



# **Announcement of Opportunity Soliciting for China Remote Sensing Data Global Sharing**

## **Schedule**

LoI Due	January 1 <sup>st</sup> , 2024
Primary Selection of the Projects Due	February 1 <sup>st</sup> , 2024
Experts Review Due	March 1 <sup>st</sup> , 2024
Final Confirmation of the Projects Due	April 1 <sup>st</sup> , 2024
Signature of the Memorandum of Agreement	TBD

**The Earth Observation System and Data Center, CNSA**

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## 1. Background

In November 2023, during the Wenchang International Aviation & Aerospace Forum, the China National Space Administration (CNSA) officially launched the China Platform of Earth Observation System (hereinafter referred as "CPEOS"). To further promote China's achievements in Earth observation to countries around the world, CPEOS has established the international data node system. This system will provide normalized and standardized high-resolution remote sensing satellite data distribution services within the territory of the signing entities, assisting these entities in offering lightweight data sharing services to their own users.

## 2. Objectives of the AO

- To utilize the abundant resources of Chinese remote sensing satellite data to collaboratively promote the development of Earth observation with countries worldwide.
- To facilitate international cooperation with various countries in data sharing and data application by deploying international data nodes for remote sensing satellites.

## 3. Functionality of the International Data Node System

The International Data Node System is mainly composed of the Chinese end

and the international end. The international end needs to be deployed within partner entities, where it can receive level 1-2 remote sensing data products from the Chinese end. It enables rapid and effective management, as well as simple and efficient functions such as local data querying, downloading, and distribution.

#### 4. Data Introduction

- **Satellite Data:** The data primarily pushed by the International Data Node System consists of China's Gaofen satellite series data, also including Fengyun series, ZY series, and HY series satellite data. The specific list of data to be pushed will be determined based on the final agreement signed by both parties.
- **Data Levels:** The main data product provided is Level 1. Some of the data can undergo high-precision geometric normalization and radiometric normalization based on the specific characteristics of the international data node's deployment location as needed.

#### 5. Enrollment and Selection

After releasing of the AO, international proposers shall submit a Letter of Intent (LOI) concerning cooperation to its domestic space agency or related organizations and the Earth Observation System and Data Center (EOSDC) of

China National Space Administration, and the deadline for the submitting of the Letter of Intent (LoI) is **due on January 1<sup>st</sup> , 2024.**

By February 1<sup>st</sup>, 2024, primary selection will be carried out. EOSDC of CNSA will organize an internal review of the Letter of Intent (LoI) and communicate with the proposer to synchronize the status in time.

By March 1<sup>st</sup>, 2024, expert review of those proposals shall be completed.

By April 1<sup>st</sup>, 2024, CNSA will make the final confirmation on selection of proposals.

For each proposal, a joint team will be established to facilitate communication, and a Memorandum of Agreement (MOA) shall be signed at the proper time.

## Appendix: LOI Cooperation on International Data Node

1. Basic Information	
Name of International Data Node (IDN)	
Specific Location	
Country	
Organization	
Principal Investigator of IDN	
PI Contact Information	
Contact Point	
Contact Information	
Type of IDN Deployment (Priority will be given to the LOI which is able to support the IDN Deployment method in type A or B)	<input type="checkbox"/> A:Multi-Server Environment Locally <input type="checkbox"/> B:Single-Server Environment Locally <input type="checkbox"/> C:Cloud based deployment (self-provided) <input type="checkbox"/> D:Cloud based deployment (China provided)
2. Objectives, Mission and Benefit of International Data Node (IDN)	
3. Five Year Work Plan of IDN	
4. Requirement of Chinese Satellite Data Product	
5. Plan of Local User Promotion	
6. Please describe the local fundamental conditions provided (cyber-infrastructure, office room, experts team, financial item and etc. )	

Annotation:

China Platform of Earth Observation System (CPEOS): [www.cpeos.cn](http://www.cpeos.cn)

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