



International Centre for Bamboo and Rattan

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I. Brief Introduction to ICBR

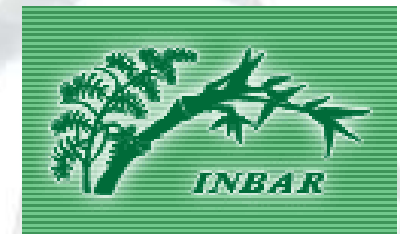


Mission

ICBR was established in July 2000 and is affiliated to the State Forestry Administration.

The mission of ICBR is to:

- provide services for International Network for Bamboo and Rattan (INBAR), the first intergovernmental international organization headquartered in China;



- support and assist INBAR to fulfill its mission;
- and promote the sustainable development of bamboo and rattan in the world.



Major tasks

- promote international scientific cooperation and exchange on bamboo and rattan;
- foster senior professionals in the related areas;
- establish a modern international bamboo and rattan scientific and technological information network
- carry out bamboo and rattan training, seminars and publicity,
- and provide services for INBAR.



Organization

There are 6 departments in ICBR, namely:

- ◆ General office
- ◆ Research and Education
- ◆ Planning and Finance
- ◆ International Cooperation
- ◆ Industry Promotion
- ◆ Training Centre



ICBR has also set up:

➤ Academy of Bioresource Utilization (ABU)



ABU established in Dec. 2009



Research Fields of ABU:

- Conservation and utilization of germplasm
- Cultivation and ecological utilization of bioresource
- Bio-engineering
- Bio-materials
- Chemical utilization of bioresource
- Bio-industry



➤ SFA Key Lab on Bamboo and Rattan Science & Technology

- consists of various laboratories of bio-material, life sciences, bio-chemistry, cultivation and ecology, information and industry policy, covering 10 research fields;
- covering a total of 7,000 m², equipped with more than 100 sets advanced instruments and facilities.





- Since 2006, the key lab has received 7 visiting scholar from Nepal, Ethiopia, Ghana etc.



➤ **National Bamboo and Rattan Engineering Technology Research Center**

国家竹藤工程技术研究中心

筹建办公室

国际竹藤网络中心

➤ **Bamboo and Rattan Product Quality Inspection and Testing Center**



➤ Two bases:

- Huangshan, Anhui and Sanya, Hainan
Germplasm Conservation & Research
Base

Huangshan Germplam Base →



Sanya Germplam Base



- International Training Center, UNCCD
- National Standardization Committee for Bamboo and Rattan

Launching ceremony of Int'l Training Center, UNCCD



Research

Personnel:

- ICBR has research personnel of 60 people, among whom there are 24 professors, 16 associate professors.



Projects:

- Since 2000, ICBR has undertaken more than 100 national-level scientific and basic research projects, research fund amounted to 1200 million RMB
- It also undertook some international cooperation projects funded by CFC, ITTO, EU and BMF.



Achievements:

- The project, Research and Demonstration on the Crucial Manufacturing Technology of Bamboo Engineering Materials, which is initiated by the Centre, has won the first grade of 2006 State Prize for Scientific and Technological Progress.





Main achievements



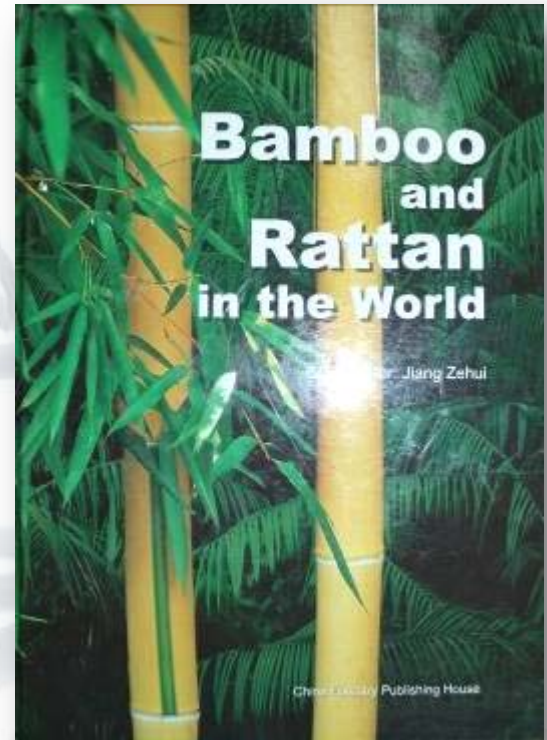
- Genome sequencing research on Moso bamboo has made great breakthrough.
- Research on bamboo and wood composite wind turbine blade has been promoted.



During last 5 years

- Influential findings has been made on national "11th Five-Year Plan" scientific projects;
- More than 350 papers and 10 monographs have been published;
- 6 patents has been approved





Major publications and patents



International Cooperation

- ICBR signed the agreement with INBAR on long-term cooperation;
- Memorandum of cooperation with **Malaysian** Forestry Research Institute, **Philippine** Ecological Research Center, **Indonesia** Forestry Research and Development Agency;
- The agreement with **US** Forestry Products Laboratory, **Canada** Forestry Products Institution, and University of Göttingen, **Germany**



- ICBR is cooperating with **USDA** Forest Service Southern Experimental Station to conduct the research on rapid forecast of dynamic properties and chemical compositions of bamboo by applying the infrared spectrum technology;



- cooperating with the Imperial College of Science, Technology and Medicine of the **United Kingdom** to conduct research on bamboo and wood preservation;



- and cooperating with the **Australian** Research Institute of Forestry to conduct research on eucalyptus drying technology and mechanical processing properties.





- The implementation of international projects funded by CFC, ITTO, BMF, contributes to development of bamboo and rattan, regional economy and poverty elimination of developing countries.



Postgraduate Education

- A postgraduate institute has been set up under the joint effort of the ICBR and the Chinese Academy of Forestry ICBR in 2002, to particularly cultivate and train highly professional talents in bamboo and rattan majors or relevant spheres.



- 128 graduates have been enrolled up to now.



Training

International Training

- In recent years, the Centre has held more than 200 high-rank international seminars with INBAR, FAO, ITTO, CFC, MOFCOM and CAF;



- Since 2005, the center has undertaken 17 international training seminars and workshops, and 600 participants from more than 60 countries has attended.



Domestic Training

- Last two years, ICBR has held 18 training workshops in Guangxi, Guizhou, Sichuan, Zhejiang, Yunnan and Jiangxi ;
- trained 1000 government officials of various ranks, entrepreneurs, technical staffs and forestry farmers.



II. Experience and capacity of organizing large-scale events





The 1st “International Symposium on Advanced Biomass Science & Technology for Bio-based Products” co-organized by the ICBR was successfully held from 23-25 May 2007 at IBRT. 150 researchers, professionals and officials participated.





The "International Conference on Sustainable Development of Non-Wood Forest Products and Forest Service" co-organized by ICBR, INBAR and FAO was successfully held from 26-28 Sept 2007 at the IBRT. More than 130 participants from 42 countries, 7 international organizations attended.





INBAR 10th Anniversary & the Global Forum on Sustainable Development with Bamboo and Rattan were co-organized by ICBR in Nov 2007.



Conditions and facilities for meetings



ICBR Tower picture taken in 2005



Guest rooms:



Restaurants and food:



Meeting Rooms:





Leisure equipment:



Beijing scenic spots:





Welcome to visit ICBR/ABU



A lush green bamboo forest with a path leading through it. The bamboo stalks are tall and slender, creating a dense canopy. The path is made of dirt and is bordered by a low wooden fence. The overall scene is peaceful and natural.

Thank you for your attention!

<http://www.icbr.ac.cn>