



## Consejo

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Período de sesiones del Consejo, segunda parte

Kingston, 16 a 20 de julio de 2018

Tema 6 del programa

**Elección para llenar una vacante en la Comisión  
Jurídica y Técnica, con arreglo al artículo 163,  
párrafo 7, de la Convención de las Naciones  
Unidas sobre el Derecho del Mar**

## **Elección para llenar una vacante en la Comisión Jurídica y Técnica, con arreglo al artículo 163, párrafo 7, de la Convención de las Naciones Unidas sobre el Derecho del Mar**

### Nota del Secretario General

1. Se invita al Consejo de la Autoridad Internacional de los Fondos Marinos a tomar nota de que la Sra. Jun Wu (China), miembro de la Comisión Jurídica y Técnica, renunció a su cargo el 1 de junio de 2018. La Sra. Jun Wu había sido elegida miembro de la Comisión el 22 de julio de 2016 por un mandato de cinco años a partir del 1 de enero de 2017 (véase [ISBA/22/C/29](#)).
2. De conformidad con el artículo 163, párrafo 7, de la Convención de las Naciones Unidas sobre el Derecho del Mar y el artículo 80, párrafo 3, del reglamento del Consejo, en caso de fallecimiento, incapacidad o renuncia de un miembro de la Comisión antes de terminar su mandato, el Consejo elegirá a una persona de la misma región geográfica o esfera de intereses, quien ejercerá el cargo durante el resto de ese mandato.
3. El artículo 163, párrafo 3, de la Convención y el artículo 81 del reglamento del Consejo disponen que los miembros de la Comisión tendrán las calificaciones adecuadas en la esfera de competencia de la Comisión y que los Estados partes propondrán candidatos de la máxima competencia e integridad que posean calificaciones en las materias pertinentes, de modo que quede garantizado el funcionamiento eficaz de la Comisión.
4. Mediante una nota verbal de fecha 5 de junio de 2018, la Misión Permanente de China ante la Autoridad Internacional de los Fondos Marinos informó a la secretaría de la Autoridad de la presentación de la candidatura del Sr. Shengxiong Yang, Director Geocientífico y Profesor Investigador del Servicio de Geología Marina de Guangzhou, Servicio Geológico de China, para ocupar el puesto vacante en la Comisión. El currículum del Sr. Shengxiong Yang figura en el anexo de la presente nota\*.

\* El anexo se distribuye únicamente en el idioma en que fue presentado.



## Anexo

### Curriculum\*

#### Shengxiong Yang (China)

##### Present occupation

Chief Geoscientist and Research Professor, Guangzhou Marine Geological Survey, China Geological Survey (CGS), August 2005-present

Director, Key Laboratory of Marine Mineral Resources, Ministry of Nature Resources, P.R. China, December 2012-present

##### Education

BA, Marine Geology and Geophysics, Shandong College of Oceanology (now named Ocean University of China), Qindao, China, July 1985

MSc, Marine Geology, Ocean University of Qingdao (now named Ocean University of China), Qingdao, China, June 1988

PhD, Marine Sedimentology, China University of Geosciences (Beijing), Beijing, China, June 2004

##### General scientific interests

- Marine geology and geophysics
- Deep sea mineral resources R&D
- Investigation of marine gas hydrates
- Marine sedimentology, especially on the paleoclimate, paleoceanology

##### Professional experience

2005-present	Chief Geoscientist and research professor, Guangzhou Marine Geological Survey (GMGS), China Geological Survey (COS)
2001-2005	Deputy Chief Geoscientist and research professor, Guangzhou Marine Geological Survey (GMGS), China Geological Survey (CGS)
2000	Chief Geoscientist and senior marine geologist, Second Marine Geological Investigation Brigade, GMGS
1994-1999	Senior Marine Geologist, Second Marine Geological Investigation Brigade, GMGS
1988-1994	Marine Geologist, Second Marine Geological Investigation Brigade, GMGS

##### Research experience

2012-2016	Expert panels member of the subject “Marine Oil and Gas Resources Development Technology” of National High-Tee R&D Programme (863 Programme)
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\*Curricula vitae are issued without formal editing.

2009-2013	Chief Scientist of the project “Research on the Enrichment Characteristics and Production Knowledge Base of Gas Hydrate in South China Sea” supported by National Basic Research Programme (973 Programme)
2007-2011	Chief Scientist of the project “Deep Sea Mineral Resources Estimation Research on the Co-rich Crusts and Polymetallic Nodules etc.”
2001-2005	Chief Scientist of the project “Deep Sea Mineral Resources Investigation and Estimation Research”
2007-2010	Expert Committees member of the priority “Sea Technology” of National High-Tee R&D Programme (863 Programme)
2001-2004	Expert panels member of the subject “Marine Resources Development Technology” of National High-Tee R&D Programme (863 Programme)
2003-2004	Visiting Scholar in Technical University of Berlin, Berlin, Germany, Research on Deep Sea Mineral Resources supported by BMBF, Germany
1993	Visiting Scholar in IFREMER and École nationale supérieure des mines de Paris, France, Research on Deep Sea Multimetallic Nodules Resources Estimation supported by the French Ministry of Foreign Affairs

#### **Onboard investigation experience**

2016	Chief Scientist, Leg.1 of GMGS 2016 gas hydrate drilling expedition by M/V Voyager in Xisha, South China Sea
2015	Chief Scientist, Leg.1 of GMGS 2015 gas hydrate drilling expedition by M/V Voyager in Dongsha, South China Sea
2013	Chief Scientist, Leg.1 of GMGS 2013 gas hydrate drilling expedition by M/V Rem Etive in Dongsha, South China Sea
2012	Chief Scientist. Deep Sea Mineral Resources Expedition. Leg.1 of cruise DY27 by R/V Haiyang Liuhao on Pacific
2011	Chief Scientist, Deep Sea Mineral Resources Expedition, Leg.1 of cruise DY23 by R/V Haiya g Liuhao on Pacific
2007	Chief Scientist, Leg.2 of GMGS 2007 gas hydrate drilling expedition by M/V Bavenit in Shenhu Area, South China Sea
2004	Chief Scientist. Deep Sea Mineral Resources Expedition, Leg.2 of Cruise DYI05-16 by R/V Dayang Yi Hao on Pacific
2003	Chief Scientist, Deep Sea Mineral Resources Expedition, Cruise DY105-13 by R/V Haiyang Si Hao on Pacific

#### **Recent publication and lecture**

- (1) Shengxiong Yang, *Gas Hydrates R&D in South China Sea - Efforts and Future Plan, 2018*, Natural Gas Hydrate Systems, Gordon Research Conference, Galveston, Texas.
- (2) Yang Shengxiong, Liang Jinqiang, Lu Jingan, et al, *Petrophysical Evaluation of Gas Hydrate in Shenhu Area, China*. 2017, The 23rd Formation Evaluation Symposium of Japan.

- (3) Yang Shengxiong, Liang Jinqiang, Liu Chanling, Sha Zhibin, *Progress on the Program of Marine Gas Hydrate Investigation, China Geological Survey*, 2017, 4(2): 1-8. In Chinese with English abstract.
- (4) Yang Shengxiong, Liang Jinqiang, Lei Yong, Gong Yuehua, Xu Huaning, Wang Hongbin, Lu Jingan, Melanie Holland, Peter Schultheiss, Wei Jiangong, and the GMGS4 Science Team, 2017, *GMGS4 Gas Hydrate Drilling Expedition in the South China Sea, Fire in the Ice*, 17(1): 7-11.
- (5) Yang Shengxiong, Liang Jinqiang, Lu Jinan et al, New Understanding on Characteristics and Controlling Factors of Gas Hydrate Reservoir in Shenhu Area on Southern Slope of South China Sea, *Earth Science Frontiers*, 2017, 24: 1-24. In Chinese with English abstract.
- (6) Yang Shengxiong, Long Xiao-Jun, Qi Qi, et al, *The Mineralogical and Geochemical characteristics of Co-rich crusts from the western Pacific -taking the Co-rich crusts from Magellan and Marcus-wake seamounts as an example, Periodical of Ocean University of China*, 2016, 2: 105-116. In Chinese with English abstract.
- (7) Shengxiong YANG, Guangxue ZHANG. Ming ZHANG. Jinqiang LIANG. Jingan LU, Melanie HOLLAND, Peter SCHULTHEISS, *A COMPLEX GAS HYDRATE SYSTEM IN THE DONGSHA AREA, SOUTH CHINA SEA: RESULTS FROM DRILLING EXPEDITION GMGS2, 2014*, Proceedings of the 8th International Conference on Gas Hydrates (ICGHB-2014), Beijing, China.
- (8) YANG Shengxiong, WANG Hongbin, ZHANG Guangxue, HE Gaowen, *New Achievement of Methane Hydrate R&D in South China Sea*, 2014, ISOPE-2014 BUSAN, KOREA.
- (9) YANG Shengxiong, ZHANG Haiqi, ZHANG Guangxue, ZHANG Ming, WANG Hongbin, XU Huaning, *Occurrence and Enrichment Characteristics of Gas Hydrate in the Northern South China Sea*, 2010 Western Pacific Geophysics Meeting, 2010, Taipei.
- (10) Yang Shengxiong, Wang Hongbin, Xu Huaning, Zhang Baojin, *Seismic Reflection of the Nature Gas Hydrate in the Northern South China Sea*, Workshop on Geophysical Investigation by National Basic Research Program of China (973 program), 2009, Beijing. In Chinese.
- (11) Shengxiong YANG, Haiqi ZHANG, Nengyou WU et al, *High Concentration Hydrate in Disseminated Forms Obtained in Shenhu Area, Northern South China Sea*, ICGH 2008, 2008, Beijing.
- (12) Yang Shengxiong, He Gaowen, Chen Bangyan, *The development on the marine mineral resources exploration and environmental inspecting*, in 2007 China High-tech development bulletin, Science Press, 2007, pp. 160-167. In Chinese.
- (13) Yang Shengxiong, *Characteristics of the Cobalt-Rich Ferromanganese Crusts Resources on the Seamounts*, Seminar on the Minerals and Other Resources Found in Marine Areas Beyond the Limits of National Jurisdiction (the "Area"), 2007, Manado, Indonesia.
- (14) Yang Shengxiong, *A Suggested Consideration to the Draft Regulation on Prospecting and Exploration for Cobalt-rich Ferromanganese Crusts*, Workshop on Mining Cobalt-rich Ferromanganese Crusts and Polymetallic Sulphides in the Area, ISA, 2006, Jamaica.
- (15) Yang Shengxiong, Fu Xi, Wu Ya-dong and Wen Peng-fei, *The principle of least-squares-inverse filtering and its application in gas hydrate*, *Acta Oceanologica Sinica*, 2004, 3: 75-81. in Chinese with English abstract.

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- (16) Yang Shengxiong, Chen Bangyan, Liu Feng, *Environment inspecting on the seafloor and the ocean mineral resources exploration and estimation*, in 2003 China High-tech development bulletin, Science Press, 2003, 141-147. In Chinese.
- (17) Yang Shengxiong, He Gaowen, Guan Yonxian, Li Liqing. *The accurate processing of the Seabeam bathymetric data and geomorphology atlas of China pioneer area in east Pacific*, in 2001 Conference for ocean mineral resources by COMRA, China Ocean Press, Beijing, 2001, pp. 201–209. In Chinese.
- (18) Yang Shengxiong, Zhang Guangxue, Chen Bangyan , *Energy Prospect of Deep Water in the Continental Slope of the South China Sea and Key-Tech of Exploration*, World Petroleum Congress (WPC) Asia Regional Meeting, 2001, Shanghai.
- (19) Yang Shengxiong et al., *Development Aspect and Countermeasure of the Three-dimensional Exploration Technology for Marine Mineral Resources and Environments*, China Geology, 2001, 10-15. In Chinese with English abstract.
- (20) Yang Shengxiong, Zhang Guangxue, Zhang Ming, *The Key-Technology of the Gas Hydrates Exploration on the Deep Sea Water*, in 99 workshop in the development of marine high-tech, China ocean press, Beijing, 2001, pp. 507-512. in Chinese with English abstract.
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