



United Nations  
Educational, Scientific and  
Cultural Organization



International Centre on Space Technologies for  
Natural and Cultural Heritage  
under the auspices of UNESCO

# HIST : A Platform to Serve the Conservation and Management of UNESCO Biosphere Reserves

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# HIST

**Full Name:** International Centre on Space Technologies for Natural and Cultural Heritage under the auspices of UNESCO.

**Date:** 24 July, 2011

**Place:** Beijing, China



**Ms. Gretchen Kalonji, Assistant Director-General of UNESCO for Natural Sciences gives an address**



**Ding Zhongli, CAS Academician and Vice-President of CAS, gives an address**



**CAS Academician Xu Guanhua, gives an address**



**Guo Huadong, Director General of CEODE and Director of HIST, addresses the audience**

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## Overall Objective

To strengthen the capacity of UNESCO member states to manage the sustainable development of their natural and cultural heritage, biosphere reserves and geoparks accommodating the impacts of climate change and natural disasters, through the use of earth observation technologies and through education.



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# Silk Roads







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# The 6<sup>th</sup> Training Course on Sustainable Management of Biosphere Reserves. Wudalianchi, 20-30 May, 2015



*Campus*



**HIST & Its Host Institution -- RADI**





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## HOST of HIST:

# Institute of Remote Sensing and Digital Earth of CAS

International satellites	Optical	USGS: <b>LANDSAT-5, LANDSAT-7</b>
		SPOT Image: <b>SPOT-1, SPOT-2, SPOT-4, SPOT-5</b>
		ISRO: <b>RESOURCESAT-1 (IRS-P6)</b>
		GISTDA: THEOS
SAR	ESA: <b>ERS-1, ERS-2, ENVISAT</b>	
	MDA: RADARSAT-1, RADARSAT-2	
National satellites	Optical	C.B. Resources: <b>CBERS-01, CBERS-02, CBERS-02B</b>
		E.M. & D.M.: HJ-1A, HJ-1B
		Resources: ZY-02C, ZY-3
	Test : SJ-9A, SJ-9B	
SAR	E.M. & D.M.: HJ-1C	

As one of the supporting facilities of RADI, **China Remote Sensing Satellite Ground Station**, which is a member of the Landsat Ground Station Operations Working Group, boasts one of the world's highest capacities for receiving, processing, and distributing satellite data.

With over **3.3 million scenes of satellite data filed since 1986**, it is regarded as the largest Earth observation satellite data archive in China.



密云站 Miyun Receiving Station



喀什站 Kashi Receiving Station



三亚站 Sanya Receiving Station





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## Potential Collaboration

- (1) Report on the State of Conservation of World Biosphere Reserves every two years.
- (2) Foster sister partnerships between the World Biosphere Reserves in China and the other biosphere reserves in Asia and Pacific.



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*Thank you !*

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