

Roles of Innovation-Support Organizations in the Marine Science and Technology Industry

Ramya Chiyyadri*

Department of Marine Biology, Narayana Technology and Sciences, Nellore, India

Abstract

The Ocean Economy and Innovation (OECD) builds on the findings from a major OECD or Science, Technology, and Innovation (STI) project on The Future of the Ocean Economy: Exploring the prospects for emerging ocean industries to 2030. This activity contributes to broader priorities of the OECD Committee on Science and Technology Policy (CSTP) (e.g., digitalization, emerging technologies for addressing grand challenges) and is managed by the IPSO Unit (Innovation Policies for Space and Oceans). The research of this programme work is ongoing for 2019-2020.

Keywords: Ocean Economy; Coastal Changes; Ocean Research; Ecosystem

Discussion

The marine economy's strategy is a long-term potential in terms of growth and job creation cannot be fully viewed unless more effective paths are taken to develop integrated coastal management system including ecosystem preservation at local, regional, national, and international level. That in turn will essential significant progress in innovation and new thinking ways in many areas like in the field of science, technology, R&D, manufacturing, infrastructural design, consultation, institutional holdup and eventually in the policy mix that governments implement to ultimately and encourages an innovative capacity in the coastal economy more broadly.

Objectives of the programme of affords provide new evidence-based guidance to decision-makers as to development of the policies for sustainable ocean economic activities. These natural activities subscribe to respond to such questions: How much the coastal changes represents for countries today? How to identify sources of growth and make economic sectors are ever more sustainable? How to value and support the science and innovation in describing of the major challenges to come.

Activities will be undertaken through a series of expert workshops, research on new OECD indicators and innovation policy discussions with ocean-related communities around the world ministries, agencies, academia, foundations, NGOs, and the private sector. The activities are organized by around four major regulatory.

- Exploring the role of scientific advances and enabling technologies in driving innovation in the marine economy levels.
- Investigating emerging patterns and platforms of the collaboration in innovation among different kind of marine and maritime factors in c and development around the world.
- Extending the frontiers of the use of an economic valuation, analysis, tools used further into areas of ocean related activities.

This is come pass at a time when the science, technology, and innovation (STI) activities are undergoing with the major changes themselves, with increasing effects on the ocean economy (read Rethinking Innovation for a Sustainable Ocean Economy base). Galvanised by digitalization techniques, the transformation of ocean research areas and the specific innovation processes is accelerating. New collaborative mechanisms are gaining ground in many parts of the world and disruptive digital technologies are gradually increasingly feature in commercial and scientific applications.

Conclusion

In terms of organizational innovations, research work development and innovation networks dedicated to the ocean are springing up in many parts of the world in response to changes in the national and international ocean economy landscape. These networks are initiatives that strive to bring together a diversity of players into flexibly organized setups dedicated to specific ocean research or innovation objectives. Often the nationally based to start with, the specialists work on a range of scientific and technological innovations in many different sectors of the ocean economy.

***Corresponding author:** Ramya Chiyyadri, Department of Marine Biology, Narayana Technology and Sciences, Nellore, India, Email: ramyachiyyadri0045@gmail.com

Received April 05, 2021; **Accepted** April 19, 2021; **Published** April 26, 2021

Citation: Chiyyadri R (2021) Roles of Innovation-Support Organizations in the Marine Science and Technology Industry. J Marine Sci Res Dev 11: 307.

Copyright: © 2021 Chiyyadri R. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution and reproduction in any medium, provided the original author and source are credited.