



Fisheries and Aquaculture in India

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Important Definitions

- **Fisheries** : As per FAO, the term is identified with Capture fisheries. Fisheries is a State subject (list –II under Schedule VII of Indian Constitution)
- **Aquaculture**: Aquaculture is the farming of aquatic organisms, including fish, molluscs, crustaceans and aquatic plants. Farming implies some form of intervention in the rearing process to enhance production, such as regular stocking, feeding, protection from predators, etc. Farming also implies individual or corporate ownership of the stock being cultivated. (FAO)
- **Fishery**: The sum of all fishing activities on a given resource (e.g. a Murrel fishery), or the activities of a certain style of fishing on a particular resource (e.g. a dive fishery)
- **Pisciculture** : Culture and rearing of Fishes



Fisheries and Aquaculture Resources in India

- Marine fisheries potential is estimated 5.31 million tons
- Coastline- 8118 Kms
- 2.02 million square km Exclusive Economic Zone (EEZ)
- Continental shelf area of 0.53 million sq.km.
- Rivers and canals - 1.95 lakh km,
- Floodplain lakes - 8.12 lakh hectares,
- Ponds and tanks - 24.1 lakh hectares
- Reservoirs - 31.5 lakh hectares
- Brackish water Area Potential- 12.4 lakh hectares,
- Saline/alkaline affected areas - 12 lakh hectares etc.,
- Fishing Villages - 3432



Importance of Fisheries and Aquaculture in India

- Important source of food, nutrition, income and livelihood to millions of people.
- 2nd largest fish producing and second largest aquaculture nation in the world.
- 7.58% to the global production.
- Contributing 1.24% to India's (GVA) (2018-19)
- 7.28% to the agricultural GVA,
- The export of marine products stood at 13.93 LMT and valued at Rs.46,589 crores (2018-19).
- Provides livelihood to about 25 million fishers and fish farmers at the primary level and twice the number along the value chain



Fish Production

- Overall **fish production** in the country increases from 0.75 million tonne (3.27% share in Global production) in **1950-51** to 13.75 million tonne in 2018-19.
- The Marine fish Production increased from 5.34 LMT (1950-51) to 36.88 LMT (2017-18)
- The Inland fish Production increased from 2.18 LMT (1950-51) to 89.02 LMT (2017-18)
- The sea food /marine exports value up from Rs. 6 Crores to Rs.46,589 crores (2018-19)



Important Steps taken by Government for Development of Fisheries and Aquaculture



- In the Third Plan all over India, the production of fish was expected to increase from 14 lakhs tons to 18 lakhs tons. The export of fish up from about Rs.6 crores to about Rs.12 crores.
- A network of 429 Fish Farmer Development Agencies (FFDAs) and 39 Brackishwater Fish Farmer Development Agencies (BFDAs) is established in the country during 1973-74.
- Establishment of ICAR Fisheries Institutes- CIFRI, CMFRI, CIBA, CIFA, CIFE, CIFT, NBFGR and DCWF
- Establishment of Specialized Fisheries Institutes under Ministry- FSI, CICEF, CIFNET, NIFPHATT and CAA,



Important Steps taken by Government for Development of Fisheries and Aquaculture

- In 2005, the Indian Parliament has passed the Coastal Aquaculture Authority Act -2005 and the Central Government framed the rules and guidelines to improve the productivity under sustained conditions. The Central Government has established the Coastal Aquaculture Authority with its Headquarters at Chennai.
- The National Fisheries Development Board (NFDB) was launched in the year 2006
- The Scheme of Blue Revolution- Integrated Development and Management of Fisheries was approved in the year 2015
- The Union Government has in October, 2018 approved a proposal for creation of Fisheries and Aquaculture Infrastructure Development Fund (FIDF) with a total fund size of Rs. 7522.48 crore.



Important Steps taken by Government for Development of Fisheries and Aquaculture

- In pursuance of Interim Budget Announcement 2019-20, the Fisheries Division has been separated as a new Department named Department of Fisheries, Under Ministry of Fisheries, AH & D
- Prime Minister Matsya Sampada Yojana was launched in 2020 with target to achieve 22 Million tonnes of Fish Production by 2024-25.



References / Acknowledgements/Source

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THANK YOU