United Nations/China/APSCO Workshop on Space Law Institute of Space Law
17-19 Nov 2014, Beijing China

The Role of Capacity-building in Space Law Development at National Level

----from the perspective of China

ZHANG Zhenjun
China Institute of Space Law

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I. The Early History of China's Space Law Studies

II. The Development of China's Space Law Academia

III. China's Capacity-building at National Level

IV. China's Capacity-building at International Level

V. Future Perspectives

I. The Early History of China's Space Law Studies

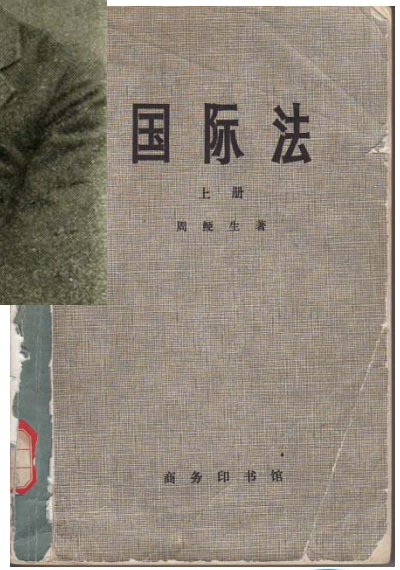
Prof. ZHOU Gengsheng (1889-1971)

- ***International Law (1964)*:**

  "the first valuable writing of this kind published in New China"

  ----AJIL

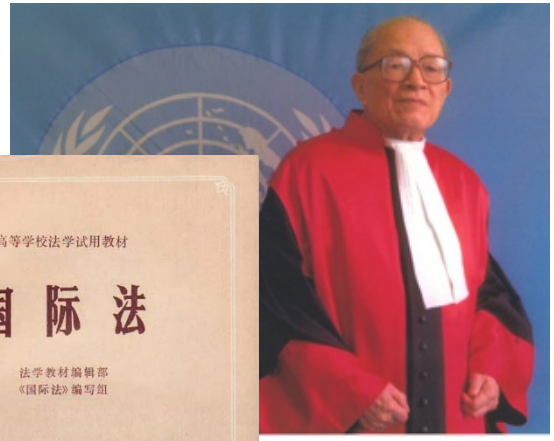
- **One section on selected issues of space law:** the legal status of outer space, the delimitation between air space and outer space, and liability for damages on the Earth

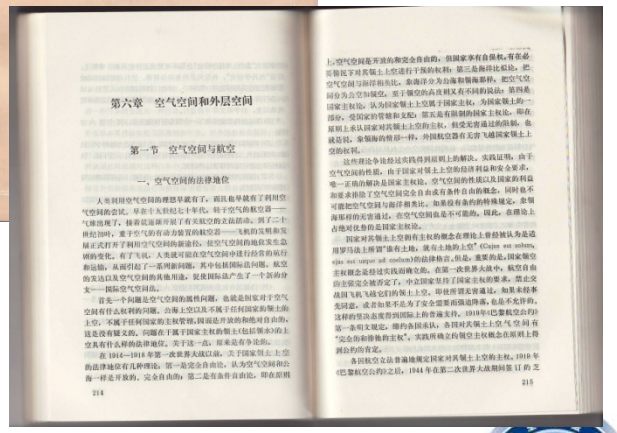


I. The Early History of China's Space Law Studies

Prof. WANG Tieya (1913-2003)

- **Chief Editor:** ***International Law*** **(1981)**
- **Chapter of "Airspace and Outer Space":** legal status of outer space, international treaties of outer space, satellite remote sensing, satellite broadcasting and use of nuclear power sources in outer space





中 国 空 间 法 学 会
CHINA INSTITUTE OF SPACE LAW
CISL

I. The Early History of China's Space Law Studies

Prof. Dr. HE Qizhi（1920-2005）

- Legal counsel of MFA of China
- Head of Chinese Delegation to UNCOPUOS
- Member of the ILC
- China's first IISL Board member
- Winner of Various International Awards
  - IISL Distinguished Achievement Award
  - IAA Social Science Award
  - the IAF Distinguished Service Award

I. The Early History of China's Space Law Studies

Prof. Dr. HE Qizhi （1920-2005）

- 22 Chinese articles on space law in the *Chinese Yearbook of International Law*
- English articles published in:

  Journal of Space Law, *Space Policy*, *Air and Space Law*, *Annuals of Air and Space Law*, *German Journal of Air and Space Law*, and *Proceedings of the IISL*
- Monograph & Authorized Textbook: *Outer Space Law* (Law Press, 1992)

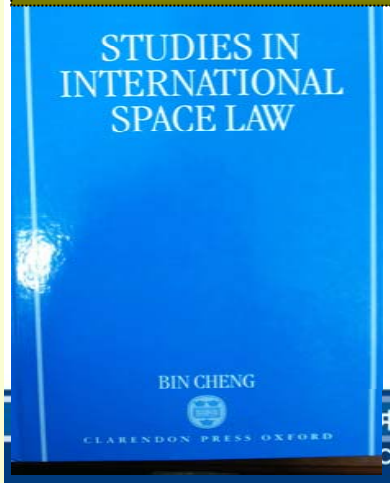
中国空间法学会
CHINA INSTITUTE OF SPACE LAW

I. The Early History of China's Space Law Studies

Prof. Dr. Bin CHENG

- Professor Emeritus of Air and Space Law, UCL
- The most influential world-class jurist on space law of Chinese descent
- *Studies in International Space Law* (1997)
- Over 200 articles on international law, air law, space law published ……

Master of Masters



Acclaimed by Prof. Maureen Williams

中国空间法学会
CHINA INSTITUTE OF SPACE LAW

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II. The Development of China's Space Law Academia

China Institute of Space Law

- National Association inaugurated in 1992
- Running on an independent basis
- Under the auspices of 中国航天科技集团公司 China Aerospace Science and Technology Corporation
- With strong support from 国家航天局 China National Space Administration

The Functions of China Institute of Space Law

To promote space law studies and international communications

To contribute to China's space legislation and policy formulation

To improve institutional and public awareness of space law

II. The Development of China's Space Law Community

China Institute of Space Law

- Over 200 individual members representing more than 50 institutions
- Current President: Prof. YUAN Jie, VP of CASC
- A bridge linking academia with government agencies and R&D sector

II. The Development of China's Space Law Community

Research Institutes on Space Law at University Level

Beihang University
(since 2000)

Harbin Institute of Technology
(since 2005)

Beijing Institute of Technology
(since 2006)

China University of Political Science and Law
(since 2007)

II. The Development of China's Space Law Community

Research Institutes at University Level

- To promote education and research of space law
- To advise government agencies and the industry

II. The Development of China's Space Law Community

Space Law Center

In May 2014, initiated by China Great Wall Industry Corp (CGWIC), a Space Law Center was officially established to advise government agencies as well as enterprises in the industry at both national and international level

As the first professional institute of its kind initiated by a company in China's space industry, this Space Law Center will provide unique support to China's space law capacity building

II. The Development of China's Space Law Community

Research Products -- Monographs

- Over 20 monographs
- Topics: Space Security, Liability, Intellectual Property Rights, etc.
- English monographs in overseas market

II. The Development of China's Space Law Community

Research Products -- Articles

- Newsletter of Space Law (CISL)
- Yearbook of Space Law Studies (CISL)
- Chinese Yearbook of Space Law (BIT)
- Space Law Review (HIT)
- Column of "Air and Space Law" on BIT and Beihang University Journals
- Columns of "Space Policy" & "Space Law" in Monthly Journal *Aerospace China*

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Strategic Goals of China's Space Law Academia

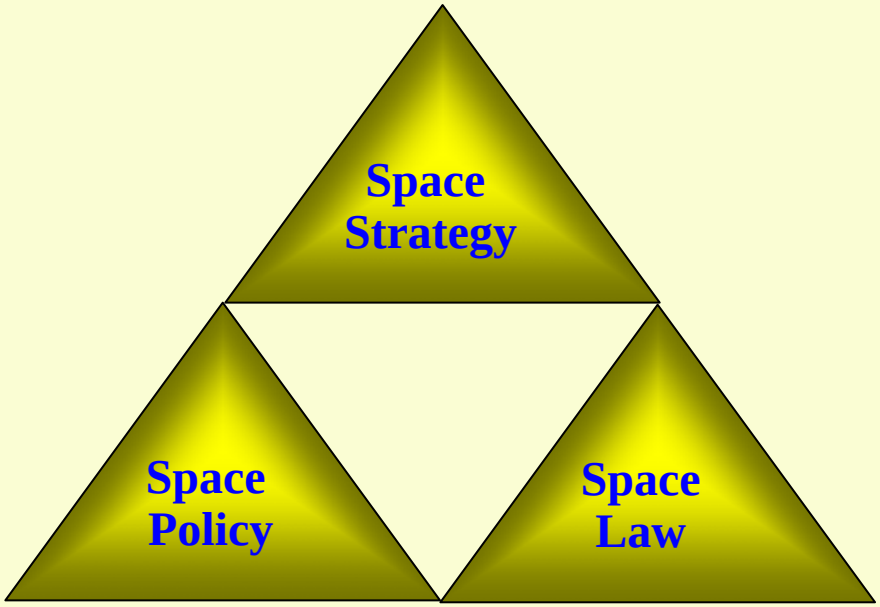
More outstanding contributions to national space legislation and space diplomacy, and the "rule of law" philosophy more popular

Capacity to unite and mobilize space law professionals is more effective, with stronger sense of community in the academia

Promoting space law studies through extensive events, with obviously enhanced platform building and academic proficiency

III. China's Capacity-building at National Level

- a "3-in-1" methodology in Space Law Studies



中 国 空 间 法 学 会
CHINA INSTITUTE OF SPACE LAW

36 CISL research projects sponsored

A competitive bidding process adopted to decide both problems and successful bidders

Providing background analysis and gap analysis followed by proposed solutions

Cross-discipline study groups with members from both industry and academia encouraged

All study reports are subject to a final review by the panel before being published

Study reports passing the peer review will be credited with three tiers of CISL prizes

荣誉证书

王国语同志主持的中国空间法学会2012年度学术研究课题“美国、加拿大空间立法研究”顺利通过课题结题评审，并荣获中国空间法学会2012年度学术课题研究项目一等奖。特发此证，以资鼓励。

二〇一三年十二月

III. China's Capacity-building at National Level

Practices Enhancing Community Building

- Annual Listing of Top 10 News Events in Space Law Academia
- Annual Listing of Recommended Articles in Space Law
- Annual Listing of Recommended Monographs in Space Law
- Quarterly Listing of Latest Developments in China's Space Law Academia
- Annual Publishing of Chronicle of Major Events in China's Space Law Academia
- Issuing Annual Awards for best authors of research projects and papers

III. China's Capacity-building at National Level

China's Space Law Academia and National Space Legislation

- Promoting China's national space legislation and the rule of law resolutely and continuously
- A nationwide fact-finding campaign organized by China's top legislature on national space legislation in 2012
- Studies on Space Legislation entered the new Five-year Program on national legislation in 2013
- Actively involved in national space legislation process

中国航天报

飞天 科普周刊

十八届四中全会 法治航天的新引擎

美研导弹防御浮空器

III. China's Capacity-building at National Level

Annual Academic Event

- Annual colloquium Nationwide
- In association with Chinese Society of Astronautics
- Promoting cross-discipline communications

III. China's Capacity-building at National Level

Education Programs at Universities

- **Space Law as a chapter of *International Law***
  - *International Law* as Compulsory Course
  - more than 600 law schools
  - approximately 40,000 students each year
- ***Space Law* as an independent course**
  - BUAA, BIT, HIT, CUPL, and Shenzhen University
  - compulsory or selective
  - 400 undergraduate and graduate students each year

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IV. China‘s Capacity-building at International Level

Institutional collaborations

- CISL as an institutional member of IISL since 2000
- International Cooperation initiated by research institutes
- Beihang Regional Centre for Space Science and Technology Education in East Asia and Pacific

IV. China‘s Capacity-building at International Level

International Conferences

- **UN/China/APSCO Workshop on Space Law, 2014, Beijing**
- Asia-Pacific Regional Moot Court Competition, 2014, Beijing
- 64th IAC, 2013, Beijing
- APSCO Space Law & Policy Forum, 2012&2013, Beijing

IV. China‘s Capacity-building at International Level

International Conferences

- 47th IAC, 1996, Beijing
- CISL-IISL Space Law Conference 2004
- **IISL-CISL Seminar on National Space Legislation 2014**
- US-China Student Space Law Symposium, since 2010
- China-Russia Forum on Space Legislation, 2002, Beijing

IV. China‘s Capacity-building at International Level

Supporting Space Diplomacy

CISL Secretary-General ZHANG Zhenjun and BIT Asst Prof. WANG Guoyu have been actively engaged in the Working Group on LTS in COPUOUS

In 2013 and 2014, BIT Asst Prof Wang Guoyu and XJU Asst Prof Su Jinyuan made technical report to UN COPUOUS sessions on China’s space law education and research respectively

Increased International Presence

Prof ZHAO Haifeng of HIT

- IISL Board director since 2009
- 2009-2011: Drafting PAC Optional Rules for Arbitration of Disputes Relating to Space Activities after being appointed as member of the Advisory Group

Prof LI Juqian of CUPL

- Director of Space Security Council under the World Economic Forum since 2011
- lectured many times at the invitation of UNIDIR

IV. China's Capacity-building at International Level

International Exchanges

- Chinese scholars participating in international conferences
- International scholars giving lectures to Chinese students

IV. China‘s Capacity-building at International Level

Most Recent Outbound Visiting Scholars

- Asst Prof SU Jinyuan, McGill Univ., Canada, 2014
- Asst Prof WANG Guoyu, Chatham House, UK, 2014
- Prof LI Shouping, the George Washington Univ., USA, 2013
- Asst Prof YANG Caixia, McGill Univ., Canada, 2013
- Asst Prof LI Bin (Beihang), New Castle Univ., Australia, 2012
- Prof LI Bin (HIT), Nantes Institute for Advanced Studies, France, 2012
- Asst Prof WANG Guoyu, the Univ. of Mississippi, USA, 2011
- Prof LI Shouping, the Univ. of Mississippi, USA, 2010
- Asst Prof SU Jinyuan, Cambridge Univ., UK, 2009-2010
- Prof LI Juqian, Seoul National Univ., Korea, 2004-2005
- Prof LING Yan, Leiden Univ., the Netherlands, 1990

IV. China‘s Capacity-building at International Level

Most Recent Inbound Visiting Scholars

- Prof Tanja Masson-Zwaan, Leiden University, 2011/2014
- Prof Henry Hertzfeld, the George Washington Univ, 2013/2014
- Prof Setsuko Aoki, Keio University, Japan, 2013/2014
- Prof Joanne Gabrynowicz, University of Mississippi, 2014
- Prof K R Sridhara Murthi, Int’l Institute of Space Law, 2014
- Prof Kim Doo Hwan, Korea Institute of Air & Space Law, 2013/2014
- Prof Frans von der Dunk, Univ. of Nebraska-Lincoln, 2013
- Prof Scott Pace, the George Washington Univ., 2013
- Prof Stephan Hobe, Univ. of Cologne, Germany, 2013
- Prof Paul Stephen Dempsey, McGill Univ., Canada, 2013
- Prof Armel Kerrest, University of Brest, France, 2013
- Prof Sergio Marchisio, European Center for Space Law ,2012

Chinese Scholars with Int'l Educational Background

- Prof YIN Yuhai, PhD of Space Law, Moscow Univ., Russia
- Prof ZHAO Haifeng, Univ. of Paris 1 Pantheon-Sorbonne, France
- Prof ZHANG Zhenjun, the George Washington Univ., USA
- Prof LI Bin (BNU), Univ. of Paris 1 Pantheon-Sorbonne, France
- Prof ZHAO Yun, Erasmus Univ. Rotterdam & Leiden Univ. , the Netherlands
- Asst Prof Dr. YANG Caixia, Univ. of Pantheon-Assas (Paris 2) , France
- Lecturer Dr. WU Xiaodan, the Univ. of Milan, Italy
- Lecturer LI Du, Univ. of Paris XI-sud, France
- Lecturer NIE Jingjing, Leiden Univ., the Netherlands
- Asst Prof Dr. Fabio Tronchetti, Leiden Univ., the Netherlands

IV. China‘s Capacity-building at International Level

Chinese Students Studying Space Law Abroad

- Mr. NIE Mingyan, Univ. of Cologne, Germany
- Mr. KONG Dejian, Leiden University, the Netherlands
- Ms. LU Zhuoyan, University of Laplan, Finland
- Ms. WANG Bo, Université Paris Sud, France
- Ms. YU Huan, University of Lueneburg, Germany

IV. China‘s Capacity-building at International Level

Manfred Lachs Moot Court Competition

- **National Funding Rounds Since 2003**
- An increasing number of participating teams and universities
- A leading brand name in moot court event in China
- Funding Champion Team to participate in AP Competition
- Award ceremony followed by a capacity-building seminar
- Possibility of commercialization for sponsorship in the future

IV. China‘s Capacity-building at International Level

Manfred Lachs Moot Court Competition

Regional and Global

- **1996 & 2013:** the world finals held in Beijing
- **2013:** runner-up prize and the best oralist award in the Asia-Pacific Finals
- **2014:** Asia-Pacific Regional Rounds held in Beijing, with a record number of 26 participating teams

V. Future Perspectives

– Gap between status quo and objectives

– Future Capacity-building Initiatives

– Proposal for enhanced International collaboration