

## **International Symposium**

Sustainable use of tropical rainforest by the intensive forest management, advanced utilization of forest resources, and autonomous development of local communities: Reports from Central Kalimantan and perspectives for future studies

### Organized by

- Indonesian Institute of Science
- Gadjah Mada University
- Tanjungpura University
- Bogor Agricultural University
- Research Institute for Human Settlements
- Utsunomiya University
- Kyoto University

### Cooperated by

- In Search of Sustainable Humanosphere in Asia and Africa

### Funded by

- Japan Science and Technology Agency
- Kyoto Univ. Global COE “In Search of Sustainable Humanosphere in Asia and Africa”

### Date and Venue

- Main symposium: Indonesia Institute of Science, Jakarta, February 27 and 28, 2012
- Satellite workshop: Faculty of Forestry, Gadjah Mada University, March 1 and 2, 2012

### Scope and Purpose

The symposium aims to create a new paradigm of the sustainable use of tropical rainforest. The sustainability of forestry will be achieved by the establishment of sustainable forest management based on the monitoring and adaptive management of resources. The sustainability of forestry is also achieved by the effective use of the forest resources and the development of technologies to produce the high value added product. Forestry activities impact local communities and conflictions between forestry sector and local communities frequently occur in the developing countries. Therefore, the establishment of harmonized relationships between the forest sectors and local communities and autonomous development of the local communities is also key of the sustainable forestry.

Based on this idea, Kyoto University, Utsunomiya University, Indonesian Institute of Science, Gadjah Mada University, Tanjungpura University, Bogor Agricultural University, and Research Institute for Human Settlement started International Cooperative Research Project from December 2010. This multidisciplinary project is aiming to create the new paradigm of sustainable use of tropical rain

forest for 21st Century based on the advanced scientific and technological approaches. One of the purposes of the symposium is to report the academic achievement of this international project and deliver it to researchers and various peoples who are concerning tropical forestry and conservation of tropical forest. The organizer also planned to invite speakers from relating research project.

Tentative Schedule    See separate sheet

#### Publication

Abstracts will be published based on the manuscripts prepared by every research groups of JST project. Submit 2 pages introduction of the research activities in JST project, including scope, methodology, tentative results and goal with many graphics.

Total 25 pages with color printing.

Tentative Program of the Symposium at Jakarta

|         |                  |             |                                                                                                                                                                                                                  |
|---------|------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Feb. 27 | Registration     | 8:45-9:15   |                                                                                                                                                                                                                  |
|         | Opening address: | 9:15-9:30   | Shuichi Kawai, Bambang Subyanto                                                                                                                                                                                  |
|         | Session 1        | 9:30-12:00  | <b>Line planting as sustainable forestry tool</b><br>Kanzaki, Inada Intensive planting<br>Umamura, Kawai Timer from line planting<br>UGM group Stand dynamics?<br>Kaneke, Kanzaki Forest Structure...            |
|         | Lunch            | 12:00-13:00 |                                                                                                                                                                                                                  |
|         | Invited Speaker  | 13:00-13:45 | Prof. Kanehiro Kitayama ?                                                                                                                                                                                        |
|         | Session 2        | 13:45-16:15 | <b>Innovative techniques in forest management</b><br>Kozan, Watanabe Passive sensor on satellite<br>UGM<br>LIPI<br>Umezawa GM and Forestry                                                                       |
|         |                  |             |                                                                                                                                                                                                                  |
| Feb. 28 | Session 3        | 9:30-12:00  | <b>Multiple Utilization of Resources and Local Knowledge</b><br>Watanabe, Euis<br>Takano, Kamitakahara, Andrea<br>UGM<br>Ishiguri<br>Yanagisawa                                                                  |
|         | Lunch            | 12:00-13:00 |                                                                                                                                                                                                                  |
|         | Invited Speaker  | 13:00-13:45 | Prof. Eizi Suzuki                                                                                                                                                                                                |
|         | Session 4        | 13:45-16:15 | <b>Ecological Function of Logging Forest</b><br>Gono, Fujita, Samejima Mammals and Bird Diversity<br>Isagi, Izuno Genetic diversity and forestry<br>Ruliyana, Koizumi Plant diversity<br>Umeda, Ohta Soil Carbon |
|         | Closing Address  | 16:15-16:30 | Mamoru Kanzaki, Oka                                                                                                                                                                                              |
|         |                  |             |                                                                                                                                                                                                                  |

### Tentative Schedule of Workshop at Yogyakarta

|        |                            |             |                                                                            |
|--------|----------------------------|-------------|----------------------------------------------------------------------------|
| Mar. 1 | Opening address: 9:15-9:30 |             |                                                                            |
|        |                            |             |                                                                            |
|        | Session 1                  | 9:30-12:00  | <b>Ecological function of forest and sustainability</b><br>Progress report |
|        |                            |             |                                                                            |
|        | Lunch                      | 12:00-13:30 |                                                                            |
|        |                            |             |                                                                            |
|        | Session 2                  | 13:30-16:00 | <b>Collaborative research discussion</b>                                   |
|        |                            |             |                                                                            |
| Mar.2  | Field Observatio           | 9:00-16:00  | UGM University Forest?<br><br>Mt. Merapi restoration program?              |