

**“Construction with Ecological Material of Industrialized Bamboo and Solar Energy” for
AEARU symposium 2018 on “Green and Resilient Growth (GRG) of Asian Cities”**

Organized by School of Architecture and Urban Planning, NJU

28th May to 1st June, 2018 (Rescheduled)

Status Update (4/27/2018)

This is a short update on the preparation of the 2018 AEARU symposium on “Green and Resilient Growth (GRG) of Asian Cities”. The original plan was to hold it from 14th to 18th May, 2018, but the material preparation is quite time consuming, it is now being re-scheduled from **28th May to 1st June, 2018**. The following gives a brief outline of the event.

Rationale

Bamboo is kind of plant and a natural material abundant in China and Asian countries with a profound cultural heritage in history. If a lot of contemporary construction can be used, the meaning of “Green and Resilient Growth (GRG) of Asian Cities” will be far-reaching.

The School of Architecture and Urban Planning in Nanjing University has focused cooperative researches on the industrialized production with Nanjing Forestry University, and Dasso Industrial (bamboo industrialization enterprises) for many years, has a theoretical analysis and engineering practice of the accumulation of experience.

The "Construction with Ecological Material of Industrialized Bamboo and Solar Energy" is held in accordance with the principles of the AEARU symposium. Provides an opportunity and platform of interdisciplinary to connect the academic and industry, with this, to help the participants of AEARU students to understand the significance of " Green and Resilient Growth (GRG) of Asian Cities", and to experience and explore Asian ecological construction of material with real construction experiment in campus.

Goals

- To construct a green building with eco-material of industrialized bamboo and solar energy.
- To raise cognitions and experiences of GRG for Asian cities among East Asian students with real construction practice in campus.
- To teach young architects to pursue and spread GRG in East Asian cities and establish an international student network for exchanging knowledge and ideas

Themes

- Study and practice with ecological construction
- Experience directly industrialized bamboo and solar energy in construction
- Concept and strategies of GRG for Asian cities

Speakers:

- Prof. XIAO Yan, Professor, Department of Civil Engineering, University of Southern California, USA.
- Prof. HUANG Dongsheng, Professor, Department of Civil Engineering, Nanjing Forestry University, China.

Applicants:

- LIN Yu-Chien, Taiwan University
- XIE Zhutian, Taiwan University

Venue

- NJU Gulou Campus, Hankou Road 22, Nanjing, Jiangsu Province, China

Schedule

Date/Time	Event
Monday (May 28)	
9:30~12:00	Opening Ceremony of the Symposium (Keynote speeches)
12:00~13:30	Lunch
13:00~18:00	Session 1: Approach to Construction Based upon Joint Study
18:00~19:30	Dinner
Tuesday (May 29)	
9:30~12:00	Session 2: Presentation and Review of "Joint Study"
12:00~13:30	Lunch
13:30~14:30	Introduction of the Workshop Program
14:30~18:00	Site Preparation for Workshop

18:00~19:30	Dinner
Wednesday (May 30)	
9:00~12:00	Construction on site 1
12:00~13:30	Lunch
13:30~18:00	Construction on site 2
18:00~19:30	Dinner
Thursday (May 31)	
9:00~12:00AM	Construction on site 3
12:00~1:30PM	Lunch
1:30~6:00PM	Cleaning and prepare for exhibition
6:00~7:30PM	Dinner
Friday (June 1)	
9:00~10:30AM	Exchange meeting
10:30~12:00AM	Completion ceremony
12:00~1:30PM	Lunch
1:30~6:00PM	Field trip
6:00~7:30PM	Dinner

Funding request

Nanjing University would like to ask for AEARU funding of 10,000 USD to support student participation from member universities. The total budget is 12,000 USD.

Total Budget: 12,000USD (expected subsidy from AEARU: 10,000 USD)

- Invitation of lecturers 3,000 USD
- Space(Symposium hall) rent 1,000 USD
- Accommodation for students 3,000 USD
- Lecture and other printed materials 1,500 USD
- Student field trip (technical tour) expenses (including meals) 2,000 USD

- incidental expenses 1,500 USD

Application

- This symposium is for **graduate students** attending AEARU universities (<http://www.earu.com/>)
 - Fudan University
 - Hong Kong University of Science and Technology
 - Korea Advanced Institute of Science and Technology
 - Kyoto University
 - Nanjing University
 - Osaka University
 - Peking University
 - Pohang University of Science and Technology
 - Seoul National University
 - Taiwan University
 - Tohoku University
 - Tokyo Institute of Technology
 - Tsinghua University-Beijing
 - Tsing Hua University–Hsinchu
 - University of Science and Technology of China
 - University of Tokyo
 - University of Tsukuba
 - Yonsei University
- Costs including the local accommodation and transportation will be covered by the host university during the symposium. Registration fee is waived for AEARU member university students.
- Those who would like to participate in the symposium are required to submit the completed **registration form and portfolio** by email to Dr. Xianchuan MENG mxc@nju.edu.cn by **May 4th, 2018**. The size of portfolio should not exceed 10M.
- Submitted applications will be reviewed by the Organizing Committee at Nanjing University. Notification of acceptance will be sent to all applicants.

Contact Person

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