UN23: Accelerating capacity development transformation in the Western Pacific – Regional Network of Training and Research Centers (RTRCs) on Marine Science

BRIN
BADAN RISET
DAN INOVASI NASIONAL

RTRC MarBEST

Regional Training and Research Center for Marine Biodiversity and Ecosystem Health

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Presentation Outline

01 | Introductions

02 | Trainings of RTRC MarBEST

03 | Main Programs

04 | The Outcomes

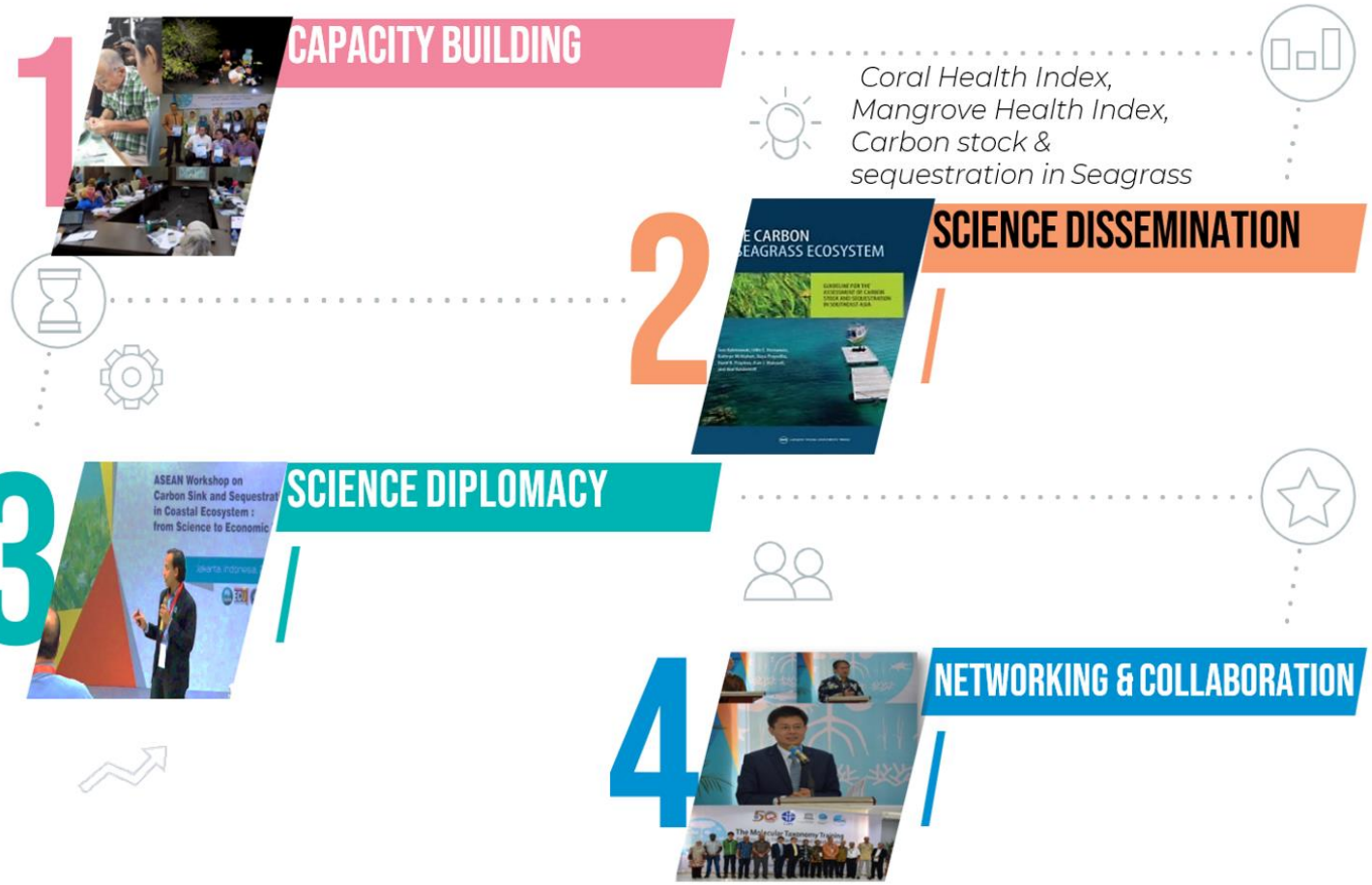
05 | Challenges and Opportunities

06 | Recommendation on the way forwards

Introductions

Establishment and Roles

RTRC MarBEST is officially endorsed through Advisory Working Group Meeting of UNESCO/IOC WESTPAC in Yogyakarta, 13-15 January 2016, and inaugurated in 17 October 2016 by then the Chairman of Indonesian Institute of Sciences (Now The National Research and Innovation Agency/BRIN)



Trainings of RTRC MarBEST

Time course of development



2016

Crustacean Taxonomy Training



2017

Molecular Taxonomy Training

2018



Coral Health Index Training

Carbon Sequestration in seagrass Training



2019

2020-2021



Mangrove Health Index Training

Fish Taxonomy Training, MHI & Monmang Training



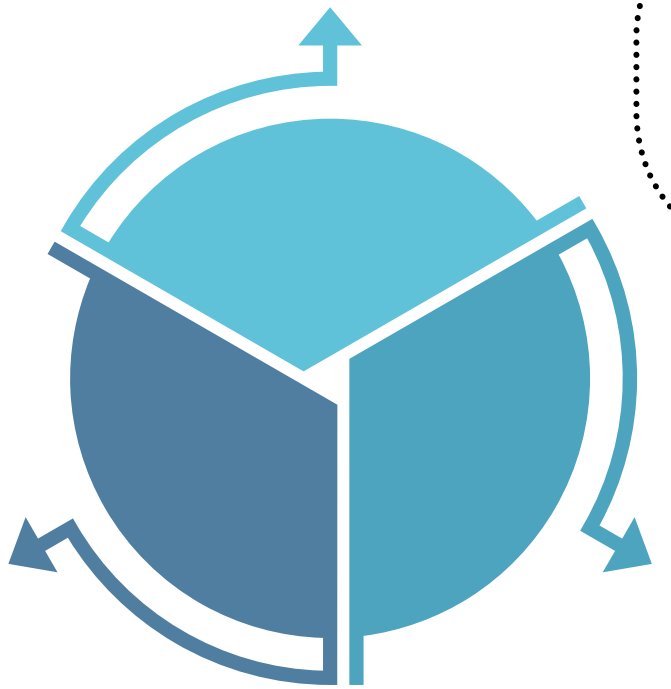
2022

2023

National training: Fish Taxonomy, Tailor made: Monmang for AIS

Main Programs

Activities and progresses:



- RTRC MarBEST Alumni's network
- Research Collaboration Center (https://pendanaan-risnov.brin.go.id/)

- Conventional Training
- On-line Training (through LMS)
- Hybrid Training
- Tailor Made Training

- Post Doctoral Program
- Visiting Researcher Program
- Research Assistant Program

https://manajementalenta.brin.go.id/

The outcomes

Impacts of activities *



Scientist networking

Connecting researcher by training/workshop and maintain the network by RTRC Group of Alumni



Scientific collaboration

Joint research and Joint Publication among alumni, across training and within the same training



Science dissemination

Giving opportunities for researchers to disseminate the methodology or ideas in regional level



Knowledge transferred

Adopting the methodology or ideas in the home country of alumni (research, PhD dissertation/thesis, learning modules, chapters, policy recommendation, etc.)

*** For the details please see RTRC MarBEST Evaluation Reports 2016-2020**

Challenges and opportunities

CHALLENGES

Organizational/Conceptual challenge

Advocating for the position of RTRC MarBEST within the BRIN Organization and encouraging the commitment of institutional leadership to the sustainability of RTRC MarBEST in the future

Operational Delivery challenge

Sustainability funding support from within the organization to support sustainability of capacity development activities

External challenge

Strengthening the existing networking to keep updated on the latest issues in terms of marine biodiversity and ecosystem health

OPPORTUNITIES

Support from related stake holder

RCO-BRIN, Agencies/Ministries, Universities, IOC WESTPAC

Co-managing RTRC MarBEST within BRIN

Partnership between RCO and Directorate of Competency Development BRIN

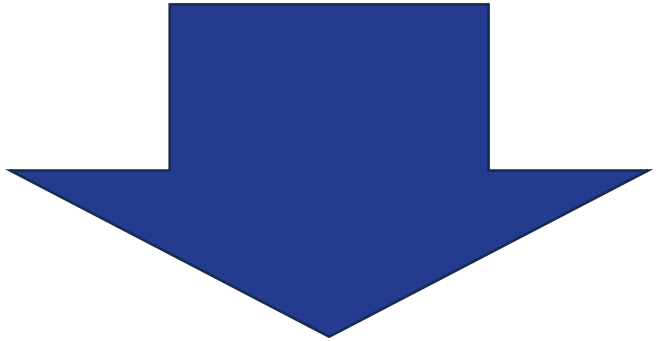
Active networking in Int'l Fora

Maintain the network and promoting the activities in international fora

Recommendation on the way forwards

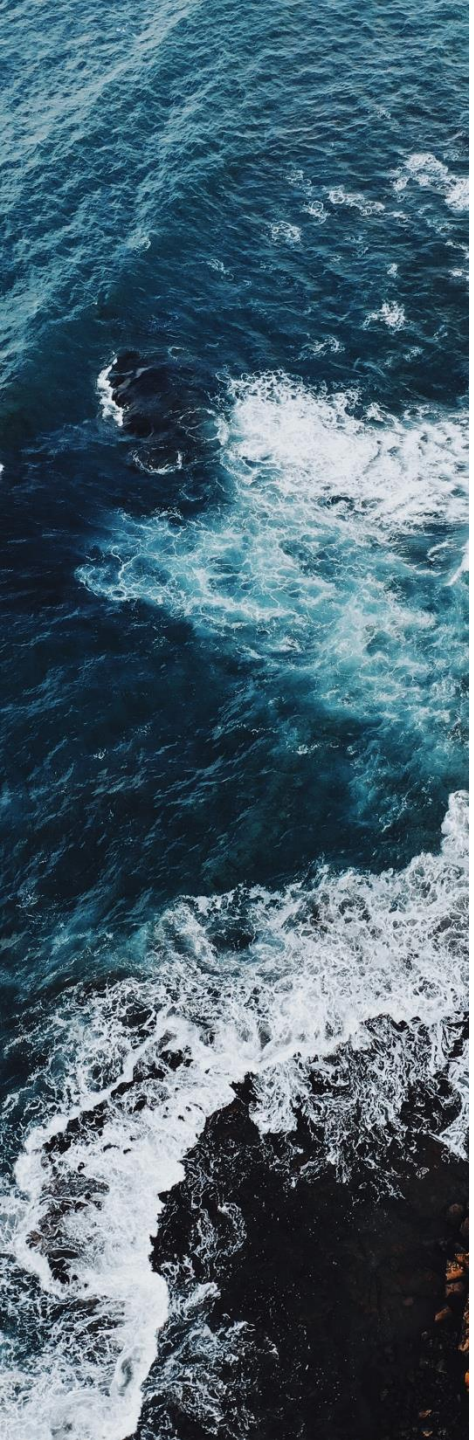
(with consideration on RTRCs' role in achieving UN Ocean Decade targets)

CHALLENGES: Change humanity's relationship with the ocean, Protect and restore ecosystems and biodiversity, Skills, knowledge and technology for all, Understand and beat marine pollution, Unlock ocean-based solutions to climate change



Recommendations:

1. Strengthening RTRC MarBEST Alumni's network for monitoring the outcomes, as well as updating information concerning current issues on climate change
2. Engaging and strengthening support to Small Island Developing States, Least Developed Countries, Early Career Ocean Professionals and Citizen Scientist by identifying the needs of capacity development activities for ocean-based solutions to climate change (RTRC MarBEST since 2018 have been engaged with AIS Forum to develop tailor-made training for climate change mitigations)
3. Collaboration is the key to sustain. Establishing partnerships will increase the success on capacity development activities (in terms of support in financing, in-kind contributions to ensure sustainability of capacity development activities that is run by RTRC)



Thank You !

References

Sani, S.Y. 2021. *RTRC MarBEST Evaluation Report 2016-2020*. UNESCO/IOC Regional Training and Research Center For Marine Biodiersity and Ecosystem Health, Research Center for Oceanography Indonesian Institute of Sciences. 64pp.

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