

# 中国地理信息产业协会文件

中地信协〔2022〕15号

## 关于举办第三届中蒙 地理信息产业发展论坛的通知

协会各会员单位，地理信息产业各有关单位：

为促进中蒙地理信息产业交流与合作，推动卫星导航等测绘地理信息技术应用，定于2022年6月22日通过线上方式举办第三届中蒙地理信息产业发展论坛。现将相关事项通知如下：

### 一、组织机构

#### 1. 主办单位：

中国地理信息产业协会

蒙古国地理信息协会

中国卫星导航系统管理办公室学术交流中心

#### 2. 承办单位：

中国地理信息产业协会国际交流与合作工作委员会

中国地理信息产业协会高精地图服务工作委员会

“一带一路”北斗应用国际培训中心  
蒙古国公共研究室

3. 支持单位:

北京四维图新科技股份有限公司

二、论坛主题与内容

1. 论坛主题: 中蒙卫星导航定位技术应用与合作

2. 论坛内容: 本届论坛将对北斗卫星导航系统、实景三维中国、高精地图制图、高精度定位、智慧畜牧业、草原生态监测等话题开展研讨。

3. 论坛语言: 英语

三、论坛时间

2022年6月22日 14:00 - 17:00

四、参会方式

请扫描下方二维码报名, 获取参会号码, 通过 Zoom 线上平台参会。



联系人: 金磊 13581552563 (微信同号)

附件: 1. 论坛议程 (中文)

2. 论坛议程 (英文)

中国地理信息产业协会

2022年6月15日



## 附件 1

**论坛时间：**2022 年 6 月 22 日 14:00 - 17:00

**论坛地点：**Zoom 线上平台

**论坛语言：**英语

**主办单位：**

中国地理信息产业协会

蒙古国地理信息协会

中国卫星导航系统管理办公室学术交流中心

**承办单位：**

中国地理信息产业协会国际交流与合作工作委员会

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“一带一路”北斗应用国际培训中心

蒙古国公共研究室

**支持单位：**

北京四维图新科技股份有限公司

**论坛议程：**

### 1. 开幕致辞

中国地理信息产业协会会长李维森致辞

蒙古国地理信息协会主席 Dr. B. Bayartungalag 致辞

中国卫星导航系统管理办公室学术交流中心主任郝巍  
娜致辞

## 2. 合作备忘录签约仪式

中国地理信息产业协会与蒙古国地理信息协会签定合作备忘录

## 3. 报告研讨

(1) 报告题目：蒙古国地理信息产业发展介绍

报告人：Ochirkhuyag Lkhamjav

单位：蒙古国地理信息协会

(2) 报告题目：实景三维中国技术与应用

报告人：燕琴教授

单位：中国测绘科学研究院

(3) 报告题目：北斗卫星导航系统的发展

报告人：沈军博士

单位：北京合众思壮科技股份有限公司

(4) 报告题目：绿色一带一路与科技创新

报告人：王猛博士

单位：中国科学院

(5) 报告题目：高精地图制图技术现状

报告人：刘日恒

单位：北京四维图新科技股份有限公司

(6) 报告题目：蒙古国开源地图制图技术

报告人：Ms. L. Byambatsetseg

职位：蒙古国公共研究室

(7) 报告题目：中蒙农业合作与科技创新

报告人：李飞博士

单位： 德阳智慧农业研究院

(8) 报告题目： 蒙古遥感数据立方体及应用

报告人： Mr. M. Odbayar

单位： 蒙古国气象水文环境国立研究所

(9) 报告题目： 中蒙空天地一体化智慧畜牧业合作

报告人： 都瓦拉教授 & 姜昊博士

单位： 中国农业科学院 & 北京四维图新科技股份有限

公司

附件 2

## The 3rd China- Mongolia Geospatial Industry Forum

**Topic:** Geospatial Applications and Collaborations between  
China and Mongolia

**Date:** 22 June 2022 14:00 – 17:00PM(Beijing Time)

**Location:** Zoom

**Language:** English

**Hosts:**

China Association for Geospatial Industry and Sciences  
(CAGIS)

Mongolian Geo-Spatial Association (MGA)

Academic Exchange Center of China Satellite Navigation  
Office (CSNO-AEC)

**Organizers:**

International Exchange & Cooperation Committee of CAGIS

HD Map Service Committee of CAGIS

“Belt and Road” BeiDou Application International Training  
Center (BAITC)

Public Lab Mongolia, NGO

NavInfo Co., Ltd

**Schedule:**

1. Opening speeches

- Welcome remarks by Dr. Li Weisen, President of CAGIS
- Welcome remarks by Dr. B. Bayartungalag, President of MGA
- Welcome remarks by Ms. Hao Weina, Director of CSNO-AEC

2. MoU Signing

- Online MoU Signing Ceremony between CAGIS and MGA

### 3. Presentations

#### **(1)Title: Introduction of MGA**

Speaker: Mrs. Otgonjargal Terbish

Affiliation: CEO of MGA

Time: 15 min presentation + 5 min Q&A

#### **(2)Title: The Key Technology and Application of 3D Real Scene in China**

Speaker: Prof. Yan Qin

Affiliation: Director, Chinese Academy of Surveying and Mapping (CASM)

Time: 15 min presentation + 5 min Q&A

Abstract: As a real, three-dimensional, and temporal virtual digital space reflecting the production, living and ecological space of human beings, 3D Real Scene is an important new type of national infrastructure, providing a unified spatial basis for economic and social development and informatization of various departments. In August 2021, China's Ministry of Natural Resources published the Technical Outline of 3D Real Scene China. Since then, the construction of 3D Real Scene China has been promoted throughout the country. This presentation will share with you the overall design, basic concepts, key technologies, pilot activities and results as well as future work of 3D Real Scene China.

#### **(3)Title: Development of the BeiDou Navigation Satellite System (BDS)**

Speaker: Dr. Shen Jun

Time: 20 min presentation + 5 min Q&A

Affiliation: Beijing UniStrong Science & Technology Co., Ltd.

Abstract: An introduction of the BeiDou Navigation Satellite

System (BDS), its applications and the BDS international collaborations.

**(4)Title: Green Belt and Road for Scientific Innovations**

Speaker: Dr. Wang Meng

Affiliation: Chinese Academy of Sciences, World Young Scientist Summit

Time: 15 min presentation + 5 min Q&A

Abstract: Today, we are still facing the recovery During A Pandemic and the emerging market cities have undoubtedly felt the brunt of the COVID-19 crisis. Green belt and road will play a strong role to ensure the Belt and Road initiative brings long-term, planet-friendly growth. The technology, especially the earth science related technology should be adopted for the implement of sustainable development goals. At present, space technology including remote sensing can be widely used in agriculture, climate change, disaster warning, mineral resources exploration and other aspects. The United Nations has established several international excellence innovation centers to support the use of space technology in the SDGS, and the scientific and technological cooperation between research institutions, NGOs, governments and industry, especial from young generations will provide more lasting support for the green Belt and Road initiative.

**(5)Title: Introduction of NavInfo AD Map Production**

Speaker: Mr. Liu Riheng

Affiliation: Product Manager, NavInfo

Time: 15 min presentation + 5 min Q&A

Abstract: NavInfo is the market leader in navigation map, navigation software development, dynamic traffic information, location big data and customized connected vehicle services



to both passenger and commercial vehicles. Now, NavInfo is ushering in the new era of automotive industry with a comprehensive technology development strategy and laying the foundation to become one of the most trustworthy smart mobility solution providers in the China market and beyond. The presentation introduces Navinfo HD map products that support all-level autonomous driving and the data production automatic tool chain and pipeline of NavInfo HD maps.

**(6)Title: Open Source Mapping (OSM) Activities in Mongolia**

Speaker: Ms. L. Byambatsetseg

Affiliation: Public Lab Mongolia NGO

Time: 15 min presentation + 5 min Q&A

Abstract: We use the OpenStreetMap platform to implement our annual "Mapathon" program to promote the use, creation, and awareness of geospatial and open data in Mongolia. Through our program, more than 280 volunteer mappers contributed 4.5 million units of data and information to 70 projects we have created in approximately 35 locations across the country.

**(7)Title: China-Mongolian Smart Agricultural Collaborative Innovation**

Speaker: Dr. Li Fei

Affiliation: Deyang Institute of Smart Agriculture

Time: 15 min presentation + 5 min Q&A

Abstract: Since 2019, we have carried out research on the integration of key technologies for smart agriculture and demonstration of the China-Mongolia Collaborative Innovation Park with Mongolian agriculture-related institutes including the Mongolian University of Life Sciences. One

model, scheme and system for Mongolia has been designed in the aspects of integrated grassland and grain crop monitoring, wild livestock location information perception in alpine regions, and anti-low temperature Beidou monitoring equipment, etc., and realized the deep integration and innovation of smart agriculture. At the same time, it provides an overseas verification example for Chinese smart agriculture technology innovation.

**(8)Title: Mongolian Open Data Cube for Remote Sensing Application**

Speaker: Mr. M. Odbayar

Affiliation: Divisions of Remote Sensing, Institute of Research Information for Meteorology, Hydrology and Environment

Time: 15 min presentation + 5 min Q&A

Abstract: An efficient way of storing large volumes of Analysis Ready Data with easy spatial and temporal access. Originally pioneered by Digital Earth Australia in 2013, with the Australian Data Cube. Recent years have seen several Data Cubes deployed or in development, in places such as Switzerland, Columbia, Vietnam and Uganda. The Mongolian Data Cube is hosted on physical hardware, making it (as far as we know) unique amongst data cubes.

**(9)Title: Hybrid Satellite-Aerial-Terrestrial Monitoring for Animal Husbandry Lifecycle Management for China and Mongolia**

Speaker: Prof. Du Wala & Dr. Jiang Hao

Affiliation: Chinese Academy of Agriculture Sciences & NavInfo

Time: 15 min presentation + 5 min Q&A

Abstract: To meet the major demand for the modernization of

the animal husbandry industry in the Mongolian Plateau, and gather the scientific research achievements of the intelligent animal husbandry industry in China. Starting from disaster prevention and reduction of the prairie, based on the space-air-ground collaborative monitoring system, to dynamically perceive the environmental elements of the prairie resources and elements of livestock and poultry in the whole life cycle, and study and solve the key technical problems in the field of animal husbandry in China and Mongolia such as risk management of important natural disasters, the balance between grass and livestock, high-precision monitoring of animal husbandry, and intelligent perception and control application of health in the life cycle. To make the application demonstration by selecting grasslands in China and Mongolia and help with the intelligent development of the animal husbandry industry in the Mongolian Plateau.

公开方式：公开

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抄送：蒙古国地理信息协会、中国卫星导航系统管理办公室学术交流中心、中国地理信息产业协会国际交流与合作工作委员会、中国地理信息产业协会高精地图服务工作委员会、北京四维图新科技股份有限公司、蒙古国公共研究室

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中国地理信息产业协会

2022年6月16日印发

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