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**МЕЖДУНАРОДНЫЙ САММИТ РЕКТОРОВ
МОРСКИХ УНИВЕРСИТЕТОВ – 2016: ОТКРЫТОСТЬ
К СОТРУДНИЧЕСТВУ, ОБМЕН ИННОВАЦИЯМИ,
ПЕРСПЕКТИВЫ МОРСКОГО ВЫСШЕГО ОБРАЗОВАНИЯ**

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**INTERNATIONAL OCEAN UNIVERSITY RECTOR'S
SUMMIT – 2016: COLLABORATIVE OPENNESS, INNOVATIVE
SHARING, OUTLOOK OF MARINE HIGHER EDUCATION**

В статье подводятся итоги Международного саммита ректоров морских университетов (Китай, г. Джоушен, ноябрь 2016 г.). Обсуждаются перспективы сотрудничества Российского государственного университета и Морского университета Жейян в сфере подготовки кандидатов и докторов наук по комплексу морских дисциплин.

Ключевые слова: морские науки, международное сотрудничество, зона опережающего экономического развития, Морской шелковый путь, транспортный коридор.

In this article, we analyze the results of the International Ocean University Rector's Summit (November 15– 17, city of Zhoushan, China). Perspectives of cooperation between Russian State Hydrometeorological university and Zhejiang Ocean University in the education of PhD students in the marine Sciences area are discussed.

Keywords: marine sciences, international cooperation, advanced economic development zone, Maritime Silk Road, transport corridor.

In November 15–17, 2016, the International Ocean University Rector's Summit took place in the city of Zhoushan, in the Zhoushan Archipelago New Area (Zhejiang Province, China, coastal zone of the East China Sea). The Summit was supported by China Association of Higher Education, Chinese Society for Oceanography, the People's Government of Zhoushan Municipality, and hosted by Zhejiang Ocean University (ZJOU). The theme of this International Forum was "Collaborative Openness, Innovative Sharing / Outlook of Marine Higher Education".

Zhoushan is a well-known island city that adjoins Shanghai, a metropolis of China, Ningbo, an international port city, and Mount Putuo, acclaimed as "the Buddhist Paradise amidst the Sea and the Sky". On the islands of the Archipelago, a number of places of interest are located, reflecting rich cultural history of the area (fig. 1).

The islands of the Archipelago are connected with the mainland through the number of marine bridges, constructed at the end of 2007 (fig. 2).

Close to the Yangtze River Delta and facing the Pacific Ocean, Zhoushan is the foreground of the development of China's marine industry, the strategic checkpoint



Fig. 1. “The Buddhist Paradise amidst the Sea and the Sky” on the Zhoushan Archipelago (photo M. Shilin)

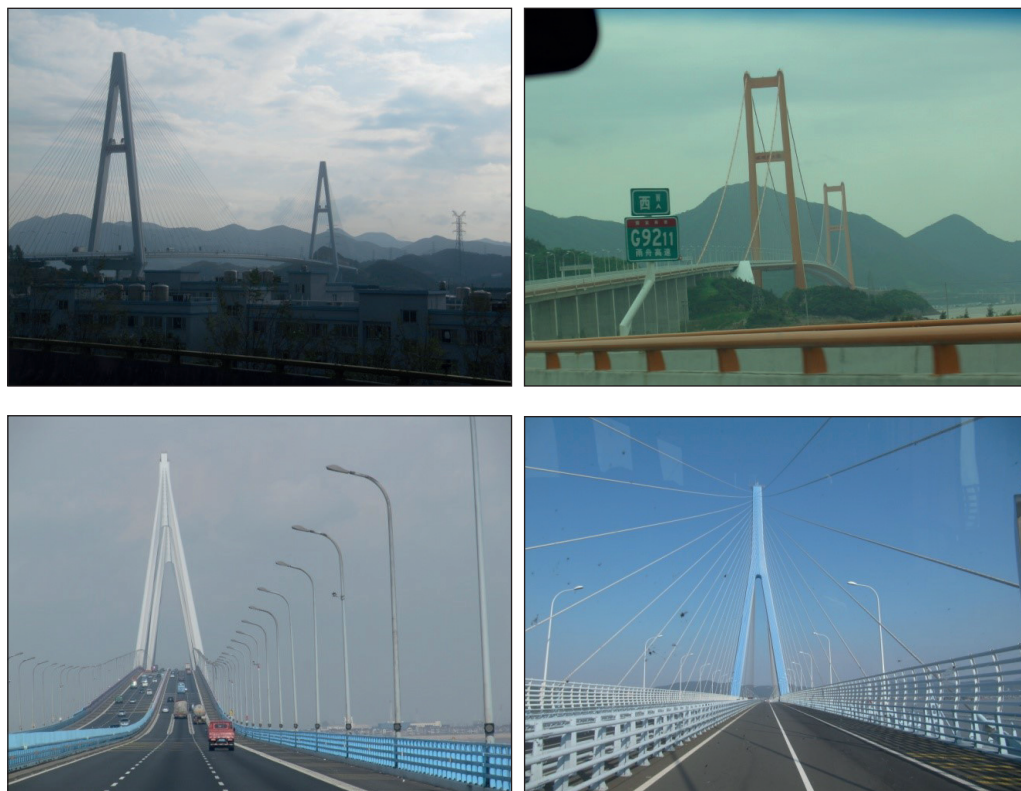


Fig. 2. The way to Zhoushan is going over the marine bridges (photo M. Shilin)

of the construction of the “XXIst Century Maritime Silk Road”, and the bridgehead of the Pacific Rim Economic Circle.

In December 2003, the General Secretary of the Communist Party of China and President Xi Jinping visited ZJOU and inspected the university’s bases for industry, education and research when he was Secretary of the CPC Committee of Zhejiang Province (fig. 3).

During his inspection in Zhoushan in May, 2015 President Xi Jinping pointed out that “the development and opening of Zhoushan is strategically significant at regional and national levels” (fig. 4).

The ZJOU, founded in 1958, is one of the earliest marine universities in China, and has now his position among the five domestic ocean universities. Geographically, it is situated in the urban zone of Zhoushan Archipelago New Area, which is the first Chinese state-level new area featuring marine economy, with developed infrastructure and modern scheme of the transport logistic.

In the last few years, the ZJOU, as the center of higher education, has undergone an all-round and sustainable development. It is a province-affiliated institution educating in four main fields – ocean science, fishery, naval architecture and ocean engineering, with a multi-disciplinary coordinated development of science, agronomy, engineering, liberal arts, economics, management and pedagogy. For about 60 years, the ZJOU has persisted in running a school on the islands, having made great contributions both to the marine talent education in the East China Sea, and to the sustainable development of fishery and aquaculture, as well as the transformation and upgrading of the whole marine economy.



Fig. 3. Zhoushan is the foreground of the development of China’s marine industry
(photo Sang Wenge Zhoushan Radio and Television Group)



Fig. 4. President Xi Jinping:
“The development and opening of Zhoushan is strategically significant at regional and national levels”

The University has 10 schools, 3 research institutions, and over 1300 full-time faculty and staff members, among which 249 professors and 413 PhD experts. There are over 15 800 full-time students.

Bearing in mind the spirit of the school motto “Embracing Diversity, Pursuing Excellence”, the ZJOU is taking opportunities brought about by the nation-wide development of institutions of high learning and marine economy. The University aims not only to be a training base for marine talents but also to be a research platform for marine scientific innovations and technological breakthrough as well as an incubator for marine high-tech industries. The ZJOU is now speeding up its implementation of strategic transformation from a teaching-oriented university to a teaching-research oriented university.

At present, as the “Strategy to Build Up a Strong Oceanic Power” is being implemented in China, taking the chance both of the establishment of Marine Silk-Road and of the construction of Zhoushan Archipelago New Area, the ZJOU, adhering to connotation-oriented development, collaborative innovation, and international educational and Sci-Tech cooperation, is optimizing management, developing its characteristics, strengthening advantages, promoting teaching and research quality, striving to become an important cradle for cultivating professional marine talents, an incubator of marine high-tech industries, and a vital center for China oceanic culture, in a hope to develop itself by 2020 into a high-level oceanic university with great influence both at home and abroad with prominent characteristics.

Delegates from 24 universities from 11 countries participated in the Summit-2016: China, Israel, Japan, Russia, Senegal, South Korea, Taiwan, Tanzania, Thailand, Ukraine and the USA (Hawaii). From Russia, there were delegations from the Russian State Hydrometeorological University (RSHU), Saint-Petersburg State Marine Technical

University, and South Ural State University. All the participants of the Summit received the unique possibility to exchange new ideas, broaden the horizon, promote mutual intimacy and negotiate a blueprint of the international marine higher education reform during this event (fig. 5).

During the opening ceremony, the guests of the Summit were welcomed by the Chairman of China Association of Higher Education Qu Zhenyuan, President of Chinese Society for Oceanography Chen Lianzeng, Zhoushan Mayor Wen Nuan and the Party Secretary of the ZJOU Liu Hongming. President of ZJOU, professor Wu Changwen, extended his sincere welcome and heartfelt thanks to all the guests (fig. 6).

The principal speakers of the 1st day of the Summit were Vice-President of Ocean University of China Wu Lixin, President of Taiwan Ocean University Zhang Qingfeng, President of Mokpo National University Il Choi (Korea), President of Penghu University of Science and Technology Wang Yingway, Dr. Sunantha Osiri (Burapha University, Thailand), Vice-President of Taipei College of maritime Technology Chen Wenxi, Vice-President of South Ural State University Andrey A. Radionov (Russia), President of Kunsan National University Euigyun Na (Korea), acting Rector of RSHU Valerij L. Mikheev (Russia), President of Tokyo University of Marine Science and Technology Toshio Takeuchi (Japan), President of Dalian Ocean University Yao Jie, Vice-President of Makarov National University of Shipbuilding Eugeniy I. Trushliakov (Ukraine), Vice-President of Guangdong Ocean University Liu Dongchao, Representative of Principals of University of Haifa Gil Gambash (Israel), Representative of Principals of University of Dakar Malick Diouf (Senegal), Vice-President of Hainan Tropical Ocean University Yang Ziju, Vice-President of University of Dar es Salaam Luoga Fdam (Tanzania), Vice-President of Shanghai Ocean University Wu Jiannong, President of Kaohsiung Marine University of Science and Technology Lu Xuexin, President of Pukyong National University Young Seup Kim (Korea). The RSHU team demonstrated the video



Fig. 5. The group photo of rectors and vice-rectors – delegates of the Summit-2016 (photo ZJOU)



Fig. 6. Welcome to the guests of the Summit by President of ZJOU, professor Wu Changwen (photo I. Mushket)

about the main directions of scientific and educational activities of the University, with detailed comments. The presentation initiated an interesting discussion with colleagues and professionals from other marine universities about possible fields of cooperation, and attracted attention of the local mass media from Sang Wenge Zhoushan Radio and Television Group.

On the 2nd day of the Summit, acting Rector of RSHU Valerij L. Mikheev and President of ZJOU Wu Changwen signed the Agreement about cooperation in the field of marine environmental education. Both universities will co-supervise 1-2 PhD-students annually. The supervisor should be the faculty member from RSHU. The co-advisors are at least one faculty member from RSHU, and at least one faculty member from ZJOU. The PhD-students will take theoretical courses at RSHU, do research and write their dissertations in ZJOU. The students are required to take a qualifying examination, proposal defense and dissertation defense at RSHU or ZJOU. The dissertation will be advised by the both universities.

During the open discussion between the delegation of RSHU and the top-management of the ZJOU it was stressed that the XXI century is the century for the exploitation of seas and oceans (fig. 7). The education of highly qualified professionals is an essential prerequisite of tapping marine resources.

On the last day of the Summit, the delegations of all the participating universities signed the Zhoushan Declaration with the following text.

«The 24 universities from the same globe have become attached to one another due to the sea. We all have gathered in Zhoushan with the deep love to the blue sea. Beautiful and well-known far and near, Zhoushan is a fishing port city with a long history. It was



Fig. 7. RSHU delegation with ZJOU rector (from the left to the right):
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once the important sea route to the Maritime Silk Road. And now Zhoushan is a new area of marine economic development in China. Both the history and the future are interwoven here. Both the honor and the dream are integrated here. Today, by the light of “2016 International Ocean University Rector’s Summit” and based on the conception of “Collaborative Openness, Innovative Sharing”, we all have met at Zhejiang Ocean University to discuss not only the cooperative innovation mechanism of the global higher education, but also the establishment of the academic exchange platform for mutual benefit in such respects as talent cultivation, scientific research and resource sharing, and so on so forth, expecting the realization of fine cooperative vision of common progress. Now it is time to ride the wind and cleave the waves. Let’s hoist the sails to forge ahead on the sea. On the very occasion of this golden autumn, this fine month of November and this lucky day, we are here to issue the following joint declaration:

- The boundless universe brings us bright heaven and earth;
- The magnificently vast sea breeds various kinds of lives.
- Self-discipline and social commitment contribute to peaceful happiness;
- Every country relies on the sea to make its homelands thrive forever.
- Knowledge and protection of the sea need education to go in advance;
- Development and exploitation of the sea mold the cultivation of talents.
- Tolerance to diversity draws outstanding people to assemble together;
- Getting together in Zhoushan enables us to issue a declaration to the sea:
- The goal of university education is to spread civilization;
- Mutual learning by exchanging views is our common philosophy.
- Constant self-improvement helps the sea change with each passing day.
- Opening up in cooperation is conducive to share wins in common».