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UN 21: Accelerate Marine Spatial Planning in the Western Pacific and its Adjacent Areas

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

Fourteenth Intergovernmental Session of the IOC Sub-Commission for the Western Pacific
4-7 April 2023, Jakarta, Indonesia



Presentation outline



- Introduction
- Timeframe and objectives
- Activities and progresses made from 2022-2023
- Objectives to be achieved (May 2023- April 2025)
- Plan activities for May 2023-2025

Introduction



Marine ecosystems face increasing pressure from climate change, habitat destruction and over exploitation, threatening economic activities that depend on these resources. Human activities in coastal and marine areas have increased, and many activities need more **comprehensive planning** and **decision-making** to achieve **sustainability**.

IOC-UNESCO definition:

“The public process of analyzing and allocating the spatial and temporal distribution of human activities to achieve ecological, economic, and social objectives that are usually specified through a political process.”



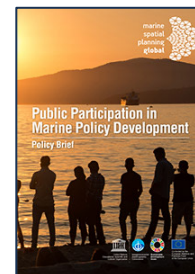
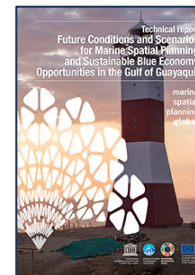
- About 100 countries/territories have MSP initiatives, ranging from early stages to plan review
- IOC-UNESCO identified more than 300 MSP initiatives (both government-led processes and pilot exercises)
- 38 countries have approved plans (national, sub-national and/or local scale)

Introduction

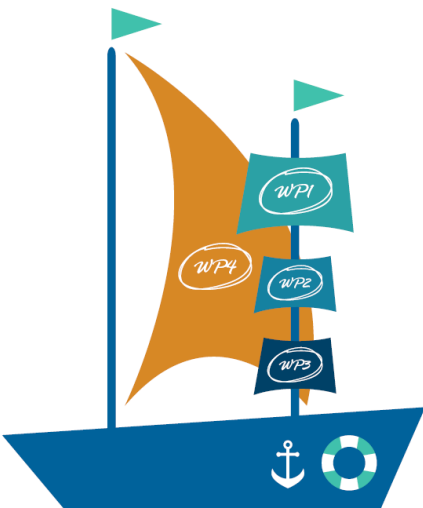


MSPglobal Initiative (2018-2021)

- International Guide on MSP
- Western Mediterranean (transboundary pilot)
- Southeast Pacific Pilot (transboundary pilot)
- Participation & Communication

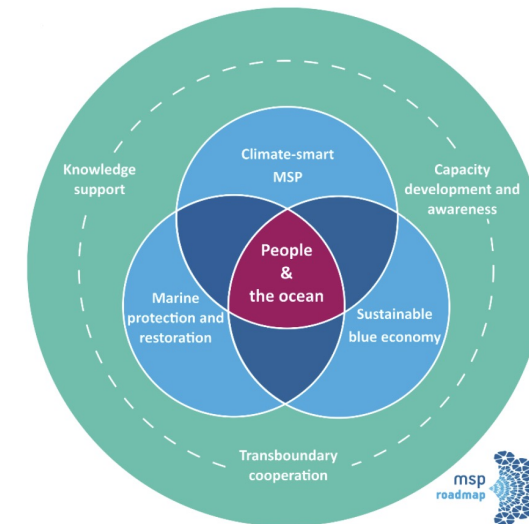


- ✓ About 5,000 stakeholders from over 140 countries
- ✓ About 150 activities
- ✓ 10 technical reports
- ✓ 6 policy briefs
- ✓ 1 new guide on MSP



Updated Joint Roadmap to accelerate Marine Spatial Planning worldwide through 2022-2027

- Knowledge support for MSP
- Capacity building and awareness
- Transboundary cooperation
- Climate-smart MSP
- Marine protection and restoration
- Sustainable blue economy



Introduction

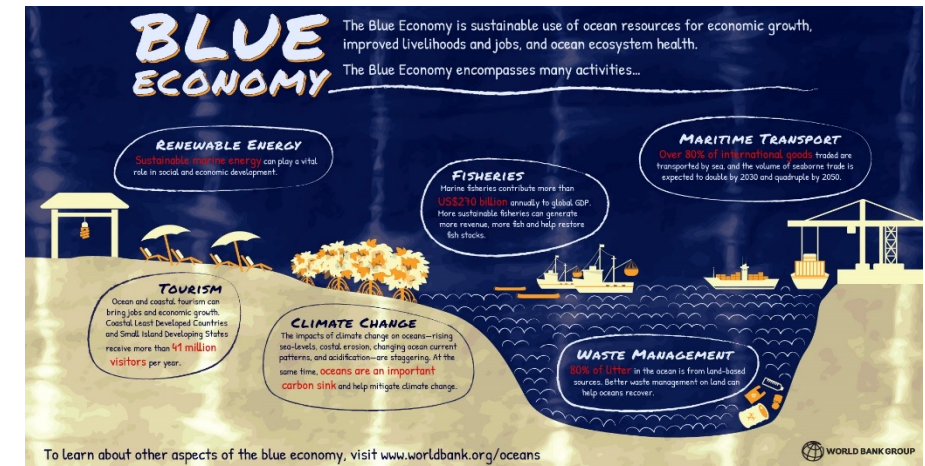


Status of WESTPAC:

- Home to nearly half of the world's population
- Epicentre of the world's marine biodiversity
- Significant contributor to the world's seafood supply
- Major shipping routes in the world maritime transportation

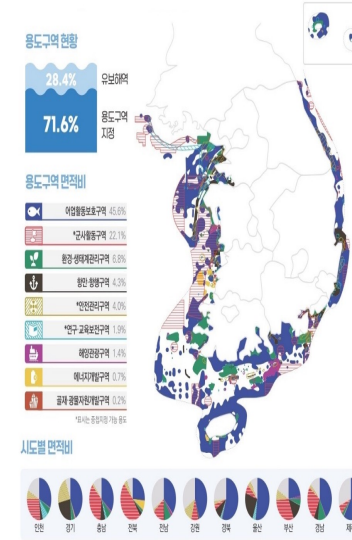
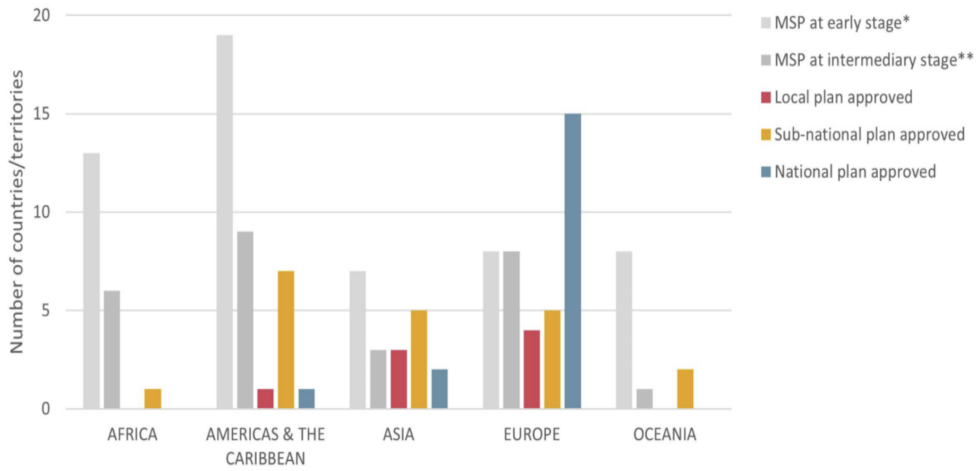
Main objectives:

- Aims: Sustainable use of ocean resources for economic growth, improved livelihoods and jobs while preserving the health of ocean ecosystems
- Facing threats: Ecosystems degradation, Overfishing, Unsustainable fishing practices, Marine pollution, Coastal development, Climate change impacts



MSP matters to the region

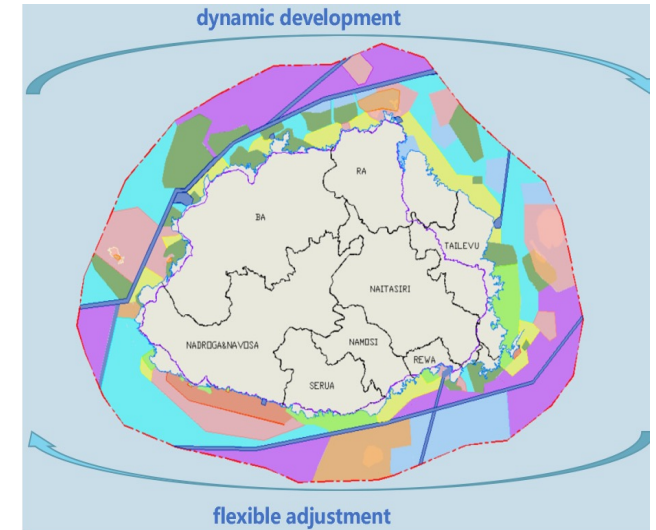
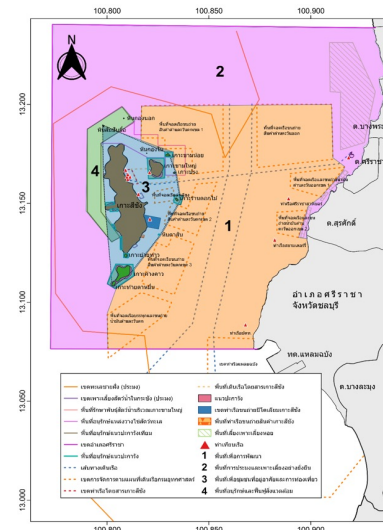
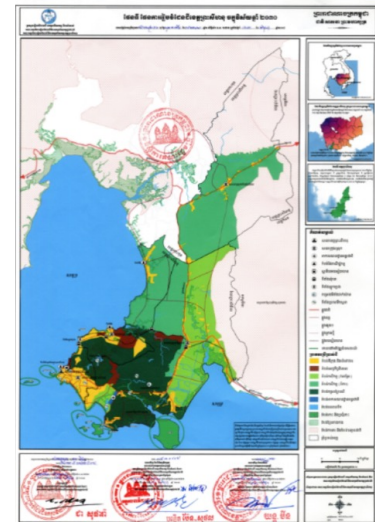
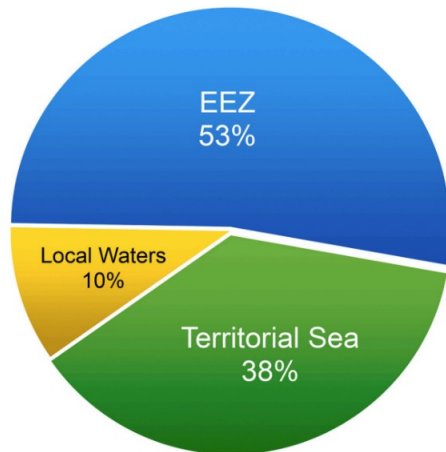
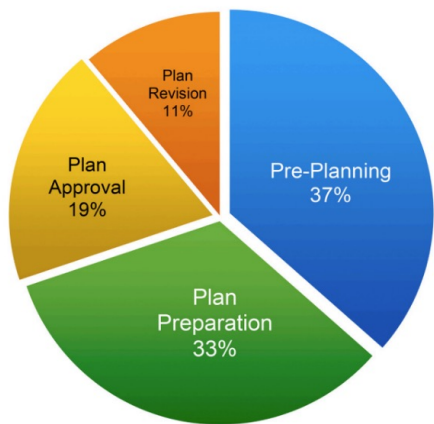
Introduction



GENERAL SCHEME OF INDONESIAN MSP



MSP around the world according to the stage of the MSP process by April 2022.



Development varies greatly from one country to another

Introduction



IOC/SC-WESTPAC-XIII/3s
Bangkok, 14 May 2021
English only

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION
(of UNESCO)

Thirteenth Intergovernmental Session of the IOC Sub-Commission
for the Western Pacific (WESTPAC-XIII)

27–29 April 2021, Online Session

EXECUTIVE SUMMARY

In accordance with Rule of Procedure 48.3, WESTPAC, as a primary Subsidiary Body of IOC, is required to report to a Governing Body on its sessions.

The IOC Assembly at its Thirty-first session will be invited to consider this Executive Summary. For more detailed information on this session, please refer to the Summary Report of the Thirteenth Intergovernmental Session of WESTPAC at <https://ioc-westpac.org>



UN Ocean Decade Kickoff Conference for the Western Pacific and its Adjacent Areas

25-26 November 2021

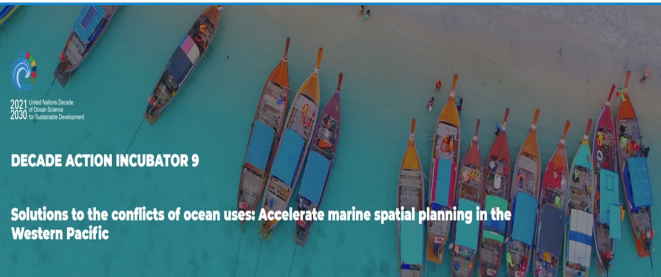
Watch the Opening on November 25 at 1300-1520 Bangkok (UTC+7)



Facebook



Youtube



DECADE ACTION INCUBATOR 9

Solutions to the conflicts of ocean uses: Accelerate marine spatial planning in the Western Pacific

The increasing use of marine resources leads to growing pressures and impacts on marine environment. The increasing conflicts among users and marine environment have become a significant management challenge, compromising the sustainable provisioning of ecosystem services.

Marine spatial planning (MSP) is a multi-sectoral participatory process and methodology for planning and management of ocean and coastal zones. The MSP has rapidly become a commonly accepted approach to addressing conflicts among users and marine spaces. To accelerate its implementation, IOC/UNESCO and the EU's Directorate-General for Maritime Affairs and Fisheries (DG MARE) produced the "MSPglobal International Guide on Marine/Maritime Spatial Planning" to assist governments, partners and practitioners in their MSP processes.

This incubator will gather MSP practitioners from countries in the region, brief on the MSP global movement and the International Guide, share ideas and perspectives and eventually come up with an action plan to further advance MSP process in the region.

Speakers



Michele QUESADA DA SILVA
Consultant, Marine Spatial Planning, Marine Policy and Regional Coordination Section, Intergovernmental Oceanographic Commission, UNESCO



Sakanan PLATHONG
Professor, Marine Science Learning Centre, Faculty of Science, Prince of Songkla University, Thailand



Ario Damar
Director at Centre for Coastal and Marine Resources Studies, Bogor Agricultural University (IPB University) Indonesia



Chatapan Kaluwin
Acting Dean of Science and Professor for Environmental Science and Head of Department of Environmental and Geography, University of Papua New Guinea



Lee Moon Suk
Principal Research Scientist, Korea Institute of Ocean Science & Technology



Zhen Guo
Associate Professor, Research Center for Coastal Science and Marine Spatial Planning, The First Institute of Oceanography, Ministry of Natural Resources, China



Xinchun Pan
The Secretary General of China Oceanic Development Foundation (CODF), The President of Marine Spatial Planning Academy of CODF

To serve the demands of Member States in the region which proposed in the 13th intergovernmental session of IOC/WESTPAC, the IOC Sub-Commission for the Western Pacific, together with interested countries and their institutions, proposed a Decade Action entitled “Accelerate Marine Spatial Planning (MSP) in the Western Pacific and its adjacent areas.” This proposal was officially accepted and registered as the UN Decade Action 21.

Registration

Incubator Program

Convener



Zhiwei Zhang
Vice Director, Research Center for Coastal Science and Marine Spatial Planning, The First Institute of Oceanography, Ministry of Natural Resources, China

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION
COMMISSION Océanographique InterGouvernementale
COMISIÓN OCEANOGRÁFICA INTERGUBERNAMENTAL
МЕЖПРАВИТЕЛЬСТВЕННАЯ ОКЕАНОГРАФИЧЕСКАЯ КОМИССИЯ
اللجنة الدولية الحكومية لتطور المحيطات
政府間海洋学委员会

UNESCO - 7 Place de Fontenay - 75302 Paris Cedex 07 SP, France
<http://ioc.unesco.org> contact phone: +33 (0)1 45 93 03 18
E-mail: ioc@ioc.unesco.org

Ref : IOC/VR22.095/UB/AC/mb 11 April 2022

Subject: Registration letter of Decade Action No.21

Dear Wenxi,

It gives me great pleasure to inform you of the formal registration of your Decade Action entitled "UN21. Accelerate Marine Spatial Planning in the Western Pacific", which you submitted for registration as part of the UN Decade of Ocean Science for Sustainable Development.

I thank you for your engagement and commitment to the Ocean Decade vision of the science we need for the ocean we want! The registration of your Decade Action is a milestone in your involvement in the Ocean Decade.

May I cordially request you to please undertake the following steps:

- (i) Please review the information the Communities of Practices provided at [this link](https://i21.unesco.org), and sign up to one or more of the Communities of Practices that are relevant to your action at the Global Stakeholder Forum. If you wish to take a leadership role to support the development of a community of practice which is not yet operational, please email us.
- (ii) Please review the **Communications Welcome Pack**, and provide the name and contact details of a focal point for communications within your team. It would be greatly appreciated if you could provide the information requested in the Welcome Pack to allow us to develop social media assets and a factsheet for your programme as soon as possible.
- (iii) Please provide the name and contact details of an Early Career Ocean Professional (ECOP) focal point within your team that can be put in contact with the Ocean Decade's Early Career Ocean Professionals Programme (ECOPs).
- (iv) Finally, please review the attached "Guidelines for Registered Projects" that sets out some information on how we see registered Decade Actions operating and interacting with Decade coordination structures and other Decade Actions.

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Mr Wenxi Zhu
Head, UNESCO/IOC Regional Secretariat for WESTPAC
Bangkok, Thailand
E-mail: w.zhu@unesco.org; n.saranuth@unesco.org; iocwestpac@unesco.org

<p>Registration</p> <p>Y Anel Hecar TRICSI National Secretary Uruguay Hydrographic Service V. Moreno de Saia 2124 11200 Montevideo URUGUAY</p> <p>Executive Secretary</p> <p>Y. Hecar TRICSI National Secretary Uruguay Hydrographic Service V. Moreno de Saia 2124 11200 Montevideo URUGUAY</p>	<p>Vice-Chairpersons</p> <p>Dr Maria Alexandrova SCIRE Directrice de Recherche Centre national de la recherche scientifique (CNRS) 171 Avenue Arago 91191 Evry FRANCE</p> <p>Dr Alexander FRODOV Assistant to the President National Research Centre "Kurchatov Institute" Moscow, Russia 123185 Moscow RUSSIAN FEDERATION</p>	<p>Dr Francisco Antonio SARRAÑA NUGUEIRA Head of Navigation National Institute of Hydrography and Cartography (INIG) Calle 5000 Meritx 38201 Santa Cruz SPAIN</p> <p>Dr Sitrasana Kumar TUMMALA CHEN Indian National Centre for Coastal Development Studies (INCCDS) Marine Science Building Hyderabad 500026 INDIA</p>	<p>Dr Karim HILMI Head of Oceanography Department Institut Nasional de Riset Kelautan (INR) IC Building 58 Aldebaran 20161 Cirebon INDONESIA</p>
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Timeframe and objectives



Objectives:

- Promote and accelerate MSP process in the Western Pacific and adjacent areas in support of the blue development and the 2030 Agenda, By developing cooperation, improving the capacity for MSP, and demonstrating MSP in Member States in the Region.
- Apply and adapt the MSPglobal International Guide.

Key activities:

- Establishment of a regional network of MSP Experts and partners
- Mspglobal adaptation and demonstration
- Transboundary MSP study
- Regional MSP Forum
- Capacity Development

Timeframe

April 2022– December 2027
(5 years)

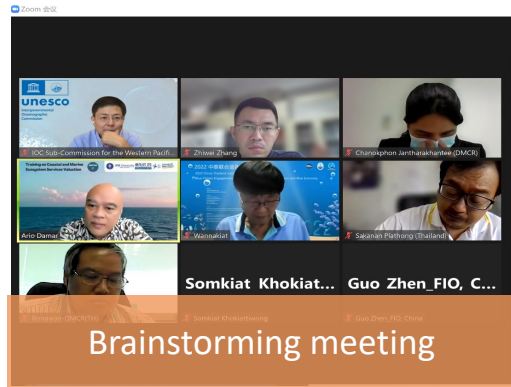


Activities and progresses made from 2022-2023

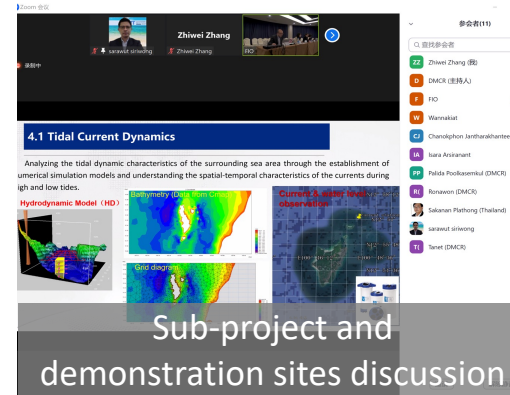


Activities and progresses

June 23, 2022



October 10, 2022



Lisbon, Portugal
June 28, 2022



December 16, 2022



Activities and progresses made from 2022-2023



Regional MSP forum

- MSP developments in most of countries in the Western Pacific and adjacent areas are still at its early stage.
- Key impediments identified from the forum include, but not limited to, lack of policy framework/directives, lack of national authority in charge of MSP, limited technical and human capacity, limited access to data and information, limited engagement of the public, and financial sustainability.
- It is important to work closely with MSP practitioners in each country to understand first their situation, help identify needs, co-design and co-develop MSP and associated activities, to serve their priority interests.



Regional MSPforum – Western Pacific and its Adjacent Areas

Final Report

Date: 16 December 2022
Time: 0900-1500 (UTC +7)



With the support of:
 Sweden
Sverige

Call for member of Expert Group



Field of Expertise

- Marine knowledge and research, ocean observation and monitoring, oceanography
- Marine environment protection and restoration
- Blue economy and sustainable development
- Integrated coastal zone management
- International ocean governance
- Marine and maritime data and information processing and analysis
- Capacity development and training
- Indigenous and local knowledge

Term of Reference (To be finalized)

1. The group of experts will assist the IOC Sub-Commission for the Western Pacific with advice and deliver professional opinion on any matter relating to UN 21 project
2. Selected experts will meet at regular intervals both physically (at least once per year) and virtually (at least 2 times per year) through web-based conferences to ensure communication and consultation.
3. Experts will be invited to contribute to the MSP development in the WESTPAC.
4. Some other relevant events identified by the IOC/WESTPAC, such as the regional forum on MSP, capacity building program.

Approximately 8-12 experts may be selected, taken into consideration country balance and diversity of expertise.

Plan activities for May 2023-2025

Program	Activities	Objectives	Expected outputs	Date and place	Funding Required	
					IOC	Other sources (i.e., from national or international)
UN Decade Action 21	1. The Kick-off meeting	To establish PMO and expert group	Officially launch the Action of the Accelerate MSP in the Western Pacific	2023 Qingdao, China		50K USD from First Institute of Oceanography (FIO), Ministry of Natural Resources (MNR), China
	2. MSPglobal Guide localization	To provide more suitable technology for the regional MSP	Report	2023-2025 Region	Depends on IOC Budget	200K USD from First Institute of Oceanography, MNR, China and China Oceanic Development Foundation (CODF)
	3. Pilots project	To develop MSP plans	MSP Demonstrations	2023-2025 Region	Depends on IOC Budget	300K USD from FIO and CODF
	5. Training	To build institutional capacity and advance the MSP process in the Region	4 training courses	Thailand, SIDS, China	Depends on IOC Budget	200K USD from FIO and CODF
	6. Seminar	To summarize the existing outcomes and difficulties of UN Decade Action 21	Annual research report of PMO	2023-2025 Thailand, China		IOC-WESTPAC, FIO, CODF, DMCR, PSU and etc.
	7. Conference	To joint release the Western Pacific MSP Roadmap	The Western Pacific MSP Roadmap	TBD		IOC-WESTPAC, FIO, CODF, DMCR and etc.



Thank You !

Zhiwei Zhang



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<https://ioc-westpac.org>

