## **IGU-Commission on Geoheritage**



January,2019---December,2019 Commission on Geoheritage Dongying Wei, Chair

# Work Report of Commission on Geoheritage (January, 2019--- December, 2019)

Commission on Geoheritage (COG) of the International Geographical Union (IGU) is to promote the development of Geoparks from the Geographical perspectives. The objectives of the COG include:

- communicating the role of Geoparks as tools of education, recreation and nature conservation;
- further developing the concept of sustainability as applied to Geoparks;
- communicating the importance of understanding a broad range of processes that affect the sustainable development of Geoparks, including the natural environment, political, and socio-economic processes;
- communicating the results of the research by members of the Commission to various academic, industry and policy arenas in order to influence policy in an effective and appropriate manner.

Read more

In the last five years, IGU-CoG focused on the development of comparative studies on geoheritage, tourism and corresponding social, economic, environmental and political change and concentrated on the communication and transfer of research results in policy relevant terms to policy makers and industry as well as continuing the scientific publishing programme of the Commission. The Commission seeks to continue its activities as outlined in relation to its existing objectives.

This work report will introduce the COG work in 2019 from the aspects of MEMBERSHIP, MEETINGS, NETWORK, PUBLICATION respectively.

# **MEMBERSHIP**

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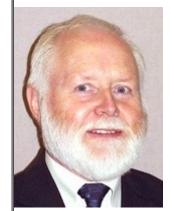


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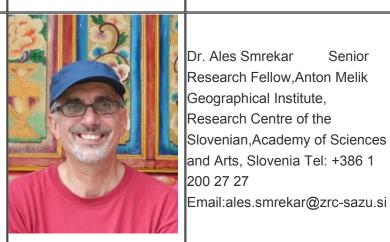
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# **MEETINGS**

The Commission was active in and organized some major conferences in 2019

(1) XII International Geographical Union, India (IGU-India) Conference on Climate

#### Change, Natural Disasters and Sustainable Development

XII International Geographical Union, India (IGU- India) Conference on Climate Change, Natural Disasters and Sustainable Development was organized in Government Post Graduate College, Sector-1, Panchkula in Haryana, India during February 22-24, 2019 with the collaboration IGU Commission on Geoharitage. More than 300 abstracts were received for this conference from national and international participants. The conference had around 19 foreign participants from the country of Japan, USA, South Africa, Taiwan, Myanmar, Bangladesh, Russian Federation and Hong Kong (China). The Russian Geographical Society actively participated in the conference. Several participants from different parts of the country presented their research findings. IGU President Professor Yukio Himiyama, IGU Secretary-General and Treasurer, Professor R. B. Singh, IGU Commission on Geoheritage, executive member Dr. Subhash Anand, IGU Commisson on Biogeography and Biodiversity Secretary, Dr. Pankaj Kumar participated all three days. One Special Technical Session was devoted to Geopark and Geoheritage was conducted and about nine papers received for presentation in this session. This conference was fully successful.

# (2) International Symposium on National Park and Natural Heritage Protection

## Conference

In order to promote the development of the national park and natural heritage domestically, the International Symposium on National Park and Natural Heritage Protection was held in Beijing on October 19 and 20, 2019. The symposium aimed to (1) carry out in-depth research on national park and natural heritage protection; (2) disseminate and share the knowledge and experience of national park and natural

heritage protection; (3) collect best practice cases; (4) promote the further improvement and implementation of protection policies; (5) build a platform for cooperation and comminication between government, enterprises and research institutes in the field of national park and natural heritage protection.

The International Symposium on National Park and Natural Heritage Protection gathered global researchers in the fields of national park administration, institutional pilot and creation unit, geoheritage and many other friends. Participants shared the experience of protection and sustainable development of geoheritage and national parks, discussed strategies for protecting national park and natural heritage in new era, and provided a conservation platform for international and domestic researchers to communicate and build opportunities to cooperate with each other.

# Agenda of International Symposium on National Park and Natural Heritage Protection

Opening ceremony			
Moderator: Xiwu Zhang			
		9:00 a.m. October 19th 2019	
Check in Loca	ation: Conference Roo	om 19, Conference Building, Beijing Conve	ention Center
9:00-9:20	20 Leader's Oration Huasheng Zhu		
	Vice minister of Beijing Normal University Faculty of Geographical Science		
	Zhihua Zhou		
	Deputy Director-General of Nature Reserve Department, National Forestry and		
	Grassland Administration		
9:20-9:40	20-9:40 Group Photo & Tea Breaks		
Part One: Keynote Lectures			
Moderator: Xun Yan			
October 19 <sup>th</sup> 2019			
9:40-10:10	Lecture-1	Fanglin Tang	National Parks for the Future
		Deputy Director of National Park	
		Office, National Forestry and Grassland	

		Administration	
10:10-10:40	Lecture-2	Kyung Silk Woo	Key Geoheritage Area: A Potential
		Professor, Kangwon National	New IUCN Programme in 2024
		University, Republic of Korea	
10:40-11:10	Lecture-3	Jiaqi Liu	Protecting Natural Heritage is the
		Academician of Chinese Academy of	Fundamental Way to Realize
		Sciences, Research Fellow, Institute of	Ecological Civilization
		Geology and Geophysics, Chinese	
		Academy of Sciences	
11: 10-	Lecture-4	Zhihua Zhou	Strengthening World Natural
11:40		Deputy Director-General of Nature	Heritage Protection, Promoting
		Reserve Department, National Forestry	Sustainable Development
		and Grassland Administration	
11:40-12:10	Lecture-5	Chunquan Zhu	Goal-oriented National Park and
		IUCN Representative in China	Other Types of Nature Protected
			Areas
	1	T 1	

# Lunch October 19<sup>th</sup> 2019

Lunch location: Dining Hall of No.6 Building, Beijing Conference Center 11:30-13:00

Presentations				
Moderator: Hongfei Zou				
		October 19th 2019		
14:00-	Presentation -1	John Murry Gray	Geodiversity, Geoheritage and	
14:20		Honorary Professor in the School of	Geoconservation for Society	
		Geography, Queen Mary University of		
		London, UK		
14:20-	Presentation -2	Hongfei Zou	Investigation and Management of	
14:40		Dean, School of Wildlife and Nature	Community Economy and Public	
		Reserve Conservation, Northeast	Cognition in Heilongjiang Area of	
		Forestry University	Northeast Tiger Leopard National	
			Park	
14:40-	Presentation-3	Thomas Joseph Casadevall	Advancing Geoheritage in the United	
15:00		Leader of the US Geoheritage and	States	
		Geoparks Advisory Group		
15:00-	Presentation -4	Dexin Tian	Promoting International Cooperation	
15:20		Director of the Beijing Office of the	in Natural Protected Area	
		International Union of Nature protected	Conservation with the Theme of the	
		areas (IAPA).	Community of common Destiny for	
			All Mankind	
15:20-	Presentation -5	John Ewart Gordon	Protected Area Management	
15:40		Honorary Professor in the School of	Planning: Geoconservation Principles	
		Geography and Sustainable	and Objectives	

		Development at the University of St	
		Andrews, Scotland.	
15:40-	Tea break		1
16:00			
		Presentations	
		Moderator: <b>Jun Gao</b> October 19th 2019	
16:00-	Presentation -6	Margaret Brocx	The Walpole-Nornalup Inlets System,
16:20		Adjunct Associate Professor in	Western Australia:
		Environmental and Conservation	A Case Study of a Potential Estuarine
		Sciences, Murdoch University	Geopark
16:20-	Presentation -7	Xun Yan	Shaping China's National Park with
16:40		Inspector, Nature Reserve Department,	National Will: A Deep Understanding
		National Forestry and Grassland	of Constructing the Natural Protected
		Administration	Area with National Park as the Main
			Body
16:40-	Presentation -8	Daniel Richard Tormey	IUCN Volcano Thematic Study: A
17:00		President of Catalyst Environmental	Taxonomic Approach to Volcanic
		Solutions	Area Classification.
17:00-	Presentation -9	Jun Gao	Strategic Direction of the Third Pole
17:20		Dean of School of Geography,	National Park Group on the Qinghai-
		Shanghai Normal University	Tibet Plateau
17:20-	Presentation -10	Semeniuk Vic	The Holocene Becher Point Cuspate
17:40		Director of a Research & Development	Foreland, Western Australia:
		Firm, the V & C Semeniuk Research	An Internationally Significant and
		Group.	Globally Unique Potential Geopark
17:40-	Presentation -11	Baodang Liu	National Park and World Natural
18:00		Deputy Secretary-General of the World	Heritage Protection: Four Key
		Heritage Committee of the National	Considerate Aspects for
		Forestry and Grassland	Compatibility and Development
		Admoinistration	
		Presentations	
		Moderator: Wen Zuomin	
		October 20 <sup>th</sup> 2019	
Check in Loc	cation: Beijing Conver	ntion Center	
8:30-8:50	Presentation-1	Xiwu Zhang	A Deep Reform in the Field of Nature
		Vice Executive Dean of National Park	Conservation: Reflections on
		Research Institute, Beijing Normal	Reconstructing China's New Nature
		University	Reserve System
8:50-9:10	Presentation -2	Zuomin Wen	National Parks and Community
		Professor in Nanjing Forestry	Development
		University	

9:10-9:30	Presentation -3	Jusheng Li	Research on the Interest Coordination
		Researcher, Chinese Academy of	Mechanism of Multi-party
		Environmental Sciences	Participation in National Parks
9:30-9:50	Presentation -4	Limin Feng	The Age of Real-time Monitoring of
		Deputy Director and Associate Professor	Biodiversity: Natural Resources
		of NFGA Amur tiger and Amur Leopard	Monitoring System of Amur tiger and
		Monitoring and Research Center and	Amur Leopard National Park
		Northeast Tiger and Leopard Biodiversity	
		National Observation and Research	
		Station	
9:50-10:10	Presentation -5	Chengzhao Wu	Establishing the Management
		Professor, Tongji University, Shanghai	Planning System Suitable for the
			National Parks System
10:10-10:30	Tea break		
	1	Presentations	
		Moderator: Yan Xie	
		October 20th 2019	
10:30-	Presentation -6	Zhongmei Lv	Basic Conception of the Natural
10:50		Deputy Director of Social and Legal	Protected Areas Act
		Committee of Chinese People's	
		Political Consultation, Professor of	
		Tsinghua University	
10:50-11:10	Presentation -7	Yan Xie	Achievements and Challenges of
		Associate research professor in the	Natural Protected Area Legislation
		Institute of Zoology, Chinese Academy	
		of Sciences; International Coordinator,	
		N% Plan; Chief Scientist of	
		International Alliance of Protected	
		Areas (IAPA)	
11:10-11:30	Presentation -8	Leshan Jin	Ecological Compensation Mechanism
		Executive Director, China Center for	of Natural Protected Area
		Ecological Compensation Policy	
		Research	
		Professor, School of Humanities, China	
		Agricultural University	
11:30-11:50	Presentation -9	Tong Jin	Legislation Mechanism of Social
		Director of China Project Science	participation of Natural Protected
		Department, Association of Panda	Area
	D	Conservation	
11:50-12:10	Presentation -10	Tianbao Qin	Reflections on the Model of "One
		Vice-Dean of Law School, Wuhan	Park One Law" of the National Park
		University	Legislation

# Lunch October 20<sup>th</sup> 2019

Lunch loca	tion: Dining Hall of N	To.6 Building, Beijing Conference Center 11	:30-13:00
		Presentations	
		Moderator: <b>Wei Dongying</b> October 20 <sup>th</sup> 2019	
14:00-	Presentation -1	Xiaoping Tang	Conception of National Park
14:20		Deputy Director of National Park	Planning System
		Office, National Forestry and	
		Grassland Administration	
14:20-	Presentation -2	Dehai Zhang	The Pilot Construction of the Three-
14:40		Chief Engineer, Three-River-Source	River-Source National Park
		National Park	
14:40-	Presentation -3	Changlin Wang	Practice and Exploration of
15:00		Executive Deputy Director of	Qianjiangyuan National Park Pilot
		Qianjiangyuan National Park	Project
		Administration	
15:00-	Presentation -4	Jinsong Feng	Yuntai Mountain's Exploration of
15:20		Chairman of Yuntaishan Tourism Co.,	National Park Protection and
		Ltd.	Development
15:20-	Presentation -5	Huiguang Zhang	Exploring the Protection and
15:40		Director of Scientific Research &	Management of the National Park of
		Monitoring Center, Wuyishan National	the World-Mixed Heritage Type
		Park	
15:40-	Tea break		
16:00			
16:00-	Presentation -1	Bihu Wu	The Supply and Management of
16:20		Director of Tourism Research and	Recreational Opportunities in Natural
		Planning Center, Peking University	Protected Area
16:20-	Presentation -2	Dong Ying Wei	Constructing the Interpretaion &
16:40		Associate Professor, Faculty of	Education Standards of National Park
		Geographic Science, Beijing Normal	and Interpreter Certification:
		University	International Lesson and Road of
			China
16:40-	Presentation -3	Zhenji Li	Developing Nature Education by
17:00		Professor, College of Life Sciences,	Applying the Biodiversity of National
		Xiamen University	Park and Natural Protected Area
17:00-	Presentation -4	Yeqing Yang	The Exploration and Practice of the
17:20		Director of Ecological Exhibition	Ecological Education in Three-River-
		Center, Three-River-Source National	Source National Park
		Park Administration	
17:20-	Presentation -5	Minyan Zhao	"Five –in- One" Promotes to
17:40		Associate Professor, Institute of	Constructing the Environmental

		Geographic Science and Resources,	Interpretation System of National
		Chinese Academy of Sciences	Park
17:40-	Closing Session		
18:00			

# **NETWORKING**

The president of the IGU-COG, Dr.Wei, has built a bond cooperating relationship with Sanjiangyuan National Park and published the *Interpretive Handbook of the Sanjiangyuan National Park*.

IGU-COG cooperated with UNESCO, IUCN etc. international organizations about geoheritage programs. Eight experts from IUCN WCPA Geoheritage Specialist Group was invited to participate the International Symposium on National Park and Natural Heritage and give presentations. During the symposium, the chair of the IGU-COG, Dr.Wei, had several table meetings with the experts, and discussed how IGU-COG would cooperate with IUCN WCPA Geoheritage Specialist Group to promote the sustainable development of geoheritage. IGU-COG also builded good relationship with some national government, like China Ministry of Land and Resources and Ministry of Housing and Rural and Urban Development, China Ministry of Environment Protection etc. to promote the education and protection of the geoparks. IGU-COG also cooperated with many local governments to promote the development of geoparks, like Xiuwu county in Henan Province, Shangrao City in Jiangxi Province, Taining county in Fujian province etc.

IGU-COG continue working with Commission on Biogeography and Biodiversity,

Geography Education and Land Use and Coverage Commission. IGU-CoG invited the

members ofBiogeography and Biodiversit to attend XII International Geographical Union, India (IGU- India) Conference on Climate Change, Natural Disasters and Sustainable Developmen. IGU-CoG alo worked with Commission on Geography Education and tried find out the improved methods to integrate geography education in geoheritage sites.

# **PUBLICATION**

The publication of the *INTERNATIONAL JOURNAL OF GEOHERITAG AND*PARKS was going as planned in 2019.

The first issue of International Journal of Geoheritage was published in June,2013. In 2018, Beijing Normal University signed the agreement with Keai Publishing House and the journal has been be published by Keai since January 2019. And currently it publishes 4 issues and 20 research articles every year. In 2019, the journal achieved the publishing goals with 4 issues and 20 articles. For more articles, please visit the journal website:

http://www.keaipublishing.com/en/journals/international-journal-of-geoheritage-and-parks/



The International Journal of Geoheritage is a, referred, multidisciplinary, international journal concerned with the management, policies, education, tourism, interpretation, economics, protection and sustainable development of global geoheritage. Here, geoheritage includes geoparks, national parks, protected areas, World Heritage sites, and other globally significant sites recognized for their geologic and geographical value. Covering methods and practice of geoheritage studies, the journal explores the ways of conservation and sustainable development of geoheritage. The journal seeks to promote divergent and pluralistic visions, ideas and opinions about geoheritage.

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**WORK PLAN FOR 2020** 

Commission (2016–2020) will continue to focus on the development of comparative

studies on geoheritage, tourism and corresponding social, economic, environmental

and political change and will concentrate on the communication and transfer of

research results in policy relevant terms to policy makers and industry as well as

continuing the scientific publishing programme of the Commission. The Commission therefore seeks to continue its activities for 2020 as outlined in relation to its existing objectives. The planned activities are as the following:

- To organize regular commission member meeting;
- To participate IGU conferences;
- To host an international conference related to geoheritage;
- To continue network with national and international organizations and authorities;
- To promote *the International Journal of Geoheritage and Parks* to publish 4 issues, 20 articles.

All executive members are encouraged to participate in IGU congress in 2020.

Dongying Wei

Chair, 2012-2016 Commission on Geoheritage

February 10<sup>th</sup>, 2020