

1. Name of the meeting, organizers, supporting organizations/programs and venue

Name: The Humanosphere Science School 2011 (HSS2011)

Organizers: Research Institute for Sustainable Humanosphere (RISH), Kyoto University; Research and Development Unit for Biomaterials (UDUB), Indonesian Institute of Sciences (LIPI); Faculty of Agriculture, Pattimura University (UNPATTI); Center for Southeast Area Studies (CSEAS), Kyoto University

Supporting Organizations/Programs: Global-COE Program, Kyoto University

Venue: Baileo Oikumene and Swiss-Belhotel Ambon, Ambon, Indonesia

Date: September 30 – October 3, 2011

2. Program: See Appendix 1

3. Number of lecturers and participants

Lecturers: 8 from Japan (7 from RISH, 1 from CSEAS); 5 from Indonesia

Participants (number of registrants): 150 from Indonesia; 5 from Japan

4. Outline of the meeting

Following the last three successful HSS meetings in 2008, 2009 and 2010, the Humanosphere Science School 2011 (HSS2011) was held at Baileo Oikumene and Swiss-Belhotel Ambon, Ambon, from September 30 - October 3, 2011, under the title “The Development of Science and Technology for a Sustainable Humanosphere”. The purpose of HSS2011 was to enable young Indonesian and Japanese scientists to share state-of-the-art research results in the field of humanosphere sciences. With approximately 150 participants from all over Indonesia, HSS2011 was very successful. Presentations by young scientists including RISH students were independently organized and presented on the last day as the 1st International Symposium for Sustainable Humanosphere (ISSH). The title of this symposium was “Wallace Ecosystem and Biodiversity in Maluku for Sustainable Humanosphere”.

5. Proceedings

Transcripts of the lectures were delivered to all participants in the PROGRAM BOOK, which also included information on the program and social activities, a list of lecturers

and participants, and brief CVs of the lecturers. Brief introductions to RISH and UDUB were also included in the book.

Appendix 1: The Program of HSS2011

First Day: 30 September 2011 (Friday)

12.30 – 13.30: Registration

13.30 – 13.40: Welcome speech by Prof. Lukman Hakim (LIPI)

13.40 – 13.50 : Welcome speech by Prof. J. B. Tetelepta (UNPATTI)

13.50 – 14.00 : Welcome speech by Prof. Shuichi Kawai (RISH)

14.00 – 14.10: Opening remarks by Governor of Maluku

Special Session

14.30 – 14.50: Prof. Takashi Watanabe Introduction to RISH

Lecture Session I

14.50 – 15.30: Prof. Bambang Prasetya *Man and Biosphere Program in Indonesia as a Natural Laboratory Model for Sustainable Socio-economic Development of Natural Tropical Forest*

15.30 – 16.10: Prof. Shuichi Kawai *Development of Tropical Plant Fiber Composites*

16.30 – 17.10: Prof. Tsuyoshi Yoshimura *Evaluation of Biodiversity of Wood-deteriorating Organisms in Tropical Plantation Forests and a Proposal for Sustainable Management*

17.10 – 17.50: Prof. John Matinahoru *Forest Management in Small Islands*

17.50 – 18.30: Prof. Bambang Subiyanto *Strengthening Innovation through Technology Business Incubator in Indonesia*

Second Day: 1 October 2011 (Saturday)

Lecture Session II

09.00 – 09.40: Prof. Cecep Kusmana *Mangrove Biodiversity in Indonesia*

09.40 – 10.20: Dr. Motoko Fujita *Bird Diversity Assessment in a Tropical Acacia Plantation*

10.50 – 11.30: Dr. Yusuke Ebihara *Current Understanding and Future Directions of Space Weather Research*

11.30 – 12.10: Dr. Masayuki Yamamoto *The Equatorial Atmosphere Radar (EAR): System description and observation results*

Lecture Session III

13.30 – 14.10: Prof. John Tetelepta *Climate Change and Small Islands – Their Relationship to a Maluku Coastal Community Case*

14.10 – 14.50: Dr. Akifumi Sugiyama *Mutualistic Plant Microbe Interactions in the Rhizosphere*

14.50 – 15.30: Dr. Adi Santoso *Biodiversity-based Drugs – Development of Recombinant Human Erythropoietin for Anti-Anemia*

Lecture Session IV

16.00 – 16:40: Prof. Takashi Watanabe *Lignocellulosic Biorefinery for Sustainable Humanosphere*

16.40 – 17.20: Dr. Kentaro Abe *Cellulose Nanofibers from Plant Sources – Preparation and Characterization*

17.20 – 17.30: Closing Ceremony by Prof. Shuichi Kawai

Third Day: **2 October 2011 (Sunday)**

08.00 – 17.30: CULTURE TRIP

Fourth Day: **3 October 2011 (Monday)**

ISSH