**Project Description**

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| Name | 2013 Seminar on Bamboo Industry Development for Developing Countries | | | | | | |
| Organizer | China National Bamboo Research Center（CBRC） | | | | | | |
| Time | Oct.21～Nov.10,2013 | | | | Language | | English |
| Invited Countries | Cambodia, Laos, Myanmar, Bangladesh, Nepal, Pakistan, Sri Lanka, East Timor, India, Indonesia, Thailand, Sierra Leone, Liberia, Tanzania, Zanzibar, Zambia, Uganda, Mozambique, Kenya, Ethiopia, Sudan, Madagascar, Bolivia, Columbia, Ecuador, Peru, Uruguay, Venezuela, Mexico, Chile, Costa Rica, Jamaica, Guyana, Surinam, Fiji, Papua New Ginuea, Vanuatu, Samoa, Malaysia, South Africa, Democratic People’s Republic of Korea, Mauritius, 1-2 participants for each country. | | | | | | |
| Number of Participants | 20 | | | | | | |
| Requirements for the Participants | Age | Under 45 for officials at or under director's level; under 50 for officials at director general's level | | | | | |
| Health | In good health with health certificate issued by the local public hospitals; without diseases with which entry to China is disallowed by China’s laws and regulations; without severe chronic diseases such as serious high blood pressure, cardiovascular/cerebrovascular diseases and diabetes; without metal diseases or epidemic diseases that are likely to cause serious threat to public health; not in the process of recovering after a major operation or in the process of acute diseases; not seriously disabled or pregnant | | | | | |
| Language | Capable of listening, speaking, reading and writing in English | | | | | |
| others | Family members or friends shall not follow | | | | | |
| Host City | Hangzhou, Zhejiang Province | | | Local Temperature | | Around 20℃～30℃ | |
| Cities to visit | Linan city, Jiaxing city, Huzhou city and Yiwu city of Zhejiang Province, and Shanghai City | | | Local Temperature | | Around 20℃～30℃ | |
| Notes |  | | | | | | |
| Contact of the Organizer | Contact Person(s) | | Ding Xingcui, Zhou Yan | | | | |
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| About the Organizer | CBRC was established in 1988 and headquartered in Hangzhou which not only is a picturesque city, but also one of China's most dynamic and booming regions of bamboo’s R. & D., production and marketing etc.. CBRC has 3 Missions as enshrined by the Ministry of Science and Technology (MOST) etc.: (a). Bamboo’s R. & D. at national and international level; (b). International exchange, cooperation and personnel training of bamboo; and (c). Bamboo’s industrialization. China Bamboo Plaza as CBRC’s headquarter occupies a total building area of 24,000 m2 and has art-of-the-state training facilities in its 4-star building. CBRC is consisted of Administrative division, Research division, International & Technical Cooperation division, Finance division, Labs for Bamboo Cultivation and Utilization, Edition office of <Journal of Bamboo Research> , 2 field bamboo experiment stations located in the subtropical and tropical regions respectively and 1 bamboo hi-tech and high value-added processing and utilization pilot and incubator. Over 40 international training spots all around China have been set up. Now CBRC carries out the bamboo R. & D. projects funded by the state, ministerial, provincial levels and the enterprises, and some bamboo research areas are in the world leading position. In 2011, International Training Center of Forestry of the State Forestry Administration was established for promoting the international forestry cooperation.  As one of China’s pioneer members of undertaking bamboo training for developing countries in China, it is since 1993 that CBRC has been holding with great success 64 international workshops, including 2 ministerial seminars as entrusted by the Ministry of Commerce of China (MOFCOM), United Nations Development Program (UNDP), United Nations Industry Development Organization (UNIDO) and individual governments etc. So far, over 1600 participants from over 100 countries have been well trained, who have become the backbone for local forestry development and are playing a huge role in the promotion of world forestry development. CBRC also conducts the China-aid Bamboo Development Project for Rwanda as entrusted by MOFCOM and has successfully provided technical service to over 30 countries including Uganda, Mexico, Argentina, Ghana, India, etc., which has made some contribution to its local environmental protection, social-economy through bamboo development. | | | | | | |
| Seminar Content | **Part I: In-room lectures**  (1) Forestry and bamboo outline: Present situation of forest and bamboo resources, cultivation, processing, utilization and research in China and in the world;  (2) Bamboo cultivation: Bamboo nursery set-up; Bamboo multiplication propagation technique; Bamboo stand’s sustainable development; Bamboo classification and introduction; Bamboo biology and ecology; Oriented cultivation of in-kind bamboo stands, such as for water and soil conservation, timber, landscape etc.; Bamboo carbon sequestration; Bamboo’s role in preventing climate change and global warming, Bamboo landscaping;  (3) Bamboo Processing: Bamboo timber harvesting, Bamboo timber preservation and bleaching technologies; Bamboo handicrafts---weavings, furniture etc.; Bamboo value-added industrialization utilization---toothpicks, curtains, mat, charcoal, active charcoal & vinegar, fibers, construction, shoot processing, artificial board(construction board, decoration board and floor etc.) Bamboo bio-energy development;  (4) Bamboo cottage industry, industrialization and commercialization.  (5) Bamboo Economy and Policy: Bamboo social economy; Bamboo administration and policy-making, etc.  **Part II: On-the-spot lecture and practicing**  Tour and practicing is arranged to the bamboo plantation and processing enterprises in Zhejiang Province and participation to China (Yi Wu) International Forestry Industry Expo etc., which are China’s most dynamic regions, to understand the role of bamboo in ecological protection and social-development, and learn bamboo processing and utilization technologies, as well as to know about the role of government in supporting and promoting bamboo development in China. Sightseeing in Shanghai to view the achievements China has obtained after reforming and opening-up.  **Part III. Discussion on follow-up cooperation**  Discussion is arranged on bamboo (forestry) economic and technical collaboration between China and participating countries. | | | | | | |