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
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