

# BLUE CARBON SUMMIT

*Mainstreaming blue carbon into the national agenda to meet global commitments*

17–18 July 2018

The National Library of Indonesia, Jakarta

## Background

Blue carbon includes carbon stored in open ocean carbon pools. The dynamics are controlled by global ocean currents and weather circulation patterns and are affected by direct and indirect human interventions in marine and coastal ecosystems. Increasing sea surface temperatures have significantly affected thermohaline and associated temperature-dependent biota. This will impose significant challenges for Indonesia as a maritime country with vast resources. The first point of the **Nawa Cita Agenda** clearly stipulates the determination of the national leaders to develop Indonesia as a maritime nation – an identity that has been forgotten for a long time and hinders Indonesia in considering the opportunities of the blue economy.

Fishery and marine tourism industries are among major economic activities that generate significant revenues. The yields of caught fishes and aquaculture are closely associated with the resilience of marine and coastal ecosystems. Actions for their conservation and restoration in order to achieve healthy, productive and sustainable oceans and coastal ecosystems are urgent.

Indonesia has globally significant coastal blue carbon ecosystems, which consist of mangroves (ca. 3,000,000 ha) and seagrass meadows (ca. 300,000 ha). The importance of coastal blue carbon has gained significant attention from the international community regarding its roles in climate change mitigation and adaptation. These ecosystems demonstrate their effectiveness in carbon capture and storage, and hence, their high potential for mitigating climate change when conserved and restored. Their ability in land building, proves that mangroves can cope with sea level rises – through adaptation to climate change. It is timely to consider coastal blue carbon ecosystems as part of the **Nationally Determined Contributions** (NDCs).

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Each of these national goals, agenda and targets are closely related to global schemes, such as:

- **the Paris Agreement**, on issues related to mitigation, adaptation, loss and damage and financial mechanisms (Articles 5, 7, 8 and 9)
- **the Aichi Biodiversity Targets**, with emphasis on sustainable use of coastal and marine biodiversity resources (Targets B-8, B-10, D-15)
- **the Sustainable Development Goals**, to promote marine and coastal ecosystems' sustainable management by strengthening their resilience and restoration (Target 14.2)
- **the Bonn Challenge**, regarding restoration of 150 million ha of degraded landscape in 2020 and 350 million ha in 2030.

## Objectives

Blue carbon is increasingly gaining attention from national and international leaders, the scientific community, business actors and civil society. It is timely to bring the issues associated with optimizing the potential of blue carbon to an important summit. The Blue Carbon Summit has the following objectives:

- to facilitate dialogue across sectors and among stakeholders concerned with blue carbon issues
- to identify gaps and barriers that hinder the mainstreaming of coastal blue carbon in the national development agenda and to meet global commitments
- to outline the roadmap of blue carbon development in Indonesia in line with the upcoming COP24 in Poland and Our Ocean Conference.

## Program

### Plenary

- Opening speeches
- High-level forum
- Closing statement

### Subplenary

- People's voices
- Donor forum
- International initiatives

### Launchpad

Open sessions to be organized by conveners during the 2-day summit featuring initiative/ ideas/software/tools related to blue carbon progress and development.

### Marketplace

Products, innovations and creative activities associated with blue carbon to promote science, art and a creative economy through posters and exhibits.

### Discussion forum

Scientific and policy oriented paper presentations featuring multi-disciplines scientists, and multi-sectoral practitioners and policy community who concern with blue carbon sustainability.



## Who will be attending the summit?

High-level and major Indonesian policy makers and renowned scientists will form the core of the summit. Media and like-minded communities, including representatives of NGO and donor communities will highlight the relevance of the issues at a societal level. Lessons from global initiatives will be prominently catered for at the summit to inspire participants on what is best for Indonesia.

Being an independent broker, the Indonesian Academy of Sciences (API), and also the Center for International Forestry Research (CIFOR) will organize and facilitate the summit. Prominent support from the Coordinating Ministry of Maritime Affairs, Ministry of Environment and Forestry, Ministry of Marine Affairs and Fishery, Ministry of Tourism, and Ministry of National Development Planning will lend credence to the summit at the highest possible level.

## Expected outputs

This summit is the first effort of its kind. As a starting point, it is expected that future interactions will be built on what is achieved and understood at this summit. It is expected that a working agenda will be drawn up and more regular dialogue will be proposed to further design the roadmap for an Indonesian blue carbon initiative in the form of a White Paper.

## Venue

National Library Building  
Jl. Medan Merdeka Selatan 11  
Jakarta Pusat

## Registration

The Plenary and Subplenary sessions are organized by invitation, but you are encouraged to convene your own **Launchpad** to release your initiative/ideas/software/tools and to exhibit your posters/products/creative works in the **Marketplace**. In addition, you can register to present your scientific work in the **Discussion Forum**, to be run in parallel under various sub-themes. Please register at [events.globallandscapesforum.org/blue-carbon-summit/](https://events.globallandscapesforum.org/blue-carbon-summit/)

## Contact

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## Day 1 – Tuesday 17 July 2018

08.30–09.30	<b>Registration</b>	
09.30–10.00	<b>Opening plenary</b> • Welcome remarks • Keynote speech	
10.00–10.30	<b>Coffee Break</b>	
10.30–12.00	<b>Subplenary – People’s Voice</b>	
12.00–13.00	<b>Lunch</b>	<b>Media Briefing</b>
13.00–14.30	<b>Parallel Discussion Forum</b>	
	<b>DF-1</b> Fishing industry and sustainable blue economy	<ul style="list-style-type: none"> <li>• Sustainable fish catch</li> <li>• Aquaculture and sustainability of coastal wetlands</li> <li>• Downstream industries</li> </ul>
	<b>DF-2</b> Marine tourism and shipping industry	<ul style="list-style-type: none"> <li>• Regional connectivity and sea transportation</li> <li>• Liquid and solid waste management and micro-plastic pollution</li> <li>• Controlling emission from shipping industry</li> </ul>
	<b>DF-3</b> Institution and governance system for blue carbon	<ul style="list-style-type: none"> <li>• Laws and regulations for blue carbon</li> <li>• Monitoring and evaluation</li> <li>• Jurisdictional vs sectoral approaches</li> </ul>
14.30–15.00	<b>Coffee Break</b>	
15.00–16.30	<b>Subplenary – Donor Forum</b>	
16.30–18.00	<b>Parallel Discussion Forum</b>	
	<b>DF-4</b> Financing blue carbon development	<ul style="list-style-type: none"> <li>• National climate change trust fund</li> <li>• Green Climate Fund</li> <li>• Global Environmental Facilities</li> </ul>
	<b>DF-5</b> Understanding hydrodynamic and sustainable coastal resources	<ul style="list-style-type: none"> <li>• Ocean waves and erosion</li> <li>• The threat and potential of ocean currents</li> <li>• Tapping waves for energy generation</li> </ul>
	<b>DF-7a</b> Coastal blue carbon and climate change	<ul style="list-style-type: none"> <li>• Seagrass: below water treasures and their ecosystem services</li> <li>• Carbon sequestration and storage</li> <li>• Seagrass for NDC (climate change mitigation and adaptation)</li> <li>• Seagrass and local economy</li> </ul>
18.00	<b>Welcoming Dinner</b>	

## Day 2 – Wednesday 18 July 2018

08.30–09.00	<b>Registration</b>	
09.00–10.30	<b>Subplenary – International Initiatives</b>	
10.30–11.00	<b>Coffee Break</b>	
11.00–12.30	<b>Parallel Discussion Forum</b>	
	<b>DF-6</b> Hydro-geomorphic effects of subsidence, sedimentation and sea-level rises	<ul style="list-style-type: none"> <li>• Development of waterfront cities</li> <li>• Land building mechanism</li> <li>• Climate change adaptation</li> </ul>
	<b>DF-7b</b> Coastal blue carbon and climate change	<ul style="list-style-type: none"> <li>• Mangroves: carbon-rich coastal forests and their ecosystem services</li> <li>• Carbon sequestration and storage</li> <li>• Mangroves for NDC (climate change mitigation and adaptation)</li> <li>• Financing mangrove for NAMA, and REDD+</li> </ul>
12.30–13.30	<b>Lunch</b>	
13.30–15.00	<b>Subplenary – High-Level Forum</b>	
15.00–15.30	<b>Coffee Break</b>	
15.30–16.00	<b>Closing Statement</b>	

Coordinating Partners:



Funding Partners:

