrophication Potential
- **WOA-3, 2021-2025:**
 - a brief on synergies between the Regular Process and the Ocean Decade to be produced
 - CD for ocean science-policy interface at national, regional and global levels: a symposium by IOC and UN DOALOS on 12–13 December 2023, UNESCO
- **StOR, item 4.2**

Function D: Assessment, Information for Policy



Cooperation Friendship with IHO

2015, 1st big **Question** to Executive Secretary:
Continue as a co-sponsor of GEBCO?

a) review, b) conscious decision 2016-2017: **Yes!**



1903-2016 (**113 years**): **5.5%** of compliant data in GEBCO grid

(IHO-3, May 2023): **25% !**
Impossible becomes possible!

Goal: 100%





4 existing Sub-Committees

- TSCOM (Technical Sub-Committee on Ocean Mapping)
- SCRUM (Sub-Committee on Regional Undersea Mapping)
- SCUFN (Sub-Committee on Undersea Feature Names)
- SCOPE (Sub-Committee on Communications, Outreach, and Public Engagement)

- The New Sub-committee, SCET: Sub-Committee on Education and Training, to develop and coordinate the education and training strategy of the GEBCO Programme

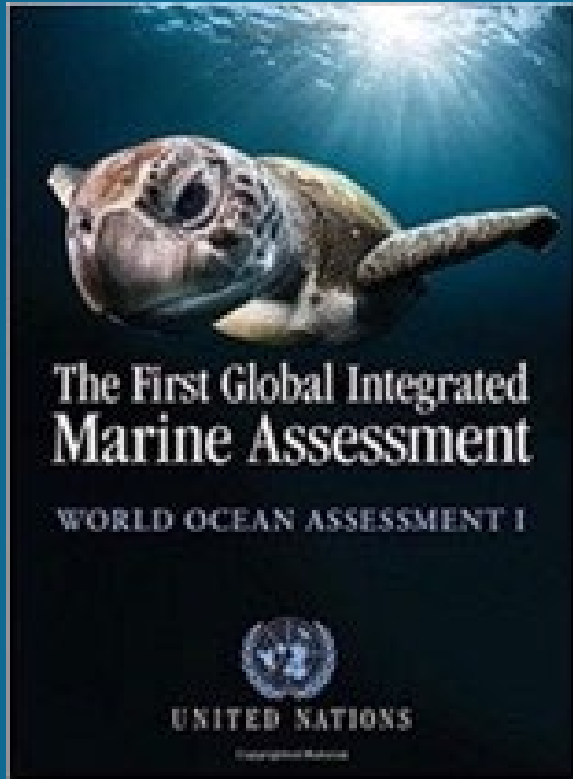
- 1) Review of Governance
- 2) Code of Conduct
- 3) Strategic Plan

Ocean mapping sets the system of coordinates for all ocean activities



Function E: Sustainable Management & Governance

2016



Humankind is running out of time to start managing the ocean

DRAFT STRATEGY FOR THE IOC/ICAM PROGRAMME

IOC-XXVI, 2011

	al Focused on measuring the state of LMEs through indicators; not focused on integrated management
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IOC-XXVI/2 Annex 11

Key Ocean Management Domains



Coastal zone management and adaptation



**Marine Spatial Planning/
Sustainable ocean economy**



BBNJ, MPAs, reserves, LMEs, heritage sites, UCH



Management of fisheries and aquaculture



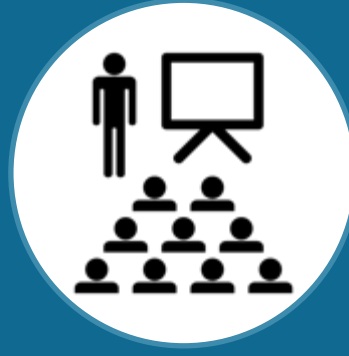
Adaptation to and mitigation of climate change, NDCs



Development of national R&D strategies & ocean policies



Real-time oceanographic, weather/climate services



Regional and national capacity development



Early warning systems



Commitment of 17 Panel Countries to sustainably manage 100% of EEZ by 2025



5 key sectors for transformation:

1. Food (x6)
2. Energy (x 40)
3. Low carbon transport & ports
4. Ocean restoration / protection
5. Tourism

- 20% of Carbon emissions gap
- GDP of 15 T\$ by 2050

5 “enablers” for:

“Sustainable Ocean Planning”

1. Stopping land-based pollution
2. Innovative lower-risk finance
3. Upgrading ocean accounting
4. Data + guidance (= science)
5. Ocean planning

+

6. Climate change mitigation/adaptation

IOC Work on Ocean Management

IOC-32, Item 4.6



Supporting GEF IW projects, with UNDP, UNEP : IW: Learn

Plans for a new pipeline of ocean projects with UNDP

Partner with FAO & Regional Banks on New GEF Ocean Programme

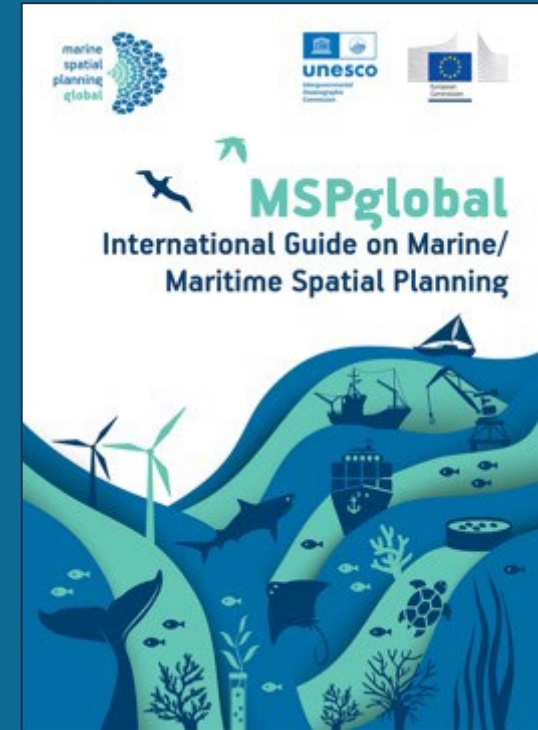
New GEF Projects in the Sargasso Sea and Black Sea (ABNJ)

Global Biodiversity Framework – High Seas

MSPGlobal 1 (2018-2021), 2 (2023-2024) starting now!
(Global MSP Conferences 2005, 2017, 2022)

Joint Roadmap with European Commission
Activities now in 140+ countries

Support: EC, Sweden, Norway (NORAD)



Ocean Science Value Chain and Avenues for Action



- Climate (UNFCCC and its Paris Agreement)
- Kunming-Montreal Global Biodiversity Framework
- BBNJ (“High Seas Treaty”)
- Work on SDG 14
- Sustainable Ocean Economy

For the 1st time in history we know what needs to be done:

climate-smart, ecosystem-focussed, ethical & equitable ocean management on the basis of science-supported ocean planning for a sustainable ocean economy

(consolidated approach, overcoming silos; it is feasible)



IOC-32 Item 4.7 *IOC-wide strategy on Sustainable Ocean Planning and Management*

Function F: Capacity Development

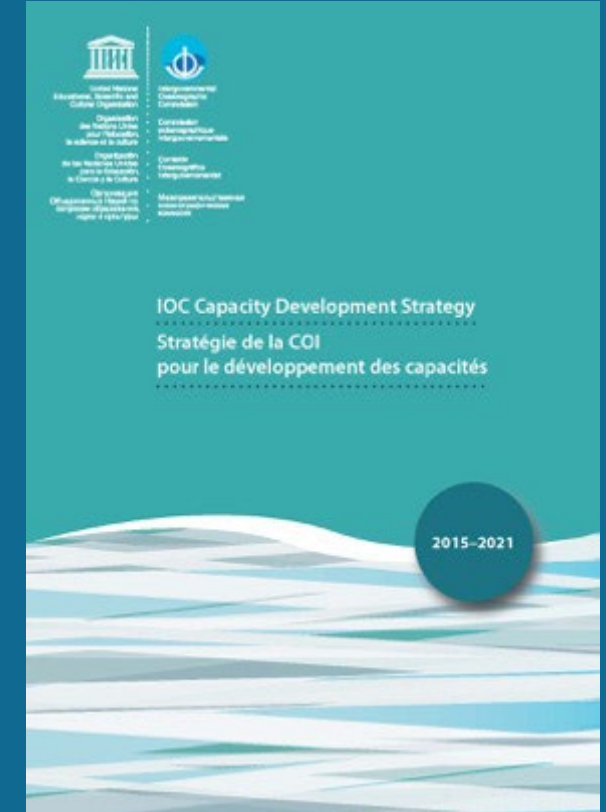
IOC-32, Item 4.3



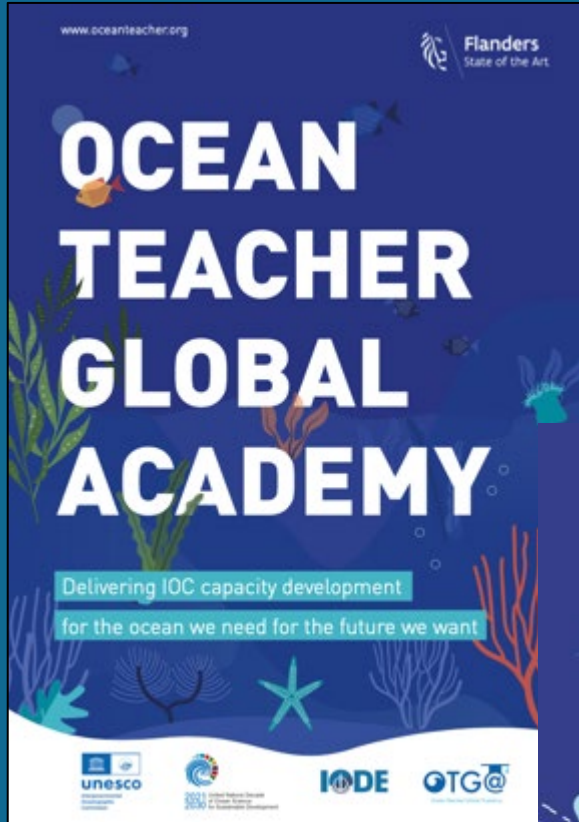
Working Group on the revision of IOC CD Strategy (3 meetings in 2022)

IOC Capacity Development Strategy (2023–2030) and related Outreach and Communications Plan

- Database on experts and their institutions: **OceanExpert**
- Knowledge database: **AquaDocs**
- Sharing methodology expertise: **Ocean Best Practices**
- Continuous professional Development: **OceanTeacher Global Academy**
- Sharing capacity development opportunities: **Ocean CD-Hub**



Function F: Capacity Development



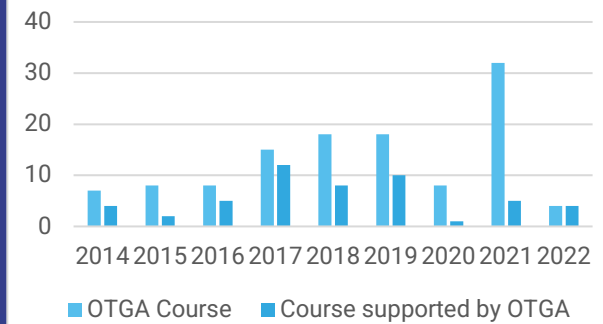
OceanTeacher Global Academy

<https://www.oceanteacher.org>

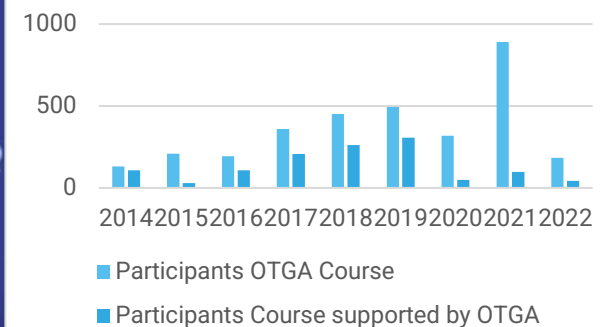
- Global network of 17 Specialised and Regional Training Centres
- Gender-balanced training relevant to IOC regions in 4 languages



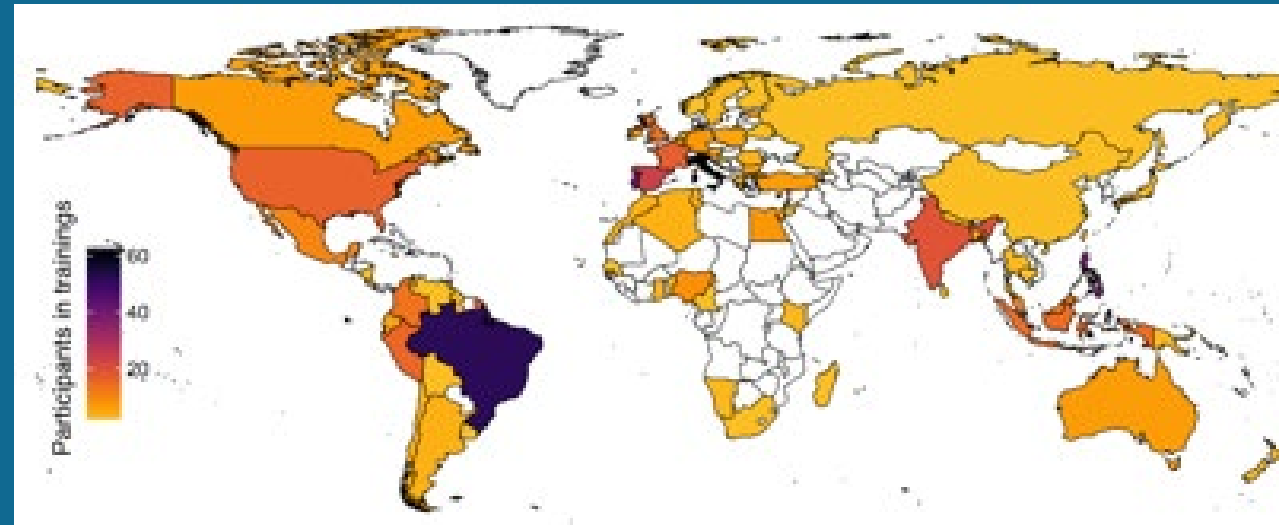
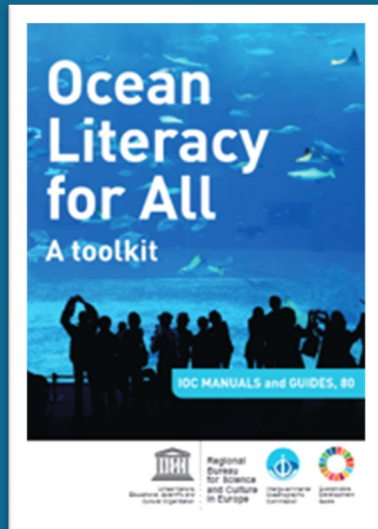
Courses 2014-2022



Course participants 2014-2022



Function F: Ocean Literacy (started in 2017)



**Strategic Plan
WG
Intense work
Venice Office**



Function F: UNESCO C2Cs, Chairs



Regional Education and Research Centre on Oceanography for West Asia (RCOWA), I.R. of Iran (renewed)

International Training Centre for Operational Oceanography (ITCOOcean), India (renewal starting)

International Centre for Capacity Development: Sustainable Use of Natural Resources and Societal Change (GRO), Iceland: first UNESCO cross-sectorial C2C with training on ‘Science for sustainable fisheries’

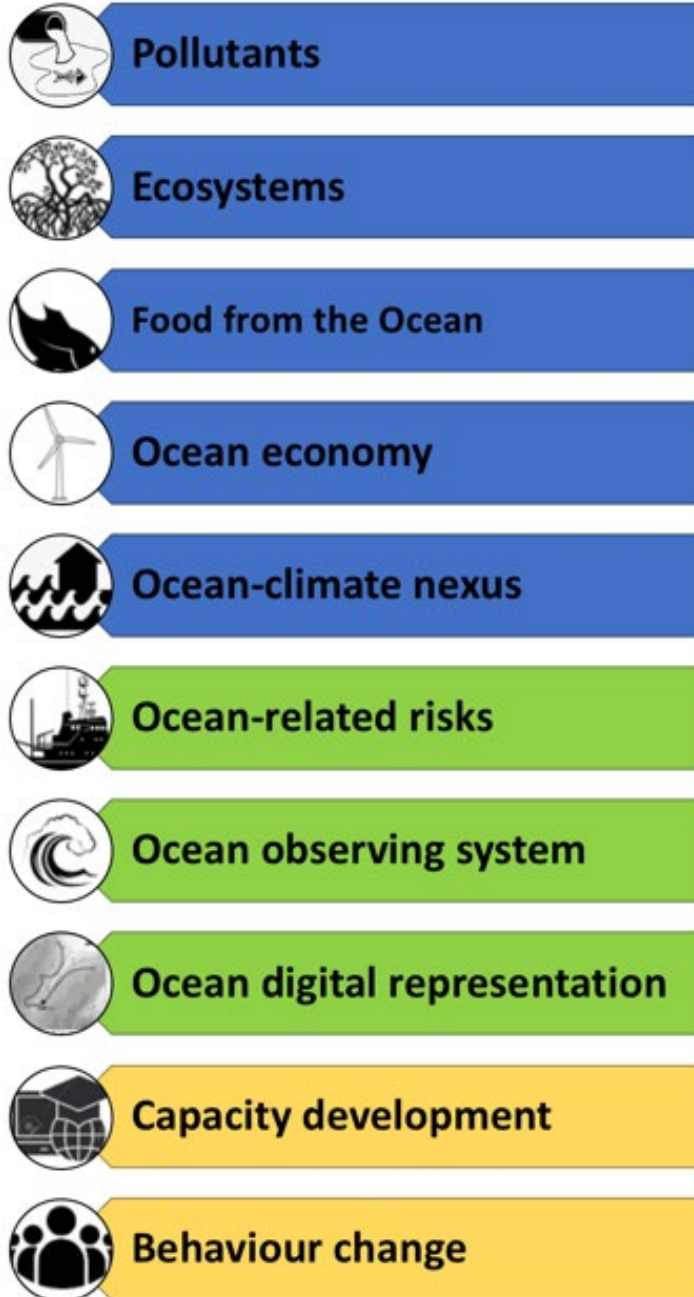
UNITWIN Network of Marine Chairs is being established



The science we need for the ocean we want

- Clean
- Healthy and resilient
- Productive
- Predicted
- Safe
- Accessible
- Inspiring and engaging

OCEAN DECADE CHALLENGES



ENDORSED OCEAN DECADE ACTIONS



DECADE ACTIONS LED BY PARTNERS FROM 60 COUNTRIES

DECADE ADVISORY BOARD

15 MEMBERS
14 COUNTRIES
8 WOMEN
7 MEN
5 MEETINGS



REGIONAL AND NATIONAL COORDINATION

7 REGIONAL TASKFORCES AND PROGRAMMES

35 NATIONAL DECADE COMMITTEES

12 DECADE IMPLEMENTING PARTNERS

10 DECADE COLLABORATIVE CENTRES/COORDINATION OFFICES



ENGAGEMENT AND OUTREACH



1+ MILLION REACH

10 PATRONS AND 18 INSTITUTIONAL MEMBERS OF THE OCEAN DECADE ALLIANCE



5 INFORMAL WORKING GROUPS

OVER 20 MEMBERS OF THE FOUNDATIONS DIALOGUE



6,500 MEMBERS ON THE OCEAN DECADE NETWORK

IOCAFRICA

IOC-32, Item 3.3.1



Activities: CD, MSP (Forum), GOOS Africa with help of GMES, OTGA, ...
OA work in 5 countries (thanks NORAD!), support to GOOS Africa exper
Ocean Decade Africa Roadmap and Task Force - a step change?
Thank you Egypt for the Conference in Cairo!



Way forward?

Ocean Planning for Sustainable Ocean Economy can be the goal.
Ocean observations and new ODINAFRICA can be the solutions.
Ocean Decade Task Force can help to illuminate the path.
CD and OTGA can help to generate the human resource.

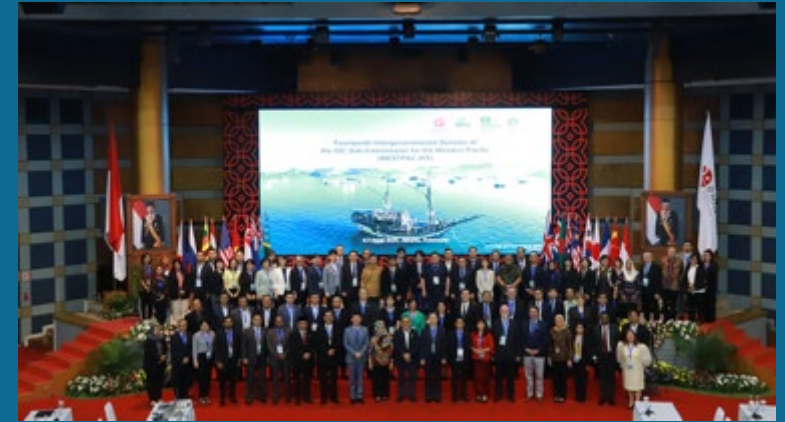


Thanks to retiring Mika for his long-term service!
The search for Head of IOCAFRICA Office is on.



Focus of the effort:

- OA, remote sensing, harmful jellyfish guidance, MSP, coral reef MPA management, ...
- Ocean Decade Kick-off Conference, establishment of Decade Coordination Office
- WESTPAC RTRCs:
 - MarBEST,
 - Ocean Dynamics and Climate,
 - Coral Reef Restoration & Management,
 - Marine Toxins and Food Security,
 - Plastic Marine Debris,
 - Coastal Contaminant Monitoring and Marine Innovative Technologies (emerging)



Why so successful?

True interest and tangible support by Member States, keep up!

IOCARIBE (40 years! In 2022)

IOC-32, Item 3.3.3



Active in using the Ocean Decade for engaging Member States:
7 projects, 1 activity, Decade Coordination office in preparation
Tropical Americas and Caribbean Regional Planning Group -> Task Force
IOCARIBE GOOS reorganization
Harmful Algae – linkages to Sargassum WG
Oil spill monitoring
OTGA Hub at INVEMAR
Great Support from Colombia



Lorna, welcome onboard!

Way forward?

Stocktaking, great potential contributors exist, focus on key (if not existential) issues for the region, use the convening and energizing power of the Decade

IOCINDIO

IOC-32, Items 3.3.4 and 4.5



- Regular Sessions since 2016
- Focus: ocean economy, coastal vulnerability, IIOE-2

Way forward?

Transformation into a Sub-Commission

Establishment of a dedicated secretariat

Focus on key issues for central Indian Ocean, e.g. coastal vulnerability

Capitalization on excellent and powerful research in place and technology

Truly multi-national effort is expected



Communication



- IOC highly visible as leading the **UN Ocean Decade 2021-2030**
- **#GenOcean Campaign** launched February 2022: <http://genocean.org>
- **IOC Newsletter** (~4'500 subscribers) +
- thematic newsletters (Ocean Literacy, MSP, HABs, etc.)
- IOC – co-organizer of the **UN World Oceans Day** (unworldoceansday.org)
- Expanded social media presence:
LinkedIn **(10.9K)**, Instagram **(9.3K)**, Facebook **(25.7K)**, Twitter **(19.2K)**



- 6.1 DRAFT PROGRAMME AND BUDGET FOR 2024–2025 (Draft 42 C/5)
- 6.3 DRAFT ACTION PLAN IN RESPONSE TO THE IOS EVALUATION OF THE IOC STRATEGIC POSITIONING|

Detailed analysis to be undertaken under the Financial Committee

IOS Evaluation of IOC strategic positioning

EC-55 request to estimate needed budget and resources



Sustainable delivery and expansion of IOC activities: estimate of required budget, including human resource needs

(Document distributed by IOC Circular Letter No. 2912)

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IOC's needs for additional funding (assuming EXB)

Function	No. of posts outside RP	Needed Total Funding above RP (US\$)
A	5	3,000,000
B	19	12,000,000
C	7	8,000,000
D	5	2,000,000
E	6	4,000,000
F	8	5,000,000
Decade	10	6,000,000
Total	... 60 (i.e. 30 additionally to current posts outside RP)	40,000,000

Conclusions:

increase of **workforce from 60 to 90**,
staff outside RP requires more stability,
increase of **budget from 30M\$ to 50M\$**,
need stable **"core voluntary contributions"**

42 C/5: IOC Budget

IOC-32, Item 6.1



Scenarios (biennium 2024-2025):

1) Zero Nominal Growth

RP: +400K\$

2) Base Case

RP: + 2.3M\$

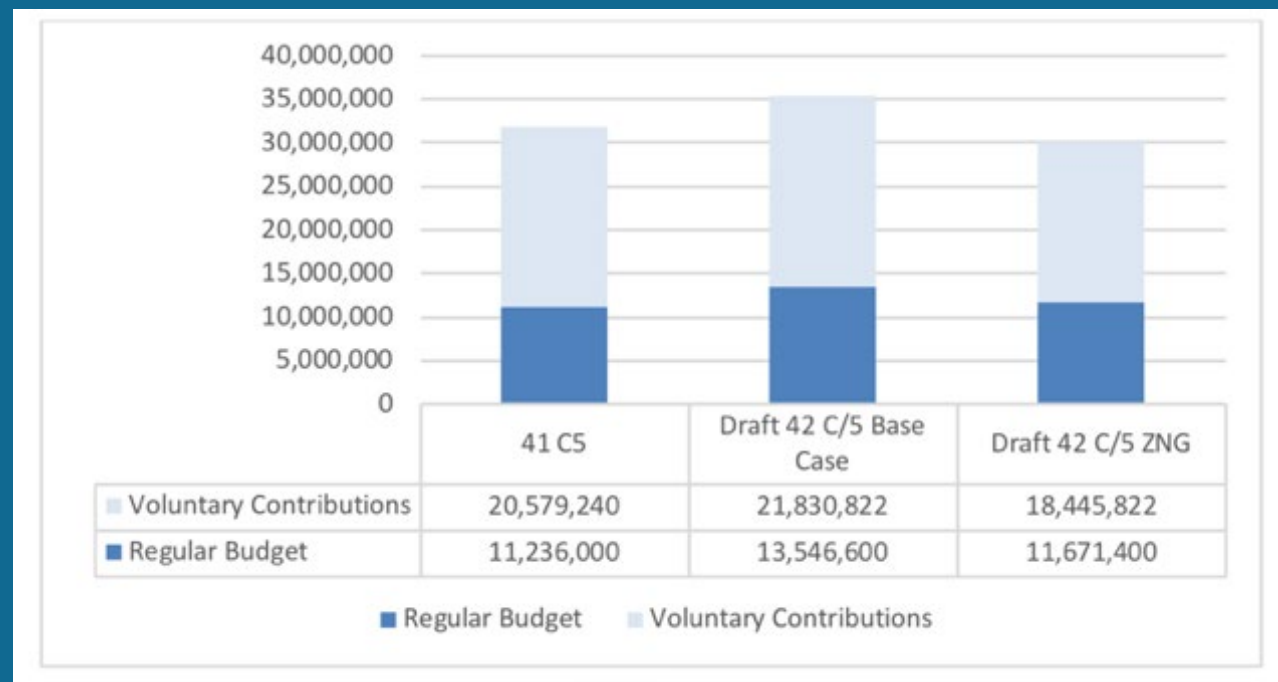
3) Decision UNESCO ExB (sponsored by 54 MSs!)

RP: +2.3M\$ + ~4M\$

4) US return

RP: +2.3M\$ + ~4M\$+

(5th Extraordinary General Conference of UNESCO, 29-30 June 2023)



DRAFT ACTION PLAN IN RESPONSE TO THE IOS EVALUATION OF THE IOC STRATEGIC POSITIONING



IOC-32, Item 6.3

SUMMARY OF PROPOSED ACTIONS & UPDATES ON PROGRESS

	Actions Planned	Progress as of May 2023	Responsible Unit(s)	Estimated Date for Completion
Recommendation 1: By September 2022 – Follow up on the request of the IOC-UNESCO 30th Assembly by estimating the necessary resources and accelerating the application of provisions of Article 10.4 of the IOC-UNESCO Statutes to effectively operate the IOC at an “optimal” level, as well as to determine the most appropriate organizational setting in view of IOC’s envisaged global role in science-based ocean management and leading the UN Ocean Decade.	1.1 Obtain professional legal advice on the implications of utilizing Article 10.4 of the IOC Statutes to attract additional funding to the Commission to ensure effective and continuing delivery of its global and regional programmes, including the Ocean Decade;	In line with the decision of the IOC Executive Council at its 55 th session requesting the Executive Secretary to prepare ‘an estimate of the budget, including the needs in human resources, necessary to sustainably deliver IOC’s core programmes and to expand its activities in response to increasing demands of Member States and other stakeholders’ (reference Resolution IOC-XXX-3 and Resolution EC-55/2) was implemented through CL 2912. Given the strategic programmatic scope and the mid- to long-term ambition of the proposal, it requires further discussion by Member States and is therefore included in the agenda as a separate item 5 – ‘IOC and the Future of the Ocean’.	IOC ES in consultation with BSP and LA	Q2 2024 – document for IOC EC-57
	1.2 In cooperation with the UNESCO Bureau for Strategic Planning (BSP), set up a Structured Financing Dialogue with a view to attracting new donors. To aid with this, identify a small group of Member States, perhaps current main contributors, that could serve as advocates and lead peer-to-peer resource mobilization and engagement conversations;		IOC ES, in consultation with BSP & IOC Officers	Course of 2024

**6 Recommendations -> 27
Actions**

Work for FinCom

When I go in December 2023, I hope to leave IOC

- **leading the world's oceanography (Decade) and having an important and recognized role in the UN system (UNOC 2025 hopefully to decide on a common plan of ocean action in the UN system),**
- **on the road to sustainable ocean management / planning (climate-smart SOP for a healthy and sustainably used ocean),**
- **with increased budget,**
- **more functionally autonomous,**
- **with a strong, professional, healthy and motivated Secretariat,**
- **forming value chain - globally, in regions and in nations.**

Last thoughts/thanks

IOC builds science to create harmony in human relations with the ocean. Thanks to Member States, la raison d'être of IOC and UNESCO!

Current IOC stands on the shoulders of giants.

Thank you Chairs and Officers who guided IOC during my tenure (Sang-Kyung Byun, Peter Haugan, Ariel Troisi, and predecessors)!

Thank you UNESCO - best organization in the world building defences of peace in the minds of people!

To the IOC Secretariat: thank you, dear friends, for the honour, privilege, and fun to be a part of the *dream team*!

Best wishes to my successor in taking IOC to future !