







31st Session of the IOC Assembly

Key accomplishments over the last intersessional period and major results of the WESTPAC—XIII (27-29 April 2021)

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IOC Sub-Commission for the Western Pacific, IOC/UNESCO

Agenda 3.3.2

Please refer to the full report (IOC/SC-WESTPAC-XIII/3s)

WESTPAC development since June 2019









June-Dec 2019: Field activities

Seawater collection and handling for carbonate chemistry in the Gulf of Thailand, 19 Dec 2019





RTRC-MarBEST on Assessment of Carbon Stock and Sequestration in Seagrass, 4-12 Nov 2019, Bintan Island, Indonesia



RTRC-ODC training on Air-Sea Interactions, 17-28 Jun 2019, Qingdao, China



A Harmful Jellyfish Sampling Protocol Workshop 7-9 Aug 2019, Penang, Malaysia



Delivering Ocean Forecasting Services for Coral Reef Conservation, 11-13 Sep 2019, Phuket, Thailand



Distribution, Source, Fate and impact of marine microplastics, 6-8 Nov 2019, Shanghai, China



Inception Workshop on Ocean Oxygen Network 20-22 Nov 2019. Manila, the Philippines

2020: Webinar Series

















DECADE OUTCOMES

"THE OCEAN WE WANT"



A clean ocean



A healthy & resilient ocean



A productive ocean



A predicted ocean



A safe ocean



An accessible ocean



An inspiring & engaging ocean

WESTPAC KEY AREAS OF **ACTIONS**

A: Ocean processes and climate change

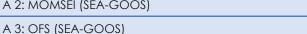
B: Marine biodiversity and seafood safety and security

C: Ocean ecosystem health

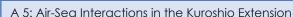
Regional Network of Training and Research Centers (RTRCs) on **Ocean Science**

WESTPAC PROGRAMMES/WORKING GROUPS

- A 1: NEAR-GOOS
- A 2: MOMSEI (SEA-GOOS)









A 7: South China Sea Fluvial Sediment and its Environmental

A 8: Indo-Pacific Ocean Environmental Variations and Air-Se

B 10: Coral Reef Conservation, Restoration and Resilience

A 9: Feasibility on the 2nd CSK (IWG)





B 11: DNA taxonomy and recruitment monitoring

Intergovernmental Oceanographic Commission Harmful Algal Bloom

B 12: Marine toxins and seafood safety

B 13: Marine endangered species

B 14: Marine toxins and seafood safety

C 16: Ocean remote sensing for coastal habitat mapping

C 17: Harmful jellyfish research and monitoring

C 18: Marine microplastic research and monitoring

C 19: Harmful algae blooms

C 20: Ocean Oxygen Network (WG)

A+B+C: Energy and Materials Exchange Between Land and Open Ocean (WG: Marginal Seas)





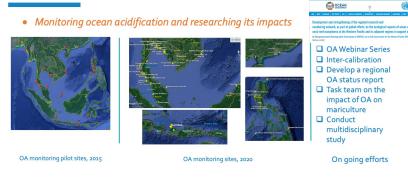


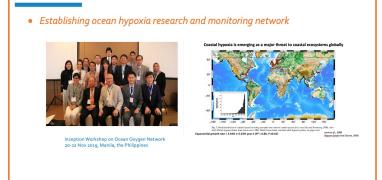


Delivering knowledge and services to serve the needs of our Member States for ocean sustainability



















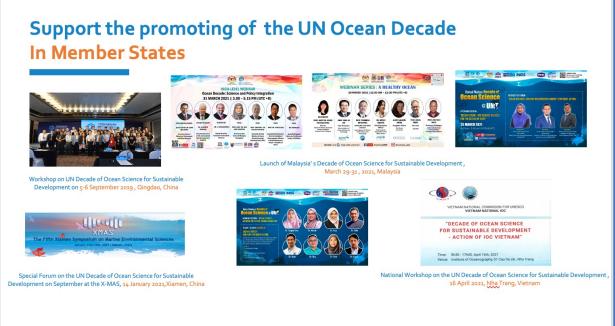




Mobilizing Actions for the UN Ocean Decade

Cultural Organization · Commission

in the Western Pacific and adjacent areas













Capacity development & transfer of technology



exposure of young scientists

Integrated capacity development tools



"If you want to go fast, go alone; if you want to go far, go together!"





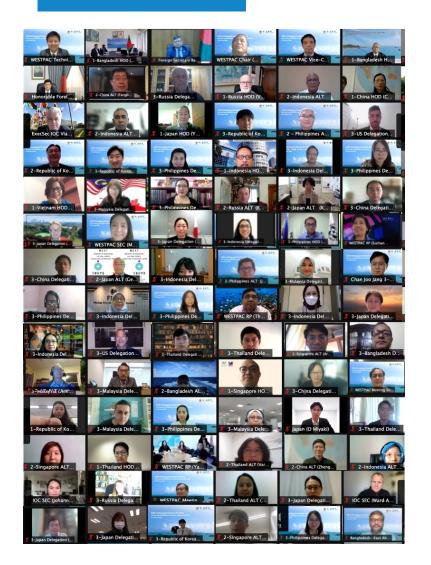






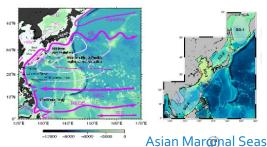


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Overwhelming support received for the continued efforts in assisting MS to address their development challenges

Establishment of new programmes/Working Groups









2nd Cooperative Study of Kuroshio

and its adjacent regions

WG: Indo-Pacific Convergent Center -Marine Ecosystem and Biodiversity (I₃PCC-MEB)

WG: Gas hydrate study

WG: Rapid detection technologies for harmful algal blooms

Promoting, and mobilizing actions for the Ocean Decade

Major results







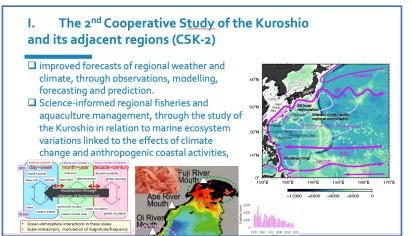


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Guiding principles for proposal development

- "Issue based, co-designed and solution-oriented" approach; responding to national and regional priorities;
- Capitalizing on and strengthening existing networks and resources; and engaging more relevant stakeholders;
- Integrating capacity
 development as an integral
 part of the proposed Action;
- Building on a strong willingness and commitment

Development of pipeline proposals for UN Decade Actions
 A non-exhaustive list for inputs, engagement and
 commitments





"Making ocean science more relevant"





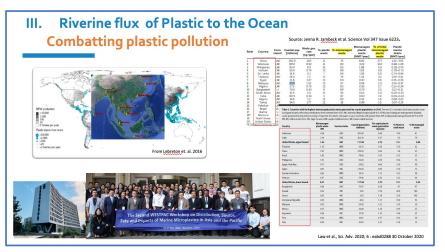


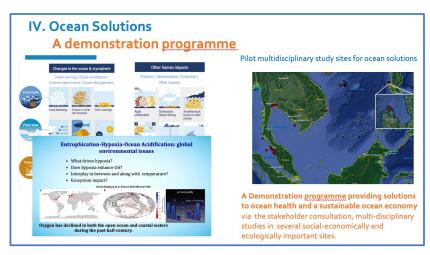




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 Development of pipeline proposals for UN Decade Actions (cont'd)-a non-exhaustive list







Live fish Trade depends much



VII. UN Ocean Decade Regional Conference Series with the WESTPAC IMSC(2022,2025,2028,2031)

- Celebrate the launch of , review the progress of , the Ocean Decade and create excitement amongst diverse stakeholders across geographies and across generations in relation to their engagement in the Ocean Decade.
- Present the current status of ocean scientific knowledge, including pressures, threats and priority issues, identify gaps that need to be addressed in the region:
- Catalyze partnerships and initiate co-design of transformative solutions amongst diverse stakeholder groups to contribute to the Ocean Decade Challenges and achieve the Decade outcomes and vision.
- Provide a forum for supporters of the Decade to announce commitments to the Decade including flagship Decade Actions or
- Lay and keep strengthening the foundation for dialogue and collaboration amongst diverse Decade stakeholders.













Of the 13th Intergovernmental Session of the Sub-Commission (27-29 April 2021, online)



- Promoting, and mobilizing actions for the Ocean Decade
 - Welcomed the kind offer of the Government of Thailand to host: (i) a Decade Coordination Office; (ii) the Decade Regional Kickoff Conference (August 2021, online), and the first Decade Regional Conference in conjunction with the 11th WESTPAC International Marine Science Conference in 2022.
- Adopted its Programme and Budget (May 2021-Apri 2023) –
 most of joint activities to be conducted via EXB support
- Election of WESTPAC Officers















Acknowledgement







































and Fisheries







































Tel











"We ourselves feel what we are doing is just a drop in the ocean. But the ocean would be less because of that missing drop."

-Mother Teresa