

Seminar on Marine Spatial Planning and Blue Economic

Development for Developing Countries Project Description

Full Name	Seminar on Marine Spatial Planning and Blue Economic Development for Developing Countries		
Organizer	Fujian Institute of Oceanography		
Holding Time	November 1 – November 14, 2023	Language	English
Invited Participants	Invitees are governmental officials, technicians, enterprise supervisors and professional personnel engaging in marine spatial planning and blue economy in such sectors as marine, fishery, transportation, environment, planning, energy, and tourism from Developing Countries.		
Planned Number of Participants	30		
About the Participants	Age	Under 50 years old for participants at director-general's level; under 45 years old for participants at or under division director's level.	
	Physical Health	In good health with health certificates or medical examination forms issued by local public hospitals; without diseases prohibited from entry by China's laws and regulations; without severe chronic diseases such as serious high blood pressure, cardiovascular and cerebrovascular diseases and diabetes; without mental illnesses or infectious diseases that may pose serious threats to public health; not during the postoperative recovery period after a major operation or during the outbreak period of acute diseases; without severe physical disability; non-pregnant.	
	Language Ability	Fluency in listening, speaking, reading and writing in English.	
	Others	Participants who come to China for training are not allowed to bring spouses or relatives.	
Host City	Xiamen City, Fujian Province	Local Temperature	Autumn: 16°C-24°C
Cities to Visit	Fuzhou City, Quanzhou City, Fujian Province	Local Temperature	Autumn: 16°C-24°C
Notes	In order to better communicate with the Chinese officials, experts and entrepreneurs, please prepare communication materials related to the seminar theme, including: 1. Basic national status: administrative organs and managerial methods of governmental maritime sectors, basic information of sea area and marine fisheries resources situation; 2. General development situation of industries related to marine spatial planning management and marine economy; 3. Marine related policies, laws and regulations; 4. Marine economic development planning and strategy; 5. International cooperation: main cooperative countries, present cooperation ways and management modes in marine related industries.		
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<p>About the Organizer</p>	<p>Fujian Institute of Oceanography (FJIO), located in Xiamen city – a special economic zone lying in the southeastern coast of China, is a full-funding public institution affiliated to Fujian Provincial Department of Science & Technology, as well as a non-profit comprehensive maritime research and development institution. Its scientific research building (also the administration building) covers a building area of 3,671 m² with fine-equipped laboratories and scientific research facilities. In addition, FJIO owns “Yan Ping No.2” oceanographic research vessel with a displacement of 800 tons. In the process of offering the main service to the governmental marine management and social marine development, FJIO has accumulated rich technology and professional experience in the fields of Mariculture, Integrated Coastal Management, Marine Fisheries Management as well as Marine Economic Sustainable Development.</p> <p>Since 2005 when FJIO started to undertake the China-Aid training programs sponsored by the Ministry of Commerce, PRC, FJIO has successfully organized more than 136 bilateral or multilateral training courses/ seminars/ workshops of China-Aid training programs, including 18 online training programs, accumulating important training experience. The programs organized by FJIO focus on the following program topics - Mariculture Technology, Integrated Coastal Management, Marine Fisheries Management, Marine Management and Blue Economic Development, Marine-related Industries, Marine New Technology and Marine Spatial Planning. The working languages include English, Portuguese, French, Spanish, Arabic, Thai and so far. There are more than 4102 ministerial or director-general level officials and technical personnel (including 35 ministerial level and 144 director-general level officials) from 107 developing countries along with Portugal and 1 regional international organization (League of Arab States) of 5 continents worldwide, participating FJIO’s training programs. The above programs organized by FJIO have been all popular with the participants and received high reputation.</p>
<p>Seminar Content</p>	<p>1. Main lectures and content introduction</p> <p>1.1 Introduction to China’s National Conditions: This lecture will introduce Chinese history, culture, geography and the great achievements in economy, science and technology, culture, education and foreign exchange gained by the Chinese people under the leadership of the Communist Party of China since the founding of the P.R. China, especially since the reform and opening up; progress made by China in targeted poverty alleviation and building a moderately prosperous society in all aspects will also be introduced.</p> <p>1.2 Practice and Application of Technical Methods of Territorial Spatial Planning in Island Cities: This lecture will review the development and evolution of spatial planning in coastal zone and island areas, focusing on the theories and practices related to the establishment of territorial spatial planning system in China since 2019. It shares the practice and application of technical methods of territorial spatial planning in island cities with two island cities, Xiamen City and Pingtan Comprehensive Experimental Zone, as the main case studies.</p> <p>1.3 Implementing ICM Project, Promoting the Development of Blue Economy: Introduces the concept of Integrated Coastal Management (ICM) and development and implementation of ICM framework, and the method to implement ICM. Shares the Xiamen’s experiences for ICM</p>

and the establishment and development of “Xiamen ICM Model”.

1.4 Application of “3S” Technology in Marine Management: “3S” technology is a technology system integrating Geographic Information System (GIS), Global Position System (GPS) and Remote Sensing (RS). The lecture introduces the application of “3S” technology in marine resources investigation, marine ecological environment monitoring, marine development and protection, marine planning and management, etc., with the cases in the lecturer’s work.

1.5 Coastal Resilience—Key Mechanisms and Best Practices for Integrated Land-Sea Management: This course introduces the concept of coastal resilience and discusses its measurement. It provides an in-depth analysis of two classic case studies in Dapeng New District in Shenzhen (Guangdong Province and Greater Bay Area) and Xiamen (Fujian Province), to illustrate how coastal resilience can be enhanced through integrated land-sea management. Furthermore, this course offers an overview of coastal resilience studies and best practices in China and other regions worldwide.

1.6 Green Mariculture Technologies and Sustainable Blue Food Supply: Aquatic products have become a major source of nutrition and animal protein for people all around the world. “Blue food” contributes to the construction of a healthy, sustainable and equitable protein supply system. This lecture will present the current state of mariculture in China and abroad, and introduce the ecologically friendly aquaculture model, innovative technology system in seed industry, the environmental impact of blue food production, and the threat of climate change to aquaculture production.

2. Exchange and communication

During the seminar, we will arrange participants to take part in Xiamen International Ocean Forum and China-Pacific Island Countries Cooperation Seminar for Marine Disaster Risk Reduction, and conduct connection and exchange activities with high-tech enterprises of Xiamen.

3. Field trip introduction

The seminar will arrange field trips about the development of yacht industry and coastal tourism, mariculture, port and shipping, ecological environment protection on islands etc., and visit to BRICS Partnership on New Industrial Revolution Innovation Center, so as to deepen participants' understanding on marine spatial planning, marine industries development, marine environment protection, etc.