

2019



40
years

Blue Economy *Harnessing the Oceans for the Benefit of Humanity*

Oceans cover 363 million sq. km, almost three-quarters of the Earth's surface. According to the United Nations, the commercial value of various activities in the world's oceans is estimated to be between US\$ 3 - 6 trillion and the oceans occupy seventh position among the world's top 10 economies. World Bank defines blue economy as the "sustainable use of ocean resources for economic growth, improved livelihoods, and jobs while preserving the health of ocean ecosystem." It is now also considered as an integral element of Sustainable Development Goals. BOBP-IGO member-countries have huge potential to expand blue economy within their respective Exclusive Economic Zones and realize their vision of achieving sustained economic growth.

2019 marks the 40th year of the establishment of the Bay of Bengal Programme. This Calendar is a tribute to the significant contributions of the Programme to fisheries development in the Bay of Bengal region.



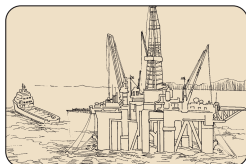
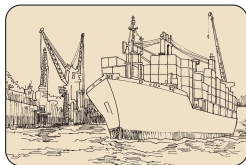
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2019

Blue Economy: Harnessing the Oceans for the Benefit of Humanity



Published by Y S Yadava for BOBP-IGO

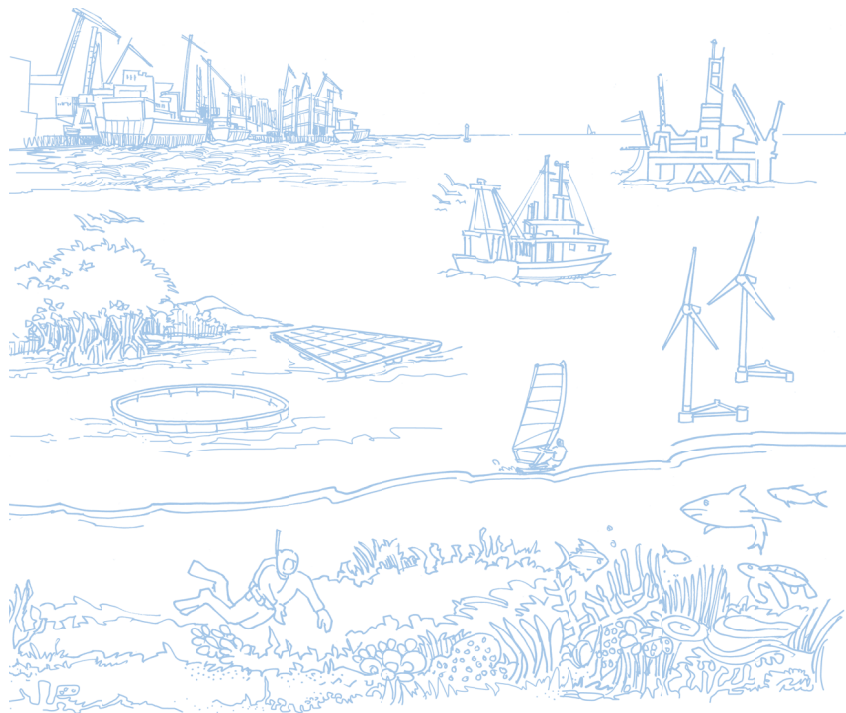
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2019

The Bay of Bengal Programme Inter-Governmental Organisation (BOBP-IGO), successor to the BOBP, was set up in Chennai, India in April 2003. It assists the Governments of Bangladesh, India, Maldives and Sri Lanka and also other countries in the region in improving the conditions of small-scale fisherfolk communities. The core activities of the Organisation include technical investigations, capacity building in safety at sea, MCS (monitoring, control and surveillance), EAFM (Ecosystem Approach to Fisheries Management), management plans for shared regional resources (e.g. hilsa, shark), promotion of the Code of Conduct for Responsible Fisheries, climate change and its impact on fisheries, networking, awareness creation and knowledge sharing.



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2019

January



| SUN | | 6 | 13 | 20 | 27 |
|-----|---|----|----|----|----|
| MON | | 7 | 14 | 21 | 28 |
| TUE | 1 | 8 | 15 | 22 | 29 |
| WED | 2 | 9 | 16 | 23 | 30 |
| THU | 3 | 10 | 17 | 24 | 31 |
| FRI | 4 | 11 | 18 | 25 | |
| SAT | 5 | 12 | 19 | 26 | |



Fisheries

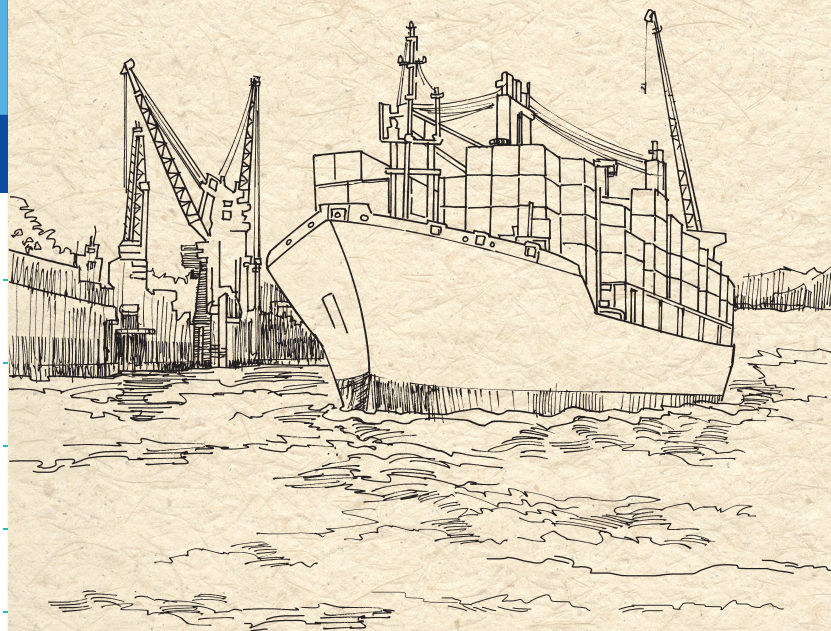
A core component of blue economy, fisheries and aquaculture account for about 17 percent of protein at the global level and contribute US\$ 100 billion/year and about 260 million jobs to the global economy.

2019

February



| SUN | 3 | 10 | 17 | 24 |
|-----|---|----|----|----|
| MON | 4 | 11 | 18 | 25 |
| TUE | 5 | 12 | 19 | 26 |
| WED | 6 | 13 | 20 | 27 |
| THU | 7 | 14 | 21 | 28 |
| FRI | 1 | 8 | 15 | 22 |
| SAT | 2 | 9 | 16 | 23 |



Shipping

Ninety percent of the world's trade is carried by sea. It is also one of the important priority sectors under the blue economy, in which countries have a greater interest.

2019

March



| SUN | 31 | 3 | 10 | 17 | 24 |
|-----|----|---|----|----|----|
| MON | | 4 | 11 | 18 | 25 |
| TUE | | 5 | 12 | 19 | 26 |
| WED | | 6 | 13 | 20 | 27 |
| THU | | 7 | 14 | 21 | 28 |
| FRI | 1 | 8 | 15 | 22 | 29 |
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Coastal Habitation

Coastal and marine resources are very important for people residing on the coast. Forty percent of the world's population lives within 100 km of the coast.

2019

April



| SUN | | 7 | 14 | 21 | 28 |
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| WED | 3 | 10 | 17 | 24 | |
| THU | 4 | 11 | 18 | 25 | |
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| SAT | 6 | 13 | 20 | 27 | |



40 years



Tourism

Marine tourism (including cruise tourism) is a growing industry that represents an important contributor to the economy of countries and also for generating employment.

2019

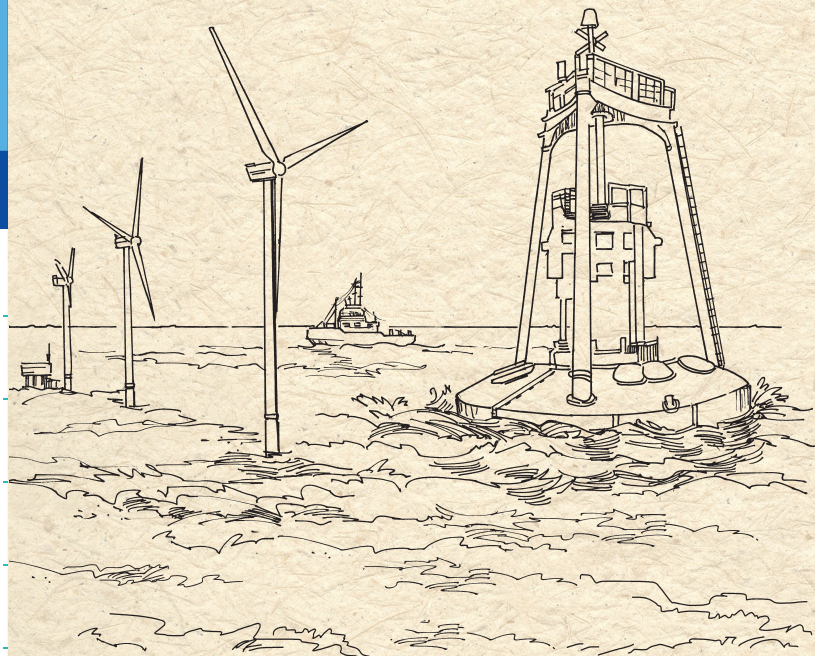
May



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| FRI | 3 | 10 | 17 | 24 | 31 |
| SAT | 4 | 11 | 18 | 25 | |



40 years



Energy

The world population is expected to touch 9 billion in 2050, placing greater demand on fossil fuel. The oceans offer vast potential for renewable 'blue energy' from wind, wave, tidal, thermal and biomass sources.

2019

June



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| MON | | 3 | 10 | 17 | 24 |
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| THU | | 6 | 13 | 20 | 27 |
| FRI | | 7 | 14 | 21 | 28 |
| SAT | 1 | 8 | 15 | 22 | 29 |



40 years



Fishing Harbours & Ports

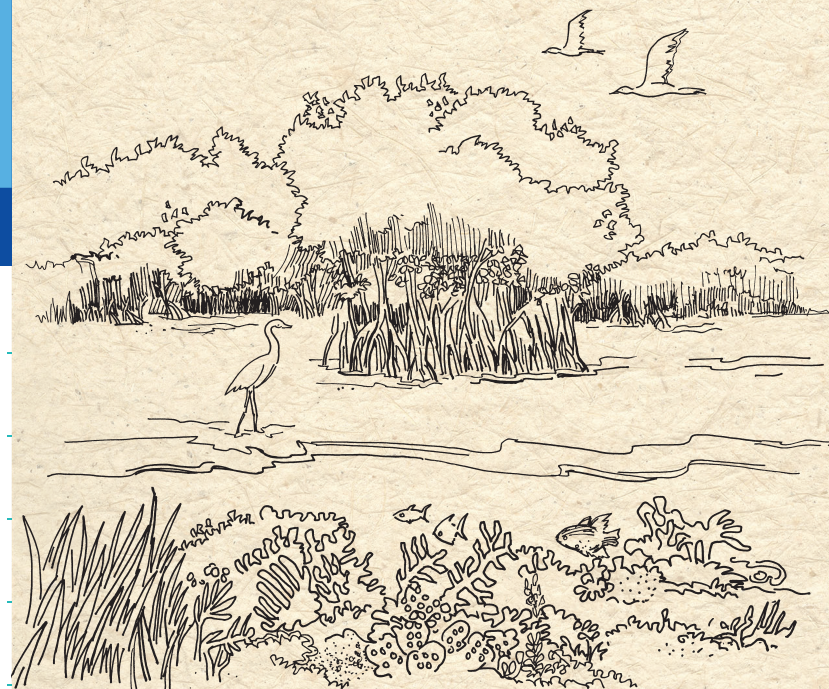
Infrastructure is the backbone of marine fisheries and contributes to the sustainable growth of the sector. They provide safe landing and berthing facilities and are the focal point of many key post-harvest activities.

2019

July



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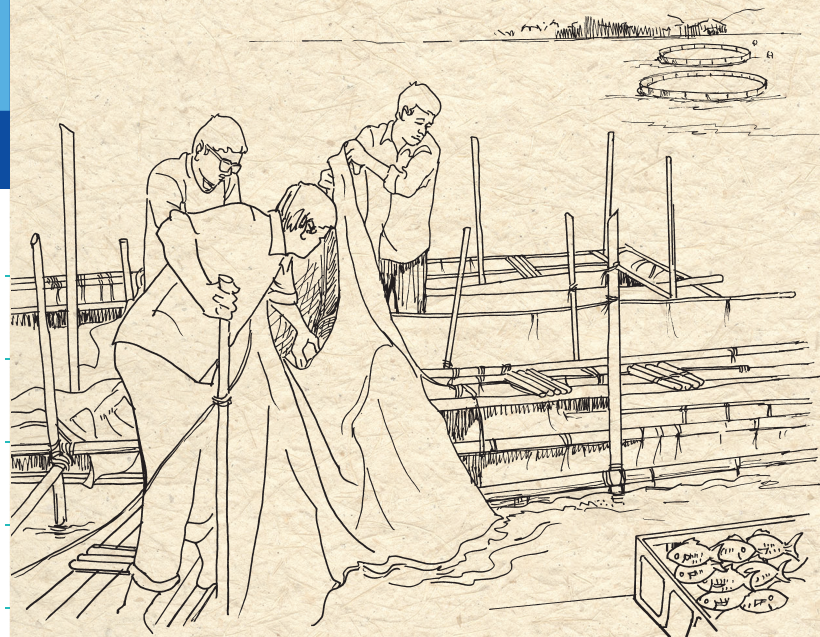
Ecosystem Services

Marine ecosystem services provide more than 60 percent of the economic value of the global biosphere. The estimate for the value of total global ecosystem services in 2014 was 125 trillion US\$ per year.

2019 August



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| FRI | 2 | 9 | 16 | 23 | 30 |
| SAT | 3 | 10 | 17 | 24 | 31 |



Mariculture

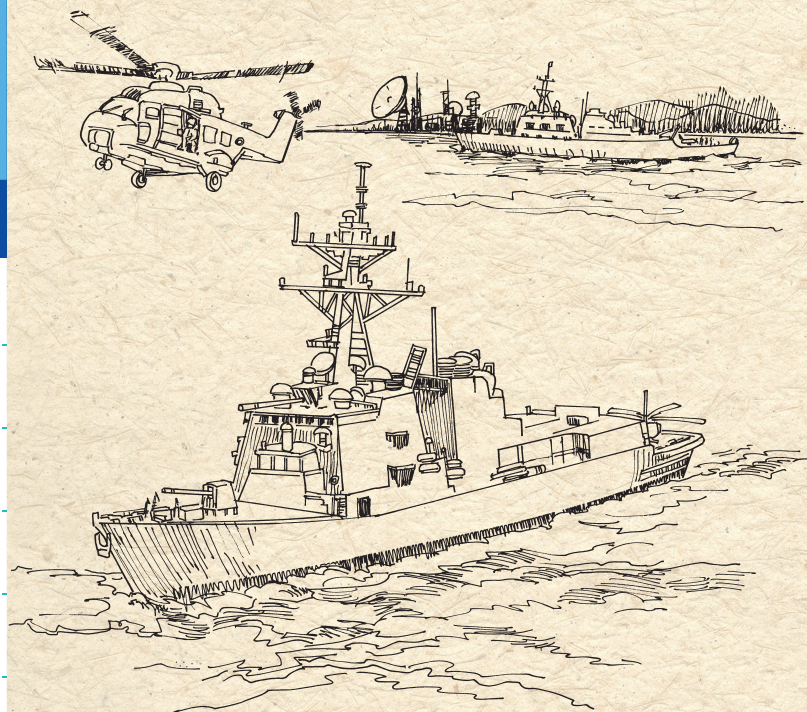
Mariculture, as an important component of blue economy, offers significant potential for the provision of food and livelihoods and also provides high value commodities for export.

2019

September



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| TUE | 3 | 10 | 17 | 24 | |
| WED | 4 | 11 | 18 | 25 | |
| THU | 5 | 12 | 19 | 26 | |
| FRI | 6 | 13 | 20 | 27 | |
| SAT | 7 | 14 | 21 | 28 | |



Defence Installations

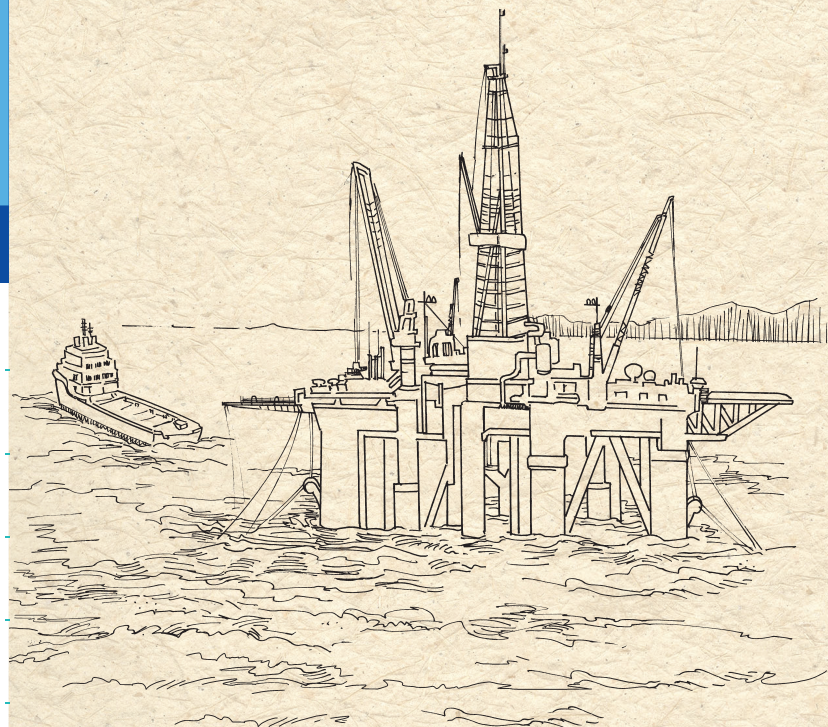
Vital for the maritime security and protection of economic interests of countries, defence installations form an important component of blue economy.

2019

October



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| TUE | 1 | 8 | 15 | 22 | 29 |
| WED | 2 | 9 | 16 | 23 | 30 |
| THU | 3 | 10 | 17 | 24 | 31 |
| FRI | 4 | 11 | 18 | 25 | |
| SAT | 5 | 12 | 19 | 26 | |



Minerals & Oil Exploration

Exploration of minerals and oil provides a rapidly developing opportunity for economic development in both the Exclusive Economic Zone and in areas beyond the national jurisdiction.

2019

November



| SUN | | 3 | 10 | 17 | 24 |
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| TUE | | 5 | 12 | 19 | 26 |
| WED | | 6 | 13 | 20 | 27 |
| THU | | 7 | 14 | 21 | 28 |
| FRI | 1 | 8 | 15 | 22 | 29 |
| SAT | 2 | 9 | 16 | 23 | 30 |



Sport Fisheries

Sport fisheries can help in creating jobs, supplementing and diversifying the livelihoods of fishermen and also in reducing the impact on fish stocks and the environment.

2019

December



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| SUN | 1 | 8 | 15 | 22 | 29 |
| MON | 2 | 9 | 16 | 23 | 30 |
| TUE | 3 | 10 | 17 | 24 | 31 |
| WED | 4 | 11 | 18 | 25 | |
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| FRI | 6 | 13 | 20 | 27 | |
| SAT | 7 | 14 | 21 | 28 | |



Marine Spatial Planning

MSP provides an important tool for planning and coordinating various elements of blue economy for efficient use of seas and coastal resources, faster decision-making and creating a better investment climate.