



“同一个目标——生态保障人类命运共同体”
2022 NESS 国际科学大会

纪念册

Commemorative Album

“One Target — An Eco-Security System for All”
NESS International Science Congress 2022

 **Sincere Acknowledgement to** 

Prof. Subhan Qureshi

Support the *"One Target – An Eco-Security for All: Haikou Initiative"*

Made important contribution to jointly building *"An Eco-Security System for All"*!

2022 NESS International Science Congress
and Workshop on An Eco-Security System for All

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One Target — An Eco-Security System for All: Haikou Initiative

The National Eco-Security System (NESS) International Science Network, Haikou Forestry Bureau, and Hainan Normal University, together with the other 22 co-organizers (listed below), sponsored the first NESS International Science Congress and Workshop on An Eco-Security System for All in Haikou, Hainan Province, China, between 18th and 19th November, 2022. More than 180 experts and scholars from 112 institutions in 25 countries attended the onsite-online hybrid meetings and reached the following consensus on the keynote of jointly building “an Eco-Security System for All ”:

Several global reports (references listed below) warn that the current global ecological crisis has severely threatened the long-term survival of human beings. The opposition, conflict, and social division caused by various factors make it difficult for human beings to gather strength and unite to deal with the deteriorating ecological disaster. Humanity has once again found themselves standing at a crucial crossroads. At the 2017 annual meeting of the World Economic Forum in Davos, Chinese President Xi Jinping proposed to the international community a Chinese plan: “Building a Community with a Shared Future for Mankind (CSFM) to achieve win-win sharing”. The concept of building a CSFM has been written into many resolutions of the UN and is recognized and endorsed by more and more countries.

The goal of Building a CSFM includes many aspects and fields such as economy, ecological environment, science, and technology, public health, food security etc., “an Eco-Security System for All ” – that is the Ecological Security (Eco-Security) conditions necessary for survival of human beings (*Homo sapiens*, from individuals to groups, from children to adults), and **National Eco-Security Systems (NESS)** that each country builds at the national level in order to maintain Eco-Security for its own people - are the guarantee bottom-line and an important cornerstone of CSFM. The international community and countries worldwide urgently need to carry out systematic and in-depth scientific research and collaborative actions on this common “bottom line system” as soon as possible.

Based on the above consensus, this Congress proposes to the international scientific community and scientists from all over the world the following initiative call:

I. It calls on scientists, universities, scientific research institutes and other institution in various countries to pay close attention to the Eco-Security bottom-line necessary for the long-term survival of the children of ourselves and our own countries, and people of our own countries, have the courage to take our responsibility, and actively support and participate in relevant scientific research and collaborative actions in their countries.

II. It calls on the international scientific community, universities, research institutions, and international organizations to pay attention to the Eco-Security targets needed for the sustainable survival of all children and mankind around the world, form consensus and actively support and participate in relevant scientific research collaborations and joint actions around the theme of establishing “an Eco-Security System for All ”

NESS International Science Congress 2022

2022.11.19

Note: The Initiative will be open to experts from all countries to join for support.

If you wish to support the Initiative, please send your information of “Nationality, Name, Position and Organization, Email Address” to xieyan@baohudi.org.

Appendix:

I. Glossaries:

Eco-Security refers to the most basic material ecological support conditions necessary for the survival of individuals and populations of human.

Eco-Security System refers to the natural ecosystem and social support coordination system that can guarantee the "Eco-Security" needed for human survival.

National Eco-Security System (NESS) refers to a non-traditional (future) social security system at the "national level" and can provide "Eco-Security" for the long-term survival of its own people. It includes two major aspects: physical natural ecological production system (Ecological System components, quantity, quality, composition relationship, space proportion, etc.), and social supply coordination system (Security System), which is the national management system and social cooperation mechanism established to maintain this key natural ecosystem, such as policy, legislation, economy, finance, multiple social participation and coordination mechanism, etc.

An Eco-Security System for All refers to the ecological support conditions and basic support system necessary for the Community with a Shared Future for Mankind (CSFM). It is a key component and an important cornerstone of CSFM.

II. Background Framework of Haikou Initiative

Concerning that the global ecological crisis poses serious threats to human survival and development

Realizing that humankind must unite to address the global crisis

Endorsing that *Eco-Security* is the important foundation for building "A Community with a Shared Future for Mankind"

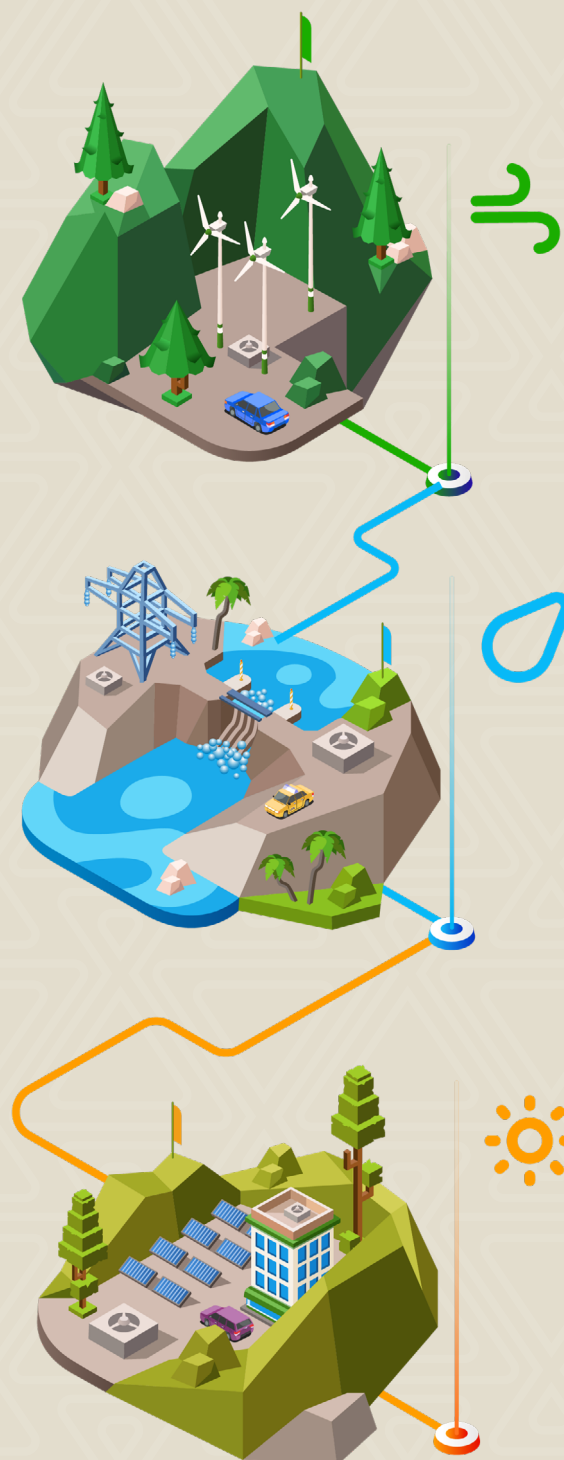
Believing that securing the basic ecological conditions for long-term survival and development of their own people (mankind) would inspire and unite broad social forces

Recommending reaching broad consensus on "One Target — An Eco-Security System for All"

Recognizing the large knowledge gap and various conditions and needs among countries

Calling on the scientific community to build a *National Eco-Security System (NESS)* for all in their own country; and to build "An Eco-Security System for All" around the world

Committing to actively participate and promote communication



III. Congress Scientific Board

- i. **Dexin Tian**, Founder, Chief Scientist and Secretary General of NESS International Science Network
- ii. **Sung Wang**, Researcher, Institute of Zoology, Chinese Academy of Sciences
- iii. **Fengchun Wang**, Ex First-level Inspector, Law Office of the Environment Protection and Resources Conservation Committee, National People's Congress
- iv. **Xiwu Zhang**, Vice President of China Wildlife Conservation Association (CWCA), Director, National Parks and Protected Natural Areas Committee (CWCA); Chief Supervisor, China Zoological Society
- v. **Jinfeng Zhou**, Secretary General, China Biodiversity Conservation and Green Development Foundation (CBCGDF)
- vi. **Leshan Jin**, Executive Professor, China Ecological Compensation Research Center; Professor, China Agricultural University
- vii. **Rui Yang**, President and Professor, National Park Research Institute, Tsinghua University
- viii. **Ke Zhou**, Professor, Law School of Renmin University of China; Vice President, Environmental and Resource Law Research Association of China Law Society
- ix. **Youhai Sun**, Member, National Ecological Environment Expert Committee; Vice President, Environmental and Resource Law Research Association of China Law Society; President, Law School of Tianjin University
- x. **Tianbao Qin**, Director and Researcher, Institute of Environmental Law, Wuhan University; Vice President and Secretary General, Environmental and Resource Law Research Association, China Law Society
- xi. **Haitao Shi**, Vice President and Professor, Hainan Normal University
- xii. **Jiakuan Chen**, Distinguished Professor, Fudan University; Senior Consultant and Researcher, Fudan Institute of Development; Consultant of Key Laboratory of Biodiversity and Ecological Engineering, Ministry of Education
- xiii. **Yan Xie**, Associate Researcher of Institute of Zoology, Chinese Academy of Sciences; International Liaison Officer, NESS International Science Network; Steering Committee Member and Vice Chair for China, Species Survival Commission (SSC/IUCN); Chair, China Species Specialist Group of SSC (CSSG/SSC)

IV. List of Co-organizers

Haikou Foreign Affairs Office; Haikou Commerce Bureau; Haikou Ecology and Environment Bureau; China Biodiversity Conservation and Green Development Foundation; Institute of Zoology, Chinese Academy of Sciences; Collaborative Innovation Center of Ecological Civilization, Hainan University; Center for Ecological Civilization and Law, Hainan University; Committee on National Parks and Protected Areas, China Wildlife Conservation Association; Institute of Environmental Law, Wuhan University; Shennongjia National Park Administration; Hubei University of Economics; National Park and Protected Area Research Center, Tongji University; National Park Research Institute, Beijing Normal University; School of Architecture and Urban Planning, Beijing University of Civil Engineering and Architecture; Faculty of Law, Department of Humanities and Social Science, Beijing University of Technology; China Species Specialist Group, SSC/IUCN; Jiangsu Zoological Society; Qidaizhi Sustainable Development Think Tank; Chongqing Jinfoshan National Nature Reserve Administration; Jiangxi Wuyuan Forest Bird National Nature Reserve Administration; Haikou Duotan Wetlands Research Institute; Yiqu Nature Conservation Center



湖北经济学院
HUBEI UNIVERSITY OF ECONOMICS



V. References

01. (2019) Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES): Global Assessment Report on Biodiversity and Ecosystem Services (2019)

IPBES (2019): Summary for policymakers of the global assessment report on biodiversity and ecosystem services of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services. S. Díaz, J. Settele, E. S. Brondízio, H. T. Ngo, M. Guèze, J. Agard, A. Arneth, P. Balvanera, K. A. Brauman, S. H. M. Butchart, K. M. A. Chan, L. A. Garibaldi, K. Ichii, J. Liu, S. M. Subramanian, G. F. Midgley, P. Miloslavich, Z. Molnár, D. Obura, A. Pfaff, S. Polasky, A. Purvis, J. Razzaque, B. Reyers, R. Roy Chowdhury, Y. J. Shin, I. J. Visseren-Hamakers, K. J. Willis, and C. N. Zayas (eds.). IPBES secretariat, Bonn, Germany. 56 pages. <https://doi.org/10.5281/zenodo.3553579>

02. The Intergovernmental Panel on Climate Change (IPCC): Climate Change 2022: Impacts, Adaptation and Vulnerability

IPCC, 2022: Summary for Policymakers [H.-O. Pörtner, D.C. Roberts, E.S. Poloczanska, K. Mintenbeck, M. Tignor, A. Alegría, M. Craig, S. Langsdorf, S. Lösschke, V. Möller, A. Okem (eds.)]. In: **Climate Change 2022: Impacts, Adaptation and Vulnerability**. Contribution of Working Group II to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change [H.-O. Pörtner, D.C. Roberts, M. Tignor, E.S. Poloczanska, K. Mintenbeck, A. Alegría, M. Craig, S. Langsdorf, S. Lösschke, V. Möller, A. Okem, B. Rama (eds.)]. Cambridge University Press, Cambridge, UK and New York, NY, USA, pp. 3–33, doi:10.1017/9781009325844.001. available at <https://www.ipcc.ch/report/ar6/wg2/>

03. World Economic Forum: The Global Risks Report 2022

World Economic Forum. The Global Risks Report 2022 17th Edition. available at <http://wef.ch/risks22>.

04. International Resource Panel (IRP): The Global Resource Outlook 2019

IRP (2019). **Global Resources Outlook 2019: Natural Resources for the Future We Want**. Oberle, B., Bringezu, S., Hatfield-Dodds, S., Hellweg, S., Schandl, H., Clement, J., and Cabernard, L., Che, N., Chen, D., Droz-Georget, H., Ekins, P., Fischer-Kowalski, M., Flörke, M., Frank, S., Froemelt, A., Geschke, A., Haupt, M., Havlik, P., Hüfner, R., Lenzen, M., Lieber, M., Liu, B., Lu, Y., Lutter, S., Mehr, J., Miatto, A., Newth, D., Oberschelp, C., Obersteiner, M., Pfister, S., Piccoli, E., Schaldach, R., Schüngel, J., Sonderegger, T., Sudheshwar, A., Tanikawa, H., van der Voet, E., Walker, C., West, J., Wang, Z., Zhu, B. A Report of the International Resource Panel. United Nations Environment Programme. Nairobi, Kenya.

05. UN Environment (UNEP): The Sixth Global Environment Outlook 2019

UN Environment (2019). Global Environment Outlook – GEO-6: Healthy Planet, Healthy People. Nairobi. DOI 10.1017/9781108627146.

06. World Wide Fund for Nature (WWF): Living Planet Report 2022

WWF, 2022. Living Planet Report 2022, WWF, Gland. Available at:

<https://www.wwf.org.uk/our-reports/living-planet-report-2022>

List of Experts Jointly Launching the Initiative

202 experts from 159 organizations in 26 countries launched the Haikou Initiative (The ranking is not in particular order).

I. Congress Scientific Board

001. Dexin Tian	Founder, Chief Scientist and Secretary General of NESS International Science Network
002. Sung Wang	Researcher, Institute of Zoology, Chinese Academy of Sciences
003. Fengchun Wang	Ex First-level Inspector, Law Office of the Environment Protection and Resources Conservation Committee, National People's Congress
004. Xiwu Zhang	Vice President of China Wildlife Conservation Association (CWCA), Director, National Parks and Protected Natural Areas Committee (CWCA); Chief Supervisor, China Zoological Society
005. Jingfeng Zhou	Secretary General, China Biodiversity Conservation and Green Development Foundation
006. Leshan Jin	Executive Professor, China Ecological Compensation Research Center; Professor, China Agricultural University
007. Yang Rui	President and Professor, National Park Research Institute, Tsinghua University
008. Ke Zhou	Professor, Law School of Renmin University of China; Vice President, Environmental and Resource Law Research Association of China Law Society
009. Youhai Sun	Member, National Ecological Environment Expert Commission; Vice President, Environmental and Resource Law Research Association, China Law Society; President, Law School of Tianjin University
010. Tianbao Qin	Director and Researcher, Institute of Environmental Law, Wuhan University; Vice President and Secretary General, Environmental and Resource Law Research Association, China Law Society
011. Haitao Shi	Vice President and Professor, Hainan Normal University
012. Jiakuan Chen	Distinguished Professor, Fudan University; Senior Consultant and Researcher, Fudan Institute of Development; Consultant of Key Laboratory of Biodiversity and Ecological Engineering, Ministry of Education
013. Yan Xie	Associate Researcher of Institute of Zoology, Chinese Academy of Sciences; International Liaison Officer, NESS International Science Network; Steering Committee Member and Vice Chair for China, Species Survival Commission (SSC/IUCN); Chair, China Species Specialist Group of SSC (CSSG/SSC)

II. Participants outside of China

Nationality	Name	Unit Name
014. Costa Rica	Julio C. Calvo-Alvarado	Member National Academy of Sciences, Costa Rica; Researcher and Ex-president Costa Rican Institute of Technology
015. Cuba	Alain Tarancón Roca	Especialista Cuarentena y Control del Comercio Internacional/ Punto Focal OMSA para la Fauna Silvestre, Centro Nacional de Sanidad Animal
016. Cuba	Abdiel Caraballos Johnson	Director, National Protected Area System Coordination Group, National Center of Protected Areas
017. Cuba	Mariela Gutiérrez Núñez	Especialista Superior, Centro Nacional de Áreas Protegidas
018. Germany	Qi Lai	PhD Candidate, University of Bayreuth
019. India	Paramesha M	Assistant Professor, Department of Botany, St. Joseph's University, Bangalore, India.
020. Indonesia	Dian Oktaviani	Conservation Biologist, Research Center for Ecology and Ethnobiology, Research Organization for Life Science and Environment, National Research and Innovation Agency
021. Italy	Piero Schneider Graziosi	Member of the Technical and Scientific Committee, Italian Park Committee
022. Kenya	James Gichiah Njogu	Deputy Secretary General, Kenya National Commission for UNESCO and Kenya Wildlife Service
023. Kenya	James Sindiyo	Chief Administrator, the Maasai Mara National Reserve
024. Kenya	Nancy Ogonje	Ag. Executive Director, East African Wild Life Society
025. Kenya	Qiang Zhuo	Member, IUCN WCPA; Founder/Chairman, Mara Conservation Fund, Kenya

Nationality	Name	Unit Name
026. Kenya	Simon Nkoitoi	Chief Administrator, Okenje Reserve
027. Laos	PHAPHOUAMPHENG Phothisak	Head of the Inspection Foerst Section, Provincial Office for Forest Inspection, Department of Agriculture and Forestry Luangnamtha Province, Lao PDR
028. Madagascar	Sylvie Andriambololonera	Commission Member - IUCN SSC Red List Authority Coordinators 2017-2020, Missouri Botanical Garden Madagascar Program Director
029. Mexico	Eric Isai Ameca Y Juarez	Division of Biological Sciences, University of Veracruz, Mexico
030. Mongolia	Gansukh Sukhchuluun	Professor, Institute of Biology, Mongolian Academy of Sciences
031. Nepal	Ashok Subedi	Senior Officer, Annapurna Conservation Area Project (Managed by National Trust for Nature Conservation, NTNC)
032. Nepal	Er. Arjun B. NEUPANE	Senior Officer, Gov. of Nepal, Pokhara Metropolitan City Office
033. Nepal	Mim Hamal	Co-founder, Great Himalaya Trail Nepal Alliance
034. Nepal	Rajan Subedi	Assistant Professor, Tribhuvan University, Institute of Forestry, Nepal
035. New Zealand	Xiaochi Li	Geologist
036. Pakistan	Muhammad Shahid Iqbal	Post-Doctor, College of Life Sciences, Hainan Normal University
037. Pakistan	Ijaz Khan	Post-Doctor, College of Life Sciences, Hainan Normal University
038. Papua New Guinean	Marai Paul	Forest Research Officer, PNG Forest Authority
039. Philippines	Daniel F. Somera	Mt. Kitanglad Range Natural Park
040. Philippines	Mildred B. Balunsat	Forester II/OIC Chief, Enforcement and Monitoring Section, Department of Environment and Natural Resources
041. Romania	Catalina Bogdan	Director, Maramureş Mountains Nature Park
042. Romania	Petrică Tudor Moțiu	Senior Lecturer, Faculty of Environmental Protection, University of Oradea
043. Russia	Tatiana Iashina	Katunskiy Biosphere Reserve Administration
044. Somalia	Hassan Mowlid	Executive Director of Somali Greenpeace Association
045. South Africa	Marisa Coetzee	Kruger National Park (SANParks)
046. South Africa	Mthombeni Ntshuxeko Happen	School of Bio Medicine, Medical University of South Africa
047. Sweden	Staffan Widstrand	Managing Director, Wild Wonder International
048. Switzerland	BORZEE Arael	Professor, Nanjing Normal University
049. Thailand	Manop Kaewfooz	Forestry Technical Officer, Professional Level, Doi Chiang Doa Watershed Research Station and Pong Krai Watershed Management Unit, Protected Area Regional Office 16 (Chiang Mai), Division of Watershed Management, Department of National Parks, Wildlife and Plant Conservation, Thailand
050. Thailand	Nirawat Thammajak	Director of the Science and Technology Development Division (O-Sciences), Thailand Science Research and Innovation (TSRI)
051. Thailand	Wimonmart Nuipakdee	Superintendent of Khun Khan National Park and the manager of Mae Sa - Kog Ma Biosphere Reserve, Department of National Parks, Wildlife and Plant Conservation
052. United Kingdom	Alice Hughes	Deputy Secretary General, China Biodiversity Conservation and Green Development Foundation; Associate Professor, School of Biological Sciences, University of Hong Kong; IUCN CEM YPN Leader
053. USA	William Bleisch	Project Director, China Exploration & Research Society (CERS), Hong Kong

III. Participants from China

i. Experts from research institutions

054. Fadong Li	Research Professor, Institute of Geographical Sciences and Resources, Chinese Academy of Sciences
055. Yahui Zhao	Associate Research Professor, Institute of zoology, Chinese Academy of Sciences
056. Baorong Huang	Associate Research Professor, Institutes of Sciences and Development, CAS
057. Shunping He	Research Professor, Institute of Hydrobiology, Chinese Academy of Sciences

058. Ji Luo	Research Professor, Environment and Ecology, Chengdu Institute of Mountains, Chinese Academy of Sciences
059. Bo Cai	Engineer, Chengdu Institute of biology, Chinese Academy of Sciences
060. Weijia Cao	Assistant Researcher, Institute of Remote Sensing and Digital Earth, Chinese Academy of Sciences
061. Yang Su	Research Professor, Development Research Center of the State Council
062. Junsheng Li	Director, Institute of Ecology, Chinese Academy of Environmental Sciences
063. Qiaohong Su	Assistant Research Professor Professor, Management World Magazine, Development Research Center of the State Council
064. Jun Lu	Research Professor, Institute of Forest Ecological Environment and Protection, Chinese Academy of Forestry Sciences
065. Lijuan Cui	Vice President, Chinese Academy of Forestry Sciences; Vice President, Chinese Association of Popular Science Writers
066. Shang Chen	The First Institute of Oceanography, Ministry of Natural Resources
067. Zhenghua Liu	Research Professor, The Third Institute of Oceanography, Ministry of Natural Resources
068. Enyuan Fan	Research Professor, Chinese Academy of Fishery Sciences
069. Wugong Deng	Director, Landscape Institute, Chinese Academy of Urban Planning and Design
070. Tongsheng Zhang	Professor, Chinese Institute of Urban Construction / Shenzhen University
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072. Zewei Yue	Institute of Geographical Sciences and Resources, Chinese Academy of Sciences
073. Wei Wang	Associate Research Professor and Director, Research Office of Nature Reserve, Chinese Academy of Environmental Sciences
074. Sikan Chen	Research Professor, Guizhou Forestry Investigation and Planning Institute
075. Xunfeng Wu	Research Professor, Yunnan Forestry Investigation and Planning Institute

ii. Experts from universities

076. Wenhui Ye	Professor, Peking University
077. Gu Gong	Professor, Peking University Law School
078. Boping Tan	Professor, Beijing University of Technology
079. Zhenwei Zhang	Vice President and Associate Professor, School of Architecture and Urban Planning, Beijing Construction University
080. Zhaoxia Yang	Professor, Law School, Beijing Forestry University
081. Weidong Bao	Professor, Beijing Forestry University
082. Guihong Wei	Professor, School of Social Sciences, Beijing Forestry University
083. Guangchun Lei	Dean, Professor and Doctoral Supervisor, School of Nature Reserve, Beijing Forestry University
084. Zhengwang Zhang	Professor, Beijing Normal University
085. Youbo Zhuang	Vice President, National Park Research Institute, Tsinghua University
086. Xuehua Liu	Professor and Director, School of Environment, Tsinghua University
087. Zhicong Zhao	Doctor, Tsinghua University
088. Wenxuan Yu	Director, Institute of Environmental and Resource Law, China University of Political Science and Law
089. Yun Ma	Professor, China University of Political Science and Law
090. Xiandong Li	Professor, China University of Political Science and Law; Deputy Director, Institute of Civil Law, School of Civil and Commercial Economic Law
091. Zhongqiu Li	Academy of Life Sciences, Nanjing University

092. Da Pan	Lecture, College of Life Sciences, Nanjing Normal University
093. Hongying Sun	Professor, College of Life Sciences, Nanjing Normal University
094. Chengzhao Wu	Professor and Director, Protected Area and National Park Research Center, College of Architecture and Urban Planning, Tongji University
095. Zhenji Li	Professor, School of Environment and Ecology, Xiamen University
096. Binbin Li	Associate Professor, Duke University, Kunshan
097. Qiangbin Zhang	Professor, China University of Petroleum
098. Yi Deng	Professor, Hubei Institute of Economics; Director, China Finance Society
099. Mingxun Ren	Vice President and Professor, School of Ecology and Environment, Hainan University
100. Yanjun Du	Professor, Forestry College, Hainan University
101. Xiuwei Wang	Professor, School of Law, Hainan University
102. Dongmei Yang	Associate Professor, Hainan University
103. Kangshan Mao	Director, Life Science College, Sichuan University
104. Nari Su	Inner Mongolia Agricultural University
105. Mingxia Zhang	Assistant Professor, School of Life Sciences, Guangxi Normal University
106. Xialan Cheng	Associate Professor, Lingnan Normal University
107. Hongxia Qin	Professor, Nanjing Forest Police College
108. Qian Liu	Professor, Hebei University
109. Haojun Jiang	PhD student, Law School, Hunan University
110. Haixia Zhang	Professor, School of Tourism and Urban Rural Planning, Zhejiang Business University
111. Shuanglin Jiang	Professor, College of Humanity and Law, Zhejiang A&F University
112. Tao Ju	Assistant Researcher, Guangxi Academy of Sciences
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115. Chaoqing Yu	Professor, School of Ecology and Environment, Hainan University
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125. Na Li	Ph.D Candidate, College of Life Sciences, Hainan Normal University
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127. Yunjuan Xiao	Master student, College of Life Sciences, Hainan Normal University
128. Xiaoqi Ai	Master student, College of Life Sciences, Hainan Normal University
129. Shuqin Lin	Master student, College of Life Sciences, Hainan Normal University
130. Qiongzhen Chen	Master student, College of Life Sciences, Hainan Normal University
131. Qiongyu Zhang	Master student, College of Life Sciences, Hainan Normal University
132. Shijie Zhang	Lecturer, College of Life Sciences, Hainan Normal University
133. Fanrong Xiao	Lecturer, College of Life Sciences, Hainan Normal University
134. Jian Wang	Lecturer, College of Life Sciences, Hainan Normal University
135. Canchao Yang	Professor, College of Life Sciences, Hainan Normal University
136. Yan Cai	Lecturer, College of Life Sciences, Hainan Normal University
137. Kaixiong Xing	Lecturer, College of Life Sciences, Hainan Normal University

iii. Experts from management departments

138. Jun Qian	Director, Haikou Forestry Bureau, Hainan Province
139. Na Liu	Deputy District Chief, Meilan District, Haikou City, Hainan Province
140. Haihua Li	Mayor of Yanfeng Town, Meilan District, Haikou City, Hainan Province
141. Shubang Wu	Deputy Director, Haikou Wetland Conservation and Management Center, Hainan Province
142. Zhi Wu	Deputy Director, Foreign Affairs Office of Haikou City, Hainan Province
143. Bing Lin	Director, Haikou City Commerce Bureau, Hainan Province
144. Feifan Lin	Deputy Section Chief, Haikou City Ecology Bureau, Hainan Province
145. Yuan Zhang	Section Chief, Haikou Forestry Bureau, Hainan Province
146. Wei Chen	Section Member, Haikou Forestry Bureau, Hainan Province
147. Fuwei Peng	Deputy Director General and First Level Inspector, Social Development Department, National Development and Reform Commission
148. Zhidi Yu	Director, Foreign Cooperation Center, Ministry of Ecology and Environment
149. Peng Cui	Research Professor, Nanjing Institute of Environmental Science, Ministry of Ecology and Environment
150. Shuxin Li	Deputy Director, The Office of the State Forestry and Grassland Administration
151. Bing Li	Director, Grassland Resources Monitoring Center, State Forestry and Grassland Administration
152. Jianwei Chen	Inspector, Conservation Department, State Forestry and Grassland Administration
153. Youzhao Xia	Chairman, The Chinese People's Political Consultative Conference, Yanbian Prefecture, Jilin Province
154. Yi Wang	Shaanxi Forest Public Security Bureau
155. Jingcheng Ran	Head, Guizhou Wildlife and Forest Plant Management Station

iv. Experts from national parks and protected areas

156. Peng Zhou	Deputy Director, National Park Department, Hainan Forestry Bureau (Hainan Tropical Rainforest National Park Department)
157. Shangzhu Zhang	National Park Department, Hainan Forestry Bureau (Hainan Tropical Rainforest National Park Department)
158. Liming Zhang	Director, Scientific Research and Education Department of Sichuan Administration, Giant Panda National Park
159. Tingmei He	Deputy Director, Wolong Branch, Giant Panda National Park
160. Dehai Zhang	Chief Engineer, Sanjiangyuan National Park Administration
161. Changlin Wang	Director, Qianjiangyuan National Park (Pilot)
162. Yaoxiang Wu	Deputy Director, Emergency Bureau, Changbai Mountain Conservation and Development Zone Management Committee
163. Jingyuan Yang	Director, Scientific Research Institute, Shennongjia National Park
164. Wanji Yang	Deputy Director, Scientific Research Institute, Shennongjia National Park
165. Xia Wang	Senior Economic Engineer, Chongqing Jinfoshan National Nature Reserve Administration
166. Kun Yang	Director, Education Department, Inner Mongolia Hanma National Nature Reserve Administration
167. Hualin Xu	Guangdong Neilingding Futian National Nature Reserve Administration
168. Shicheng Lu	Former Researcher, Yancheng National Nature Reserve Administration
169. Siqing Sun	Deputy Director, Anhui Chinese Alligator National Nature Reserve Administration
170. Fang Xiao	Director, Liaoning Yiwulushan Nature Reserve Administration
171. Yang Jun	Director/Senior Engineer, Conservation Center, Xichang Qionghai National Wetland Park
172. Jun Yang	Jiangxi Wuyuan Forest Bird National Nature Reserve Administration

v. International and national civil societies

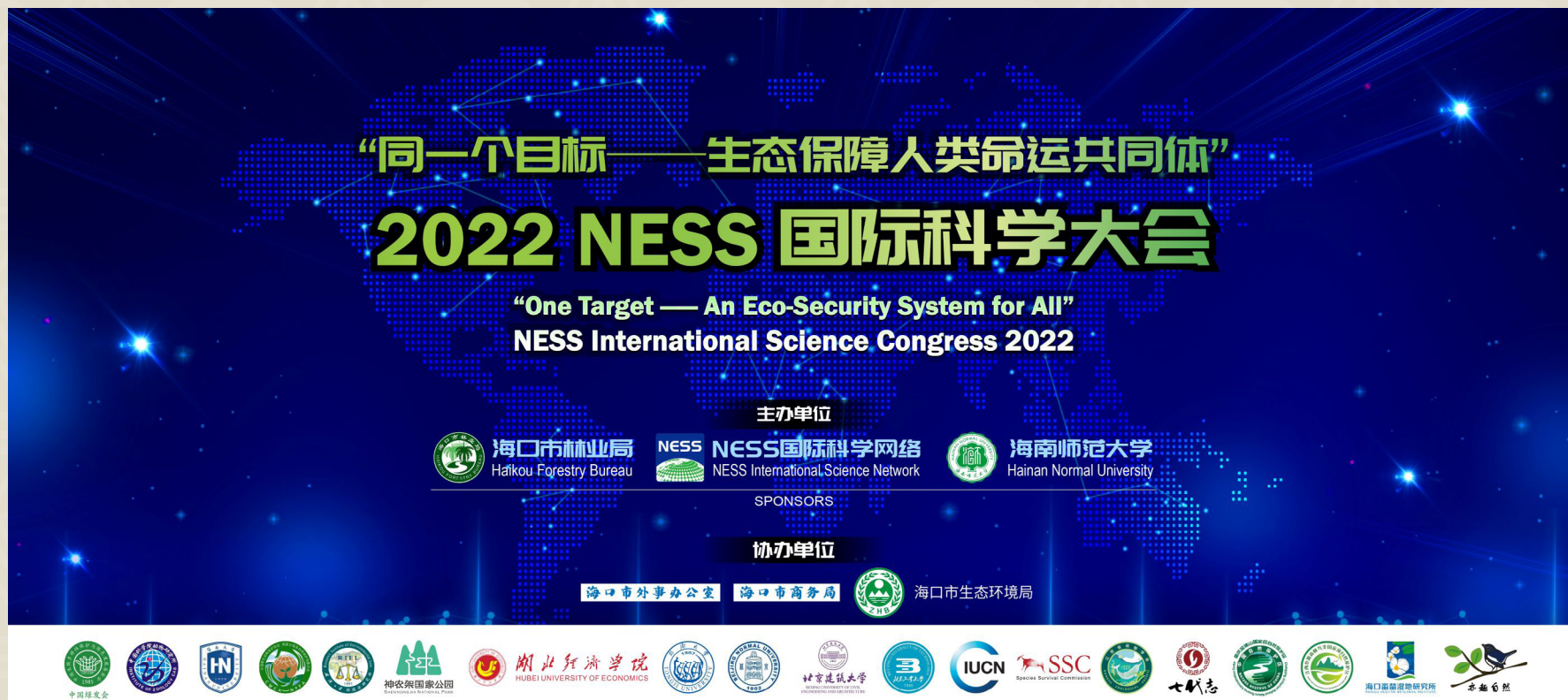
173. Yan Yan	Deputy Secretary General, National Parks and Protected Natural Areas Committee, CWCA; Deputy Director, National Park Planning and Research Center, National Forestry and Grassland Administration
174. Minyan Zhao	Program Commissioner & Associate Researcher, Secretariat, The Alliance of International Science Organizations (ANSO)
175. Chaode Ma	Assistant Resident Representative, The United Nations Development Programme
176. Yi Liu	China Project Officer, The United Nations Development Programme
177. Tianhua Hong	Executive Deputy Director and Secretary General, UNESCO International Centre for Natural and Cultural Heritage Space Technology
178. Wen Xianji	Officer, WWF Hong Kong
179. Jing Tong	Scientific Director, China Program, The Nature Conservation (TNC)
180. Rose Niu	Officer, Paulson Foundation
181. Bin Hu	Director, International Agricultural China Program, Winlock, USA
182. Jianzong Wu	Founder, CC Forum
183. Yu Fu	Secretary General, CC Forum
184. Yuanqing Hou	Project Director, Carbon Sequestration Foundation
185. Dezhi Wang	Vice President, Paradise International Foundation

186. Yihuan Chen	General Manager, China National Geographic Beijing Panoramic Geographic Book Co., Ltd
187. Jiaman Jin	Executive Director, Global Environment Institute (GEI)
188. Hao Zhang	Executive Director, China Fern Association
189. Xiangjun Chen	Associate Research Professor, Man and Biosphere Magazine
190. Bo Song	Vice President, Beijing Sansheng Institute of Environment and Development
191. Zongbo Lin	Hainan Zhongye Group Ltd.
192. Gang Lu	Director, Haikou Duotan Wetlands Institute
193. Zijie Zhang	Hainan Yijie Science & Technology Ltd.
194. Zhiqin Zhou	Haikou Duotan Wetland Insititute
195. Hua Wang	Deputy Secretary General, China Biodiversity Conservation and Green Development Foundation
196. Bei Tao	Deputy Director General, Qidaizhi Sustainable Development Think Tank
197. Xiaojun Li	Lawyer, Beijing Hanheng Law Firm
198. Yifan Li	President, Zigong City Bird Watching Association/Yiqu Nature Conservation Center
199. Jia Lu	President, Enlightenment Ruijing Energy and Environmental Science Research Institute
200. Jinze Shi	Shenzhen Yuanyezhi Education Technology Co., Ltd
201. Zhifang Liang	President, Lingshui Wild Animal and Plant Association
202. Meng Bingbo	Hainan EJ Technology Co., Ltd

List of Experts Supporting the Haikou Initiative

List in the order that the support is added

Nationality	Name	Unit Name
001. Bolivia	Marco A. Cabero	Founder Andean Road Countries for Science and Technology
002. Mongolia	Enkhmaa Enkhbat	Wildlife scientist, Mongolian Academy of Sciences
003. Mexico	Aquiles Argote Cortés	Professor and associate investigator, Laboratory of Ornithology in the Biological Research Center (Centro de Investigaciones Biológicas, in Spanish) of Morelos' State Autonomous University (Universidad Autónoma del Estado de Morelos)
004. Turkey	Çağrı ÜN	Foreign Relations Department Manager, Adana Metropolitan Municipality
005. Uzbekistan	Bakhtiyor Karimov	Department of Ecology and water resources management, Tashkent institute of irrigation and agricultural mechanization engineers" National research university ("TIAME" NRU)
006. Zambia	Nelson Muyaba	Natural Resources Planner, Ministry of Tourism, Department of National Parks and Wildlife
007. Peru	Yan Axel Ekken Arteaga Yance	Consultant, support, and member of Oxapampa - Asháninka - Yánesha Biosphere Reserve Supporter Group and Technical Secretariat; General manager, Monkun'ma Business Chain
008. Burkina Faso	Emmanuel Youmanli LOMPO	President, Sentinel of Nature Association
009. Ethiopian	Abraham Birara Desalegn	PhD fellow in Rodent ecology & taxonomy, Sokoine University of Agriculture, Morogoroo, Tanzania
010. Yemen	Wael Hadi	Research scholar in biotechnology, Currently in India to finish my PhD course.
011. Mongolia	Ankhubayar Lkhagvasuren	Mammalian Researcher, Institute of Biology, Mongolian Academy of Sciences
012. Pakistan	Subhan Qureshi	President, Dairy Science Park; Professor, Khyber Pakhtunkhwa Agricultural University
013. Eswatini	Simelane Phumlile	Research Coordinator, Savannah Research Center
014. Rwanda	BUGINGO Annanie	Ambassador, iso20400plus - Sustainable Procurement and Supply Chain
015. Democratic Republic of Congo	Dalley-Divin KAMBALE SAA-SITA	President, Congo Biotropical Institute (CBI)
016. Cameroon	Rene Kaam	Regional Director for Central Africa, International Bamboo and Rattan Organization (INBAR)
017. Ethiopia	Belete Bantero	Team Lead, Distributed Renewable Energy-Agriculture Modalities (DREAM), ACC Programs, Ethiopian Agricultural Transformation Agency
018. Zambia	Victor Kazembe Kawanga	Programmes Manager, Human Settlements of Zambia
019. India	Bhavna Choudhary	Research Officer, UNFCCC
020. Algeria, UAE	Abdelaziz Derardja	Environmental Consultant & Business Developer
021. Burundi	Emmanuel niyoyabikoze	Founder and CEO, Greening Burundi
022. Ugandan	Immaculate Chelangat	CEO, REEMIC multipurpose



The First NESS International Science Congress was Successfully Held, and “An Eco-Security System for All” Haikou Initiative was Issued

During November 18~19 2022, the first “NESS International Science Congress and Workshop on An Eco-Security System for All” was successfully held in Haikou, Hainan Province (+online). The Congress was sponsored by Haikou Forestry Bureau, NESS International Science Network and Hainan Normal University, and co-organized by 22 organizations. More than 180 experts and scholars from 25 countries and 112 institutions participated, and jointly call international scientific community and scientists from all countries over the world for support to the “One Target—An Eco-Security System For All” Haikou Initiative.

The opening ceremony of the Congress was chaired by Mr. Ke Zhou, Professor, Law School, Renmin University and Vice President, Society of Environmental and Resource Law, Chinese Law Society. Ms. Na Liu, Deputy Head, Meilan District,



Ke Zhou



Na Liu



Jun Qian



Jinfeng Zhou

Haikou City; Mr. Jun Qian, Director, Haikou Forestry Bureau; Dr. Jinfeng Zhou, Deputy President and Secretary-General, China Biodiversity Conservation and Green Development Foundation; Mr. Xiwu Zhang, Vice President, China Wildlife Conservation Association (CWCA) and Director, National Park and Nature Reserve Committee, CWCA and Professor Haitao Shi, Vice president of Hainan Normal University, delivered speeches at the opening ceremony.



Xiwu Zhang



Haitao Shi

Julio C. Calvo-Alvarado, Academician, National Academy of Sciences, Costa Rica; Piero Schneider Graziosi, Member, Technical and Scientific Committee, Italian Park Committee; Wimonmart Nuipakdee, Director, Kunkhan National Park, National Park Administration, Ministry of Wildlife and Plant Protection, Thailand; Dian Oktaviani, Conservation Biologist, National Research and Innovation Agency, Indonesia; Gansukh Sukhchuluun, Professor, Institute of Biology, Mongolian Academy of Sciences; Bogdan Catalina, Director, Mount Malamure Natural Park, Romania; Sylvie Andriambolonera, Project Leader, Cissari Botanical Garden, Madagascar, and many universities and institutions from China sent videos to congratulate the congress.



Julio C. Calvo-Alvarado



Piero Schneider Graziosi



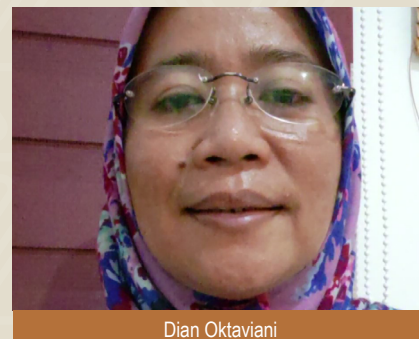
Gansukh Sukhchuluun



Bogdan Catalina



Wimonmart Nuipakdee



Dian Oktaviani



Sylvie Andriambolonera

Some participants outside of China sent congratulatory videos to NESS Congress (see above for guest information)

Dexin Tian, the Founder, Chief Scientist and Secretary-General of NESS International Science Network, delivered a special report on the congress theme: “One Target—An Eco-Security System For All”; Peng Zhou, Department Deputy Director, Hainan Tropical Rainforest National Park, Hainan Provincial Forestry Bureau, introduced the experience of Hainan Tropical Rainforest National Park; Tianbao Qin, Director, Institute of Environmental Law, Wuhan University, introduced the development process and significance of environmental human rights; and Shubang Wu, Deputy Director, Haikou Wetland Conservation Management Center, introduced the experience of Haikou International Wetland City. The Congress held several rounds of in-depth discussions and communication on the theme of “An Eco-Security System for All”.



Dexin Tian



Peng Zhou



Tianbao Qin



Shubang Wu

In the morning of the 19th, the participants further discussed the Initiative (Draft) in groups and reached consensus on supporting the Initiative. The participants also discussed the potential work and cooperation that could be carried out in the future on the theme of “An Eco-Security System for All” in combination with their relevant fields.



In the end, Professor Ke Zhou announced that the Congress reached a consensus, and **the congress formally proposes to the international scientific community and scientists from all countries the following initiative: “One Target—An Eco-Security System for All” Haikou Initiative:**

It calls on scientists, universities, scientific research institutes and other institution in various countries to pay close attention to the Eco-Security bottom-line necessary for the long-term survival of the children of ourselves and our own countries, and people of our own countries, have the courage to take our responsibility, and actively support and participate in relevant scientific research and collaborative actions in their countries.

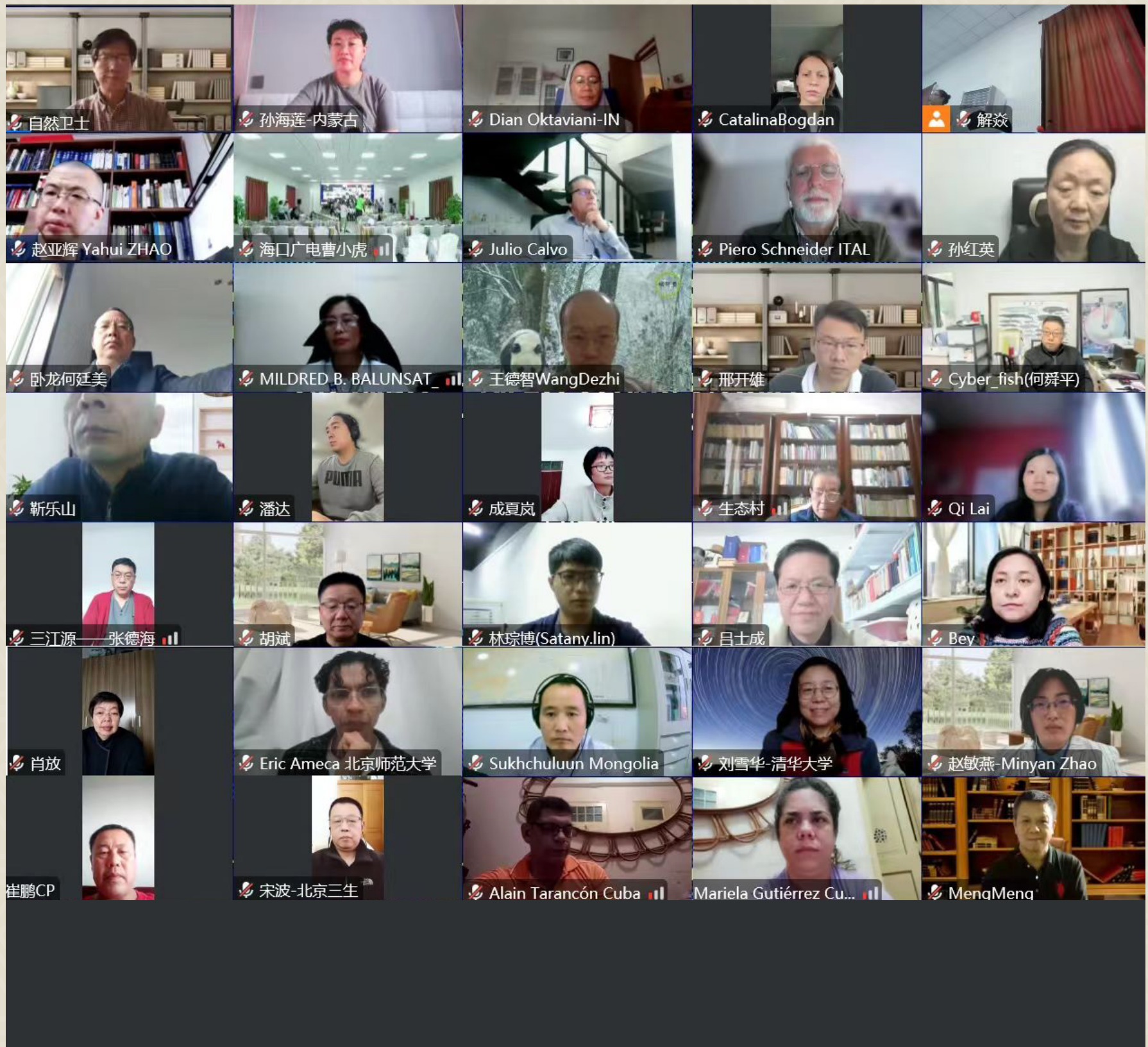
It calls on the international scientific community, universities, research institutions, and international organizations to pay attention to the Eco-Security targets needed for the sustainable survival of all children and mankind around the world, form consensus and actively support and participate in relevant scientific research collaborations and joint actions around the theme of establishing “an Eco-Security System for All”.

After the congress, the NESS International Science Network will **continue to call for support to the Initiative from countries around the world to promote more international scientific communication and cooperation.** Focusing on the theme of “an Eco-Security System for All”, we will build a long-term “NESS International Science Congress” communication platform to actively provide scientific support for the long-term survival and global sustainable development of people around the world.



“同一个目标——生态保障人类命运共同体”
2022 NESS 国际科学大会

“One Target — An Eco-Security System for All”
NESS International Science Congress 2022





Haikou Initiative will be open to experts from all countries to join for support.

Contact: xieyan@baohudi.org