



**WESTPAC**

10th International Scientific Conference  
17-20 April 2017 Qingdao, China

# 10th International Scientific Conference

Advancing Ocean Knowledge,  
Fostering Sustainable Development

*From the Indo-Pacific to the Globe*

## SECOND ANNOUNCEMENT

17-20 April 2017, Qingdao, China

<http://www.iocwestpac10.com>

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United Nations  
Educational, Scientific and  
Cultural Organization



Intergovernmental  
Oceanographic  
Commission



## DON'T MISS THE IMPORTANT DATES

REGISTRATION

ABSTRACT SUBMISSION

TRAVEL GRANT APPLICATION

BEST YOUNG SCIENTIST AWARD APPLICATION

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*We are pleased to invite you to the 10<sup>th</sup> WESTPAC International Scientific Conference entitled “Advancing Ocean Knowledge, Fostering Sustainable Development: from the Indo-Pacific to the Globe” in Qingdao, China, 17-20 April 2017.*



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## TRANSPORTATION



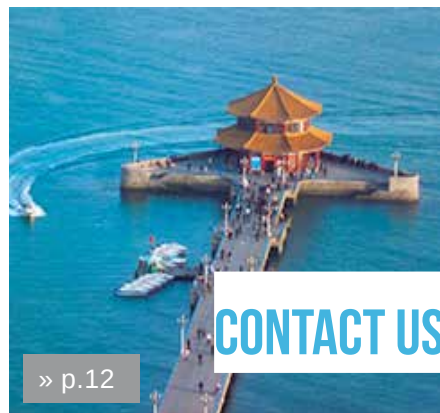
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# INTERNATIONAL SCIENTIFIC STEERING COMMITTEE

## 10<sup>TH</sup> WESTPAC INTERNATIONAL SCIENTIFIC CONFERENCE

Fangli Qiao (Chair)	First Institute of Oceanography, SOA, China
Vo Si Tuan (Co-Chair)	Institute of Oceanography, VAST, Vietnam
Youn-Ho Lee	Korea Institute of Ocean Science and Technology, Republic of Korea
Ken Ando	Japan Agency for Marine-Earth Science and Technology, Japan
Zainal Arifin	Indonesian Institute of Sciences, Indonesia
Yasuwo Fukuyo	The University of Tokyo, Japan
Michida Yutaka	The University of Tokyo, Japan
Weidong Yu	First Institute of Oceanography, SOA, China
Nor Aieni Haji Mokhtar	University Malaysia Terengganu, Malaysia
Gil Suico Jacinto	University of the Philippines, Philippines
Vyacheslav Lobanov	V.I.II'ichev Pacific Oceanological Institute, RAS, Russian Federation
Somkiat Khokiattiwong	Phuket Marine Biological Center, Thailand
Siew-Moi Phang	University of Malaya, Malaysia
Bo Qiu	University of Hawaii, USA
Fadli Syamsudin	Agency for the Assessment and Application of Technology, Indonesia
Dongchull Jeon	Korea Institute of Ocean Science and Technology, Republic of Korea
Wenxi Zhu	IOC Sub-Commission for the Western Pacific, IOC/UNESCO
Shahadat Hossain	University of Chittagong, Bangladesh
T.K.D. Tennakoon	University College Kuliypitiya, Sri Lanka

## INTRODUCTION



The ocean, our common heritage, is key to sustaining all humankind on the planet. The Western Pacific and its adjacent regions are of vast social and economic importance, thus vital to humans' survival and prosperity not only for the region, but for the whole world.

The **IOC<sup>1</sup> Sub-Commission for the Western Pacific (WESTPAC)** has been committed to its mission to promote international cooperation in marine research, observations, services and capacity development in the Western Pacific and its adjacent regions, in order to generate and advance ocean knowledge for marine environment protection, ocean governance, and sustainable development of marine and coastal resources.

Following the adoption of the United Nations Agenda 2030, together with its 17 Sustainable Development Goals for the planet, we are pleased to invite you to the 10<sup>th</sup> WESTPAC International Scientific Conference entitled "**Advancing Ocean Knowledge, Fostering Sustainable Development: from the Indo-Pacific to the Globe**" in Qingdao, China, 17-20 April 2017.

This Conference will offer an essential opportunity in the region for marine scientists, ocean institutions and their countries to advance marine scientific knowledge, catalyze multi- and cross-disciplinary collaborations with a view to addressing challenges that countries in this region are facing, including these in achieving the Sustainable Development Goals, particularly the dedicated Goal 14 for the ocean: *Conserve and sustainably use the oceans, seas and marine resources for sustainable development.*

The Conference will take place at the Shangri-la Hotel, No.9 Hong Kong Middle Road, Qingdao, 266071, China.



<sup>1</sup>Intergovernmental Oceanographic Commission (IOC) of UNESCO, the competent agency within the United Nations system for marine scientific research, observations, services and capacity building.

## KEYNOTES & SESSIONS

Keynotes and sessions, open to all participants, will focus on four main sub-themes: (1) Understanding Ocean Processes and Climate in the Indo-Pacific, (2) Ensuring Marine Biodiversity, Food Safety and Security, (3) Maintenance of Ocean Health; and (4) Enhancing Knowledge of Crosscutting and Emerging Issues.



### KEYNOTE SPEECHES

- Super El Nino 2015-2016, La Nina (ENSO), and its impacts on the region
- Monsoon and ocean
- Massive ocean biodiversity shift –findings from research
- Microplastic and macroplastic pollution
- Scientific advances on ocean observations and modelling techniques
- Prospects for marine social-economic analysis
- Science-policy nexus in the governance of marine biodiversity
- The broad science agenda of IOC and WESTPAC: from a healthy Indo-Pacific to global sustainability
- Risk and vulnerability assessment on coastal sea-level related hazards
- Western boundary current: dynamics, variability and their impacts on climate and marine ecosystems
- Sediment source-to-sink process in the Western Pacific
- Past climate variations over the Asian continental margin
- Asian Marginal Seas: physics, biogeochemistry and ecosystem

### Sub-theme B: Ensuring Marine Biodiversity, Food Safety and Security

- Marine taxonomy and biogeography
- Status, trends of marine biodiversity, and impacts of climatic and anthropogenic stressors
- Research and conservation of endangered species
- Sustainable fisheries and environmentally friendly aquaculture
- Toxic marine organisms and seafood safety

### Sub-theme C: Maintenance of Ocean Health

- Chemical contaminants and issues of emerging concern
- Ocean acidification and its impacts on marine ecosystems
- Harmful algal blooms
- Harmful jellyfish
- Remote sensing in integrated coastal and marine management
- Rehabilitation and conservation of marine ecosystems



### SESSIONS

#### Sub-theme A: Understanding Ocean Processes and Climate in the Indo-Pacific

- Role of the Indo-Pacific ocean in regional climate change and variability
- Atmospheric deposition and biogeochemical interaction processes

### Sub-theme D: Enhancing Knowledge of Crosscutting and Emerging Issues

- Ocean observations in the Indo-Pacific: major advances and challenges
- Sensor and observation technology
- Ocean data and information management in the Western Pacific
- Ocean and climate model development and applications
- Marine renewable energy technology
- Coastal ecosystem services and marine social-economic analysis
- Blue economy research and practices
- Ocean science policy and governance
- Marine scientific advances and knowledge gaps in the South China Sea

### BRINGING MARINE SCIENCE INTO SCHOOLS

To inspire young generations' enthusiasm for marine science, selected scientists will be invited, during the conference, to give lively lectures at several elementary and middle schools in Qingdao.

### SCIENTIFIC JOURNAL

Selected papers will be published as a special issue of the *Acta Oceanologica Sinica*, a SCI professional scientific journal focusing on ocean research in the Asia-Pacific region with an impact factor of 0.747 in 2014. More information could be found at <http://www.hyxb.org.cn/aosen/ch/index.aspx>

### IMPORTANT DATES

**25 Jun 2016:** Registration and abstract submission, travel grant application, and Best Young Scientist Award application **open**

**15 Nov 2016:** **Deadline** for early registration, abstract submission, travel grant application, and Best Young Scientist Award application

**15 Dec 2016:** Abstract acceptance notification, travel grant notification

**15 Jan 2017:** Confirmation of participation by paper & oral presenters

**17 Apr 2017:** 10<sup>th</sup> WESTPAC International Scientific Conference opens

## REGISTRATION & FEE

The conference venue can host a maximum of 600 participants. In order to avoid disappointment, the Organizing Committee strongly encourages early registration. Registration will open in June 2016.

	Early Registration Fee (no later than 15 Nov 2016)	Normal Registration Fee (after 15 Nov 2016)
Regular	USD 100	USD 150
Student*	USD 50	USD 80
Accompanying person**	USD 50	USD 80

\*Students shall provide a supporting document issued from their universities or faculties stating their current enrollment.

\*\*Includes all social events.

All registration fees will cover admission to all oral and poster sessions, coffee breaks, several meals, and printing materials. To plan our events more efficiently, interested participants are encouraged to pre-register as early as possible via our on-line Pre/Registration and on-line Payment Form in the website: <http://www.iocwestpac10.com>

**Cancellation policy:** Registration can be cancelled until 15 January 2017. An administration fee of 50% will be deducted from the amount paid. No refunds could be made after 15 January 2017.

## TRAVEL SUPPORT & YOUNG SCIENTIST TRAVEL GRANT

Financial support will be available for a limited number of participants, especially for young scientists and students (under 35 years old as of 20 April 2017) from developing countries in the WESTPAC region. Applications for financial support will be evaluated on the basis of the submitted abstracts and geographical distribution. The organizers reserve the right to select the participants to be supported.

## ABSTRACT SUBMISSION

Abstracts shall be submitted from **25 June 2016 until 15 November 2016** via the conference website at <http://www.iocwestpac10.com>

All abstracts must be prepared in English with no more than 400 words, and must exclude formula, figures and symbols. The template of abstract could be downloaded from the conference website.

## POSTER SESSIONS

The poster should be in A0 size (841 mm x 1,189 mm or 33.1" x 46.8"), portrait form.

## SPONSORSHIP

The conference offers a grand opportunity for ocean-related organizations or companies to display their competences, products and services, and the WESTPAC International Scientific Conference welcomes the possible sponsorships from public and private sectors. For more information, please contact the WESTPAC office.



# USEFUL INFORMATION

## QINGDAO

**Q**ingdao is a medium-sized coastal city in eastern Shandong Province on the east coast of China with a population of 8.6 million. **Qing** in Chinese means “green” or “lush”, while **dao** means “island”. Looking out to the Yellow Sea and surrounded by the sea on three sides, the city attracts a larger number of visitors with its charming seascape. The red roofs, green trees, blue sea, and azure sky form a bright and colorful picture here. The city was named one of the China’s most livable cities.

While hosting one of the world’s busiest seaports, Qingdao is reputed for marine science and technology as home to several major ocean research institutions. 70% of China’s academicians and 30% of senior researchers in marine science and technology are working in this city.

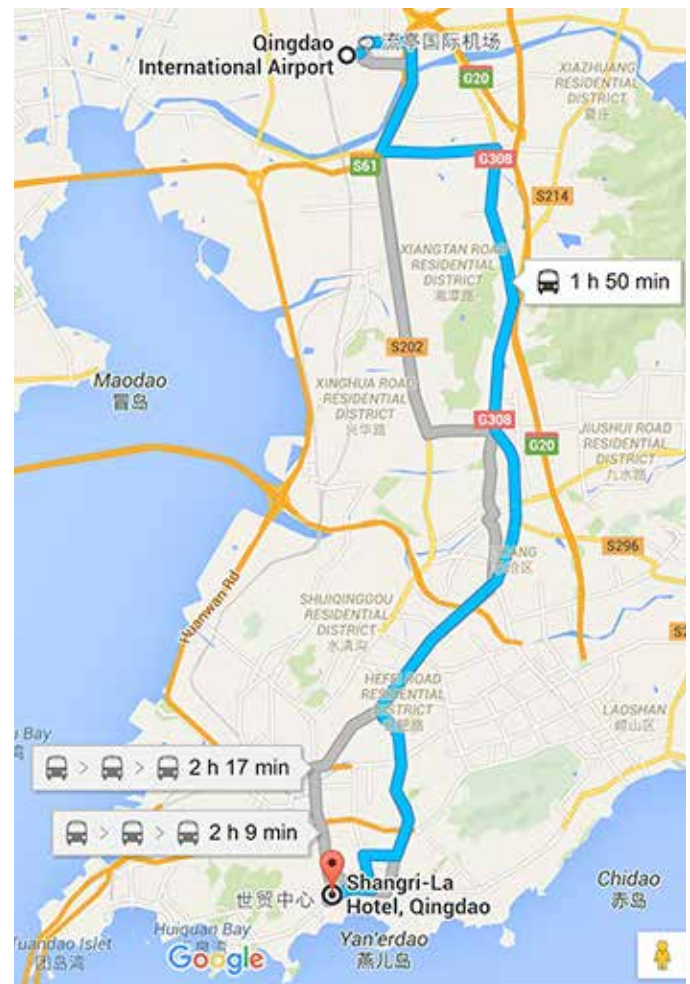
**Qingdao Liuting International Airport**, an important air hub in east China, is the main international airport serving the city of Qingdao with easy access from cities both at home and abroad, including Frankfurt, Los Angeles, Seoul, Busan, Tokyo, Nagoya, Osaka, Fukuoka, Singapore, Bangkok, Phuket, Da Nang, Beijing, Shanghai, Hong Kong, Taipei, Guangzhou, Hangzhou, Xiamen and Xi’an etc.

## Transportation to/from Airport

**T**he conference venue is located in the downtown of Qingdao city, 25.5 kilometers from the Qingdao Liuting International Airport. There are several options to reach the conference venue. Participants can choose either taxis, shuttle buses, or hotel limousine pick-up.

**Taxis:** It will cost you around 100 RMB (~15 USD) if you take a taxi from the airport to the conference venue. The Taxi Stand at the airport is located in the basement as clearly indicated in the arrival hall.

**Shuttle Bus:** There are five shuttle lines operating between Qingdao Liuting International Airport and downtown. The shuttle buses depart regularly and cover most major places in the local city. You can find these details at <https://www.travelchinaguide.com/cityguides/shandong/qingdao/getting-around.htm>



## Weather

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April welcomes the spring and it is a mild month, but temperature differences during the day and night are significant with average daytime/nighttime temperatures (15°C/7°C). A pullover lined with a raincoat is suitable. Bring a thick coat if you go to the seaside or outside in the early morning and evening.

## Time Zone

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GMT+0800

## Currency & ATM

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The official currency of China is **RMB**. Normally, retailers in Qingdao won't accept other currencies in cash. Visa, MasterCard, American Express, JCB, Diners Club, Discover and other major international credit cards are accepted at most larger establishments or can be used to withdraw cash in local currency from ATMs throughout the city.

## Electricity & Electrical Outlet

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Voltage is 220 and most outlets accept US and European style plugs.

## VISA

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Participants are advised to check with his/her nearest Chinese Embassy or Consulate whether a visa is necessary for entry into China and how to apply. If you need a visa to enter China, you will need an invitation letter. This letter will be issued by the Local Organizing Committee if requested during the registration process.

## Accommodation

Shangri-La Hotel Qingdao (conference venue)  
<http://www.shangri-la.com/qingdao/shangrila/>

Special rates valid till 15 February 2017 are available at the conference website (<http://www.iocwestpac10.com>). The number of rooms at the preferential rate is limited so we recommend reserving early. Reservation could be made with the hotel directly via:

<http://www.shangri-la.com/qingdao/shangrila/reservations/>

Please use the following group codes to make your room reservation.



- FIR160417K for King Room
- FIR160417T for Twin Room

### Other hotels nearby:

Qingdao Beihai Hotel  
 (Five minutes walk to the conference venue)  
 No.7 Hong Kong Middle Road,  
 Shinan district, Qingdao  
 Reservation could be made via [www.agoda.com](http://www.agoda.com)  
 and <http://beihaihotelqingdao.com/>

Housing International Hotel  
 (Five minutes walk to the conference venue)  
 No.10 Hong Kong Middle Road  
 Shinan district, Qingdao  
 Reservation could be made via [www.agoda.com](http://www.agoda.com)  
 or [www.booking.com](http://www.booking.com) and <http://www.housinghotel.com/main/>



## ORGANIZERS & SPONSORS

### Hosted by



State Oceanic Administration (SOA), China is the national competent agency in China for marine science and technology development, ocean governance, ecological environmental conservation, as well as marine disaster preparedness and mitigation.

### Organized by



The IOC Sub-Commission for the Western Pacific (WESTPAC), established in 1989 by the Intergovernmental Oceanographic Commission of UNESCO (IOC/UNESCO), is committed to promoting international cooperation in marine research, ocean observations and services, as well as capacity building in the Western Pacific and eastern Indian Ocean, in order to learn more about the nature and resources of the ocean and coastal areas and to apply that knowledge for the improvement of marine environmental protection, ocean governance, and sustainable development of marine and coastal resources.



The First Institute of Oceanography (FIO), State Oceanic Administration (SOA), China, established in 1958, is a comprehensive research institute specialized in both basic and applied research in oceanography and marine related science and technology with missions to provide technical support and research services for marine resources management, national marine protection, public service, marine economic development and marine safety.

### Sponsored by



### In collaboration with



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