

# Seminar on Ocean Observation and Numerical Simulation for Developing Countries

## Project Description

Name	Seminar on Ocean Observation and Numerical Simulation for Developing Countries		
Organizer	Commercial Training Center of Department of Commerce of Hainan Province (Overseas Labor Training Center of Hainan Province)		
Time	July 21 <sup>st</sup> to August 3 <sup>rd</sup> , 2022	Language	English
Invited Countries	Developing Countries	Number of Participants	30
Training Goals	The seminar enables the participants to learn about the basic theory and application examples of ocean science, ocean observation and numerical simulation, enhances their ability to operate the ocean observation equipment and analyze ocean numerical simulation results, discusses effective ways to improve the level of ocean observation and numerical simulation, and provides opportunities for cooperation between China and various developing countries in the ocean field.		
Requirement to Participants	Professional background	——Field: Ocean practitioners ——Position: Ocean-related positions ——Level, academic degree or other relevant qualification requirements: Government officials, experts and managers in relevant fields ——Working years: There is no limit to the number of years of service ——Other requirement: --	
	Age	The age should not exceed the statutory retirement age	
	Physical health conditions	In good health and able to attend the seminar on time.	
	Language capability	English listening, speaking, reading and writing skills meet the teaching requirements	
	Other requirements	--	
Introduction of the Project Content	<b>Project content:</b> The seminar, in the forms of both lectures and discussions, will delve into various topics, including the development history of ocean observation and numerical simulation, observation methods and equipment usage, significance and application of investigation, analysis of calculation results and other related technical aspects. The lecture will combine theoretical lectures, case studies and group discussions to study the basic knowledge and hot issues of ocean observation and numerical simulation in developing countries, so as to cultivate the ability of participants in problem-solving. The seminar, adhering to the education philosophy of "industry-education integration," will actively encourage participants to participate in the practical operation of ocean observation and numerical simulation. In this way, both theory and practice can be equally emphasized.		

	<p>➤ Professional courses</p> <ol style="list-style-type: none"> <li>1. The Profile of China: Chinese history and folk culture</li> <li>2. Sharing of successful experience in China's fight against the COVID-19</li> <li>3. Introduction to China's (Hainan's) poverty alleviation: the connection between rural revitalization and poverty alleviation, the development of rural industry and the specific ideas of rural revitalization</li> <li>4. History and significance of ocean observation technology</li> <li>5. Introduction of marine physical parameters and observation methods in Hainan</li> <li>6. Practice and experience in Hainan - the meaning and method of marine geological and geotechnical survey</li> <li>7. The development and application of underwater robotics in Hainan</li> <li>8. History and prospects of marine numerical simulation</li> <li>9. Practice and experience in Hainan - the application of numerical simulation in scientific research and disaster prediction</li> <li>10. Preliminary analysis and case study of ocean numerical simulation results</li> <li>11. Practice and experience in Hainan - the application of numerical simulation in the design and optimization of marine structures</li> </ol> <p>➤ Themed Discussions</p> <ol style="list-style-type: none"> <li>1. Training Content Questions &amp; Answers *2</li> <li>2. The development of China's (Hainan's) marine economy*1</li> <li>3. Policies related to the development of China's (Hainan's) marine economy*1</li> </ol> <p>➤ Country Report:</p> <p>Participants can introduce basic information about their countries. To name a few: location, population, geography, economic development, history and culture, etc.</p> <p><b>Introduction of Online Training Platform</b></p> <p>During the seminar, organizer will choose Zoom as online training platform. Online lecturing will be adopted in the course program.</p> <p><b>Materials to be prepared by trainees</b></p> <p>➤ Before the start of the seminar, participants need to contact the person of the organizer in advance to get the relevant link of platform registration and complete the registration;</p> <p>Professional courses</p> <p>➤ This training is to be held via online platform, requiring network, computer, and headset.</p>		
Host City	Haikou City, Hainan Province	Cities to visit	Haikou City, Wenchang City, Wanning City and Sanya City, Hainan Province
Remarks	<ol style="list-style-type: none"> <li>1. This training is to be held via online platform, requiring network, computer, microphone, camera and other relevant equipment.</li> <li>2. During the teaching period, participants shall observe the teaching time and discipline. The training completion certificate will be issued with the attendance record taken into consideration.</li> <li>3. Teaching discipline: Please enter online classroom 5 minutes in advance, and change your</li> </ol>		

	<p>name to English name (consistent with that on passport)-nationality abbreviation. During the class, the host will turn off the microphones of participants. When preparing for the class on the platform, each trainee shall turn on the video for recording attendance.</p> <p>4. Information security: In order to maintain information security and protect personal privacy, please do not record, take screen shots or share relevant information to any social media during class. Course materials will be sent to participants after class.</p> <p>5. Participants shall prepare materials for subject seminar as scheduled and submit relevant electronic materials as required.</p>
About the organizer	<p>The Commercial Training Center (Overseas Labor Training Center of Hainan Province) is a institution directly under the administration the Department of Commerce of Hainan Province. In January 2014, the training center gained the approval of the Ministry of Commerce and became a "MOC Training Base for International Business Officials."</p> <p>By the end of 2021, commissioned by the Ministry of Commerce, the center has organized over one hundred of China-aid seminars and training courses for thousands of English-, Spanish-, French-, Portuguese-, Russian-, Arabic-, Cambodian-, Laos-, Vietnamese- and other language-speaking participants who came from nearly 100 countries and regions. In 2015, the center organized one of the first batch of MOC's "Going Global" overseas training projects - "Training Course on Tropical Crop Planting Technology for Trinidad and Tobago." In 2017, the programs undertaken by this center - "Seminar on China Economic Development Experience for Ministers of Madagascar" and "Seminar on Aviation Security Risk Management for the 'Belt and Road Initiative' Countries" saw satisfying result, winning the laud of the China International Development Cooperation Agency, the Department of Foreign Assistance of the Ministry of Commerce, the Training Center of the Ministry of Commerce, the Department of Commerce of Hainan Province, the Foreign Embassies of the recipient countries in China and all the participants!</p> <p>The center has accumulated rich training experience in the fields of tourism, hotel management, aviation, culture, island economy, project management, PPP project management, infrastructure planning and management and public management. A mature training system has been set up.</p>
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