



**Program of Work**  
**Low Carbon Asia Research Network (LoCARNet) 3<sup>rd</sup> Annual Meeting**

**Date: November 24 – 26, 2014**

**Venue: Aston Bogor Hotel and Resort – Bogor, Indonesia**

**Monday, November 24, 2014 – Day 1**

Monday, November 24, 2014 – Day 1		
08:30	<b>Registration</b>	Nirwana Ballroom
09:00 – 10:00	<p><b>Opening Ceremony and LoCARNet Plenary</b></p> <p>Co-chairs:            Prof. Rizaldi Boer, Bogor Agricultural University, Indonesia            Prof. Ho Chin Siong, Universiti Teknologi Malaysia</p> <p><b>Welcome Remarks</b>            Prof. Herry Suhardiyanto, Chancellor, Bogor Agricultural University, Indonesia</p> <p>Dr. Bima Arya Sugiarto, Mayor of Bogor City, Indonesia</p> <p><b>Opening Remarks</b>            Dr. Ing. Ir. Hadi Daryanto, D.E.A. , Secretary General Ministry of Environment and Forestry, Indonesia</p>	Nirwana Ballroom
10:00 – 10:30	<b>Coffee/Tea Break</b> (Press Conference)	
10:30 – 12:00	<p><b>Keynote Speech</b></p> <p>Co-chairs:            Prof. Rizaldi Boer, Bogor Agricultural University, Indonesia            Prof. Ho Chin Siong, Universiti Teknologi Malaysia</p>	LoCARNet Day 1 Session 1  Nirwana Ballroom

**Monday, November 24, 2014 – Day 1**

	<p><b>Keynote Speech 1</b> Prof. Dr. Emil Salim, Professor, University of Indonesia</p> <p><b>Keynote Speech 2</b> Prof. Yuzuru Matsuoka, Professor, Kyoto University, Japan</p> <p><b>Discussion</b></p>	
12:00 – 13:30	<p><b>Lunch</b></p>	<p><i>Batu Tulis Restaurant</i></p>
13:30 – 15:30	<p><b>Promoting an Integrated Knowledge-Base System for Scientific Low-Carbon Development Policymaking in Asia – Part I</b> Chair: Mr. Hideyuki Mori, Institute for Global Environmental Strategies (IGES), Japan</p> <p>This session is to follow-up our discussion at ISAP2014 in Yokohama, and aims to show the audience and the world that countries and organisations in Asia have cooperated to form an effective sequential system of knowledge creation, education and capacity development, knowledge sharing, and dissemination for science-based low-carbon development policymaking, and based on this, they will send out various messages in the run up to COP21.</p> <p>The UN Framework Convention on Climate Change (UNFCCC) will adopt a universal climate agreement for all nations to reduce GHG emissions, which will come into effect from 2020. Countries in Asia hold the key to climate stabilisation in terms of whether they can introduce science-based low-carbon policies into their development policies, as it is predicted that, in a BAU scenario, GHG emissions from Asia will account for 50% of the global total. Recently, we have seen a positive change in Asia – research communities in Asia are being strengthened, and linkage between research and policies is being promoted in a more effective manner, ensuring full ownership. In this session, we would like to propose facilitating the same activities worldwide, by introducing contributions made by research communities in Asia, ahead of work stream 2 for COP21, which aims to increase ambitions to cut GHG emissions.</p> <p>Speakers:</p> <ol style="list-style-type: none"> <li>1. Prof. Rizaldi Boer, Bogor Agricultural University, Indonesia (Introductory presentation)</li> <li>2. Dr. Endah Murniningtyas, Ministry of National Development Planning (BAPPENAS), Indonesia</li> <li>3. Dr. Shuzo Nishioka, LoCARNet/IGES, Japan</li> </ol> <p>Each presentation slot includes presentation followed by Q and A</p> <p><b>Discussion</b></p>	<p align="center">LoCARNet Day 1 Session 2</p> <p align="center">Nirwana Ballroom</p>

**Monday, November 24, 2014 – Day 1**

15:00 – 15:30	<b>Coffee/Tea Break</b>	
15:30 – 17:30	<p><b>Promoting an Integrated Knowledge-Base System for Scientific Low-Carbon Development Policymaking in Asia – Part II</b>          Chair: Dr. Mikiko Kainuma, IGES/NIES, Japan</p> <p>Speakers:</p> <ol style="list-style-type: none"> <li>1. Mr. Carl Mas, Deep Decarbonization Pathways Project (DDPP)</li> <li>2. Prof. P. R. Shukla, Indian Institute of Management Ahmedabad (IIMA), India</li> <li>3. Prof. Ho Chin Siong, Universiti Teknologi Malaysia (UTM), Malaysia</li> <li>4. Dr. Ucok Siagian, Bandung Institute of Technology, Indonesia</li> <li>5. Mr. Noer Adi Wardoyo, Ministry of Environment and Forestry, Indonesia</li> </ol> <p>Each presentation slot includes presentation followed by Q and A  <b>Discussion</b></p>	<p>LoCARNet Day 1          Session 3</p> <p>Nirwana Ballroom</p>
18:00	<p><b>Networking Dinner</b>          Hosted by Prof. Herry Suhardiyanto, Chancellor, Bogor Agricultural University, Indonesia</p>	<p><i>Gading Café and Restaurant</i></p>

**Tuesday, November 25, 2014 – Day 2**

<b>Tuesday, November 25, 2014 – Day 2</b>		
<b>Breakout Session 1 (Morning Session)</b>		
<p>09:00 – 13:00</p> <p>*Note: This session will have longer presentation &amp; discussion. Lunch start at 13:00 – 14:30</p>	<p><b>A: Grand Regional Research Strategies (Category: Policy)</b> Chair/Moderator: Prof. P. R. Shukla, IIMA, India</p> <p>Speakers:</p> <ol style="list-style-type: none"> <li>1. Ms. Vichet Ratha Khlok, Ministry of Environment, Cambodia</li> <li>2. Prof. Rizaldi Boer, Bogor Agricultural University, Indonesia</li> <li>3. Prof. Ho Chin Siong, UTM, Malaysia</li> <li>4. Prof. Sirintornthep Towprayoon, Joint Graduate School of Energy and Environment (JGSEE), Thailand</li> <li>5. Dr. Nguyen Tung Lam, Institute of Strategy and Policy on Natural Resources and Environment (ISPONRE), Viet Nam</li> <li>6. Dr. Jakkanit Kananurak, Thailand Greenhouse Gas Management Organization (TGO)/ Climate Change International Technical and Training Center (CITC)</li> <li>7. Dr. Mikiko Kainuma, IGES/National Institute for Environmental Studies(NIES), Japan</li> <li>8. Dr. Toshihiko Masui, NIES, Japan</li> <li>9. Mr. Brett Shields, Spatial Informatics Group, Singapore</li> </ol> <p>Resource person:</p> <ol style="list-style-type: none"> <li>10. Ms. Aye Kyawt Swe, Mercy Corps (INGO) office in Yangon, Myanmar</li> </ol> <p><b>Discussion</b></p>	<p>LoCARNet Day 2 Session 4</p> <p>Andrasentra 1</p>
<p>09:00 – 12:00</p>	<p><b>B: Local Research Initiatives for Supporting Strategies (Category: Action)</b> Chair/Moderator: Dr. Lawin Bastian, The National Council on Climate Change (DNPI), Indonesia</p> <p>Speakers:</p> <ol style="list-style-type: none"> <li>1. Dr. Stephanus Mandagi, University of Sam Ratulangi, Manado</li> <li>2. Dr. Djoni Hartono, University of Indonesia</li> <li>3. Prof. Dedi Hadriyanto, University of Mulawarman, Samarinda</li> <li>4. Dr. Ir. Hj. Hidayati, BLH North Sumatera Province</li> <li>5. Dr. Kei Gomi, NIES, Japan</li> </ol> <p><b>Discussion</b></p>	<p>LoCARNet Day 2 Session 5</p> <p>Andrasentra 2</p>

**Tuesday, November 25, 2014 – Day 2**

09:00 – 12:00	<p><b>C: Carbon Monitoring System Innovation, toward low carbon campus, city and region (Category: Action/Monitoring)</b>  Chair/Moderator: Prof. Tsuyoshi Fujita, NIES, Japan</p> <p>Speakers:</p> <ol style="list-style-type: none"> <li>1. Prof. Tsuyoshi Fujita, NIES, Japan</li> <li>2. Mr. Bregas Budiando, Bogor Agricultural University, Indonesia</li> <li>3. Dr. Tatsuya Yokota, NIES, Japan</li> <li>4. Prof. Sachiko Hayashida, Nara Women's University, Japan</li> <li>5. Mr. Rana Yusuf, Green Building Council Foundation, Indonesia</li> <li>6. Dr. Toshiaki Ariyama, Fujitsu Co., Japan</li> <li>7. Mrs. Tatik Kartika, National Institute of Aeronautics and Space (LAPAN), Indonesia</li> <li>8. Prof Azlan Abdul Rahman, UTM, Malaysia</li> </ol> <p><b>Discussion</b></p>	<p>LoCARNet Day 2 Session 6</p> <p>Andrasentra 3</p>
09:00 – 12:00	<p><b>D: Policy - Relevant Synthesis of Low Carbon Initiatives in Asia (Category: Research/Action)</b>  Chair/Moderator: Ms. Taniya Koswatta, Asia-Pacific Network for Global Change Research (APN) Secretariat</p> <p>Speakers:</p> <ol style="list-style-type: none"> <li>1. Ms. Shom TEOH, IGES Regional Center, Thailand</li> <li>2. Mr. Kirtiman Sherchan, Cambodia</li> <li>3. Ms. Kriti Nagrath, Development Alternatives, India</li> <li>4. Mr. Ashish Shrestha, Asian Institute of Technology, Thailand</li> <li>5. Prof. Damasa B.M. Macandog, University of Philippines, Philippines</li> <li>6. Ms. Takako Wakiyama, IGES, Japan</li> </ol> <p><b>Discussion</b></p>	<p>LoCARNet Day 2 Session 7</p> <p>Nirwana 5</p>
12:00 – 13:30 13:00 – 14:30	<p><b>Lunch</b>  <b>*Lunch Schedule for Participants of Room Andrasentra 1</b></p>	<p><i>Batu Tulis</i> Restaurant</p>

**Tuesday, November 25, 2014 – Day 2**

<b>Tuesday, November 25, 2014 – Day 2</b>		
<b>Breakout Session 2 (Afternoon Session)</b>		
14:30 – 16:30	<p><b>A: New co-financing model of research partnership in the Asia-Pacific (Category: Policy)</b>            Chair/Moderator: Dr. Akio Takemoto, Ministry of the Environment, Japan</p> <p>Speakers:</p> <ol style="list-style-type: none"> <li>1. Mr. Sabar Ginting, Ministry of Environment, Clean and Renewable Energy, Indonesia (APN government focal point)</li> <li>2. Mr. B M U D Basnayake / Mr. Mahesh Chamara, Ministry of Environment and Renewable Energy, Sri Lanka</li> <li>3. Prof. Singgih Riphath, Ministry of Finance, Indonesia</li> <li>4. Mr. Brett Shields, Spatial Informatics Group, Singapore</li> </ol> <p>Resource person:</p> <ol style="list-style-type: none"> <li>5. Ms. Taniya Koswatta, APN Secretariat</li> </ol> <p><b>Discussion</b></p>	<p>LoCARNet Day 2 Session 8</p> <p>Andrasentra 1</p>
13:30 – 16:30	<p><b>B: Low Carbon and Resilient Cities – Showcasing Concrete Actions and Good practices (Category: Action)</b>            Chair/Moderator: Prof. Ho Chin Siong, UTM, Malaysia</p> <p>Speakers:</p> <ol style="list-style-type: none"> <li>1. Prof. Ho Chin Siong, UTM, Malaysia</li> <li>2. Prof. Manmohan Kapshe, Maulana Azad National Institute of Technology, Bhopal, India</li> <li>3. Prof. Ranjith Perera, AIT/Oman university</li> <li>4. Dr. Nguyen Dinh Tuan, Ho Chi Minh City University for Natural Resources and Environment, Viet Nam</li> <li>5. Mr. Igniesz Kemalawarta, PT Bumi Serpong Damai Sinarmas Land, Indonesia</li> <li>6. Dr. Junichi Fujino, NIES, Japan</li> <li>7. Ms. Gina Karina, ICLEI Indonesia</li> </ol> <p><b>Discussion</b></p>	<p>LoCARNet Day 2 Session 9</p> <p>Andrasentra 2</p>

**Tuesday, November 25, 2014 – Day 2**

13:30 – 16:30	<p><b>C: REDD+ and Community-Based Forest Management (Category: Research/Monitoring)</b>  Chair/Moderator: Mr. Pudyatmoko Satyawan, University of Gadjah Mada, Yogyakarta, Indonesia</p> <p>Speakers:</p> <ol style="list-style-type: none"> <li>1. Mr. Nurhadi, KAIL Indonesia</li> <li>2. Mr. Kirtiman Sherchan, Cambodia</li> <li>3. Dr. Tatang Tiryana, Bogor Agricultural University, Indonesia</li> <li>4. Mr. Ahmad Kusworo, FFI Indonesia Programme</li> <li>5. Mrs. Subakti Rahayu, ICRAF Indonesia</li> <li>6. Mr. Bambang Suprayogi, Yagasu Indonesia</li> </ol> <p><b>Discussion</b></p>	<p>LoCARNet Day 2 Session 10</p> <p>Andrasentra 3</p>
13:30 – 16:30	<p><b>D: Low-carbon, climate-resilient society: Integration of mitigation and adaptation policies in cities in Asia (Category: Research)</b>  Chair/Moderator: Mr. Isao Endo, IGES, Japan</p> <p>Speakers:</p> <p><u>Experiences and lessons learned from activities in Indonesia:</u></p> <ol style="list-style-type: none"> <li>1. Dr. Yuli Suharnoto, Bogor Agricultural University, Indonesia</li> <li>2. Mrs. Yulia Suryanti, Ministry of Environment, Indonesia</li> <li>3. Mrs. Farida, STKIP PGRI West Sumatera, Indonesia</li> </ol> <p><u>Experiences and lessons learned from activities in the Philippines:</u></p> <ol style="list-style-type: none"> <li>4. Ms. Erlinda C. Creencia, City ENRO, City Government of Santa Rosa, Laguna, The Philippines</li> <li>5. Dr. Damasa B.M. Macandog, University of the Philippines</li> </ol> <p><u>Experiences from other regions:</u></p> <ol style="list-style-type: none"> <li>6. Dr. Manabu Kanda, Tokyo Institute of Technology, Japan</li> </ol> <p><u>Commentator:</u></p> <ol style="list-style-type: none"> <li>7. Mrs. Erni Pelita Fitratunnisa, BPLHD DKI Jakarta, Indonesia</li> </ol> <p><b>Discussion</b></p>	<p>LoCARNet Day 2 Session 11</p> <p>Nirwana 5</p>

Wednesday November 26, 2014 – Day 3

Wednesday November 26, 2014 – Day 3		
	<p><b>Breakout Session</b></p>	
08:30 – 10:30	<p><b>A: GHG reduction potential in Each Country and Role of Research Community (Category: Research)</b>            Chair/Moderator: Dr. Junichi Fujino, NIES, Japan</p> <p>Speakers:</p> <ol style="list-style-type: none"> <li>1. Dr. Retno Gumilang Dewi, Bandung Institute of Technology, Indonesia</li> <li>2. Dr. Toshihiko Masui, NIES, Japan</li> <li>3. Head of Data, Statistic and Information, Ministry of Energy and Mineral Resources, Indonesia            (Title Presentation: Energy Policies for Supporting Green Growth Development)</li> </ol> <p>* Invite comments from business sector</p> <p><b>Discussion</b></p>	<p>LoCARNet Day 3            Session 12</p> <p>Nirwana Ballroom</p>
08:30 – 10:30	<p><b>B: Remote Sensing and Sustainable Forestry Management (Category: Research)</b>            Chairs/Moderators:            Prof. Tsuyoshi Fujita, NIES, Japan            Prof. Rizaldi Boer, Bogor Agricultural University, Indonesia</p> <p>Speakers:</p> <ol style="list-style-type: none"> <li>1. Dr. Tatsuya Yokota, NIES, Japan</li> <li>2. Dr. Haruni Krisnawati, Ministry of Environment and Forestry, Indonesia</li> <li>3. Dr. Makoto Ooba, NIES, Japan</li> <li>4. Dr. Muhammad Ardiansyah, Bogor Agricultural University, Indonesia</li> <li>5. Dr. Tomoko Hasegawa, NIES, Japan</li> </ol> <p><b>Discussion</b></p>	<p>LoCARNet Day 3            Session 13</p> <p>Nirwana 5</p>



Wednesday November 26, 2014 – Day 3

10:30 – 11:00	<b>Coffee/Tea Break</b>	
<b>Plenary Session</b>		
11:00 – 13:00	<p><b>Wrap-up Session</b>            Chair: Dr. Mikiko Kainuma, IGES/NIES, Japan</p> <p>As an external factor, it was decided that all countries should pledge their own reduction targets. Also, support for developing countries is gradually taking shape. In countries in Asia, policymakers have gradually recognized the importance of the involvement of researchers and research communities' in-country in the policy-making process, and there are some signs of independence in nurturing researchers who will join the policy-making process, as well as in raising research funds.</p> <p>A basic foundation has been gradually developed as outlined above, it is time for LoCARNet to turn to its ultimate goal of “being independent in this region, and establishing a low-carbon development research group that can contribute to formulating low-carbon development countries and regional policies”, then examine the direction to take for constant policy support.</p> <p>Here, <u>we would like to receive brief summaries from each session chair</u>, then, stimulate a vigorous and free discussion among all participants in the LoCARNet Annual Meeting on how we could/should further promote our activities; what kind of messages we can deliver to the world; how we can take the lead in the global transition to low-carbon societies; and what are our next steps.</p> <p>&lt;Speakers&gt;            All participants</p> <p>&lt;Outputs&gt;  <u>One-page message to COP20 (each session)</u>  <u>Bogor Declaration by LoCARNet</u></p>	Nirwana Ballroom

**Wednesday November 26, 2014 – Day 3**

13:00 – 13:15	<b>Introduction to LoCARNet 4<sup>th</sup> Annual Meeting in Malaysia</b> Prof. Azlan Abdul Rahman, UTM, Malaysia	Nirwana Ballroom
13:15 – 13:30	<b>Closing Remarks</b> Prof. Herry Suhardiyanto, Chancellor, Bogor Agricultural University	Nirwana Ballroom
13:30	<b>Lunch</b>	<i>Batu Tulis</i> Restaurant