

2023

International Seminar

Low-Carbon Affordable Houses for Sustainable Societies

HIROSHIMA UNIVERSITY

2024



5 – 6 Sep

Tuesday: 11:30 – 17:00

Wednesday: 09:00 – 15:00

Venue

Patra Jasa Hotel

Jl. Sisingamangaraja, Candi Baru,
Semarang 50250

<https://goo.gl/maps/Aqkn95c3Yk3JPDyE8>

1. Present, socialize, and disseminate the results of research and development activities of the DeLCA, Science and Technology Research Partnership for Sustainable Development (SATREPS) cooperation project.
2. To obtain input from relevant collaborators, especially academics, technical directorates within the Ministry of PUPR, and other institutions (e.g. Local Government, Private/Industry, etc.) related to the results and implementation of SATREPS research and development programs.

- Host -

Direktorat Bina Teknik Permukiman dan Perumahan Kementerian Pekerjaan Umum dan Perumahan Rakyat Bekerja sama dengan Hiroshima University Jepang

(Directorate of Settlement and Housing Engineering of the Ministry of Public Works and Housing in collaboration with Hiroshima University Japan)

Day 1: Tuesday, September 5

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| 11.00 – 11.30 | Registration |
| 11.30 – 11.35 | Indonesia |
| 11.35 – 11.40 | Opening Remarks by Ir. Dian Irawati, M.T. (Director of BTPP) |
| 11.40 – 11.45 | Opening remarks by JICA/JST |
| 11.45 – 12.05 | Keynote speaker 1: Dr. Basuki Hadimuljono (Minister of PUPR) or Ir. Diana Kusumastuti, M.T. (Director General of Housing Settlements) |
| 12.05 – 13.05 | Lunch break and praying |
| 13.05 – 13.45 | Session 1: Development of Climatic Zone and Standard Weather Data of Indonesia 1. Prof. Hideo Nimiya/ I Gede Dewa Putra (15 minutes) 2. Dr. Donald/Dr. Danang of BMKG (15 minutes) 3. Question and Answers (10 minutes) |
| 13.45 – 14.45 | Session 2: Urban Climate Projection in Indonesia: Current and Future 1. Prof. Hansoo Lee/Radyan Pradana (15 minutes) 2. Prof. Hansoo Lee/ Faiz (15 minutes) 3. Dr. Vinayak (15 minutes) 4. Question and Answers (15 minutes) |
| 14.45 – 15.15 | Coffee break and praying |
| 15:15 – 15:35 | Keynote speaker 3: Prof. De Cian Enrica (University of Venice Italy) |
| 15.35 – 16.15 | Session 3: Development of Standard for Indoor Air Quality in Indonesia 1. Prof. Tetsu Kubota/ Hanif Sani (15 minutes) 2. Prof. Takashi Asawa/Ifta Irodatul Utami (15 minutes) 3. Question and Answers (10 minutes) |
| 16.15 – 16.55 | Session 4: Development of Standard for Adaptive Thermal Comfort of Indonesia 1. Prof. Tomonori Sakoi/ Sri Rahma Aprilianti (15 minutes) 2. Dr. Donny Kurniawan (15 minutes) 3. Question and Answers (10 minutes) |
| 16.55 – 17.00 | Closing remarks by Dr. Ariel |
| 19.00 - | Dinner party |

Day 2: Wednesday, September 6

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| 08.30 – 09.00 | Registration |
| 09.00 – 09.20 | Keynote speaker 1: Prof. Prasasto Satwiko (UAJY) or Prof. Sangkertadi (Unsrat Manado) |
| 09.20 – 09.40 | Keynote speaker 2: Yu Sing (Akanoma Studio) |
| 09.40 – 10.40 | Session 1: Development of Passive Cooling Techniques for Apartments in the Hot-Humid Climates of Indonesia <ol style="list-style-type: none">1. Prof. Tetsu Kubota/Andhika Prasetya (15 minutes)2. Prof. Takashi Asawa/Haruka Kitagawa (15 minutes)3. Prof. Takashi Asawa/Haruka Kitagawa (15 minutes)4. Question and Answers (15 minutes) |
| 10.40 – 11.00 | Coffee Break |
| 11.00 – 12.20 | Session 2: Development of Passive Cooling Techniques for Apartments in the Hot-Humid Climates of Indonesia <ol style="list-style-type: none">1. Prof. Takashi Asawa/Muhammad Emir Rasyadi (15 minutes)2. Prof. Hirayama (15 minutes)3. Dr. Andhang Rakhmat Trihamdhani (15 minutes)4. Dr. Sri Nastiti Ekasiwi (15 minutes)5. Question and Answers (20 minutes) |
| 12.20 – 13.30 | Lunch break and praying |
| 13.30 – 14.30 | Session 3: Development of Standard of Life Cycle Energy and Life Cycle CO2 for Apartments in Indonesia <ol style="list-style-type: none">1. Prof. Hiroto Takaguchi/Rudi Setiadji Agustiningtyas (15 minutes)2. Prof. Tetsu Kubota/Sri Novianti (15 minutes)3. Dr. Usep Surahman (15 minutes)4. Question and Answers (15 minutes) |
| 14.30 – 15.00 | Session 4: General Discussion <ol style="list-style-type: none">1. Tegal experimental house #2 (hybrid structure)2. Standardizations |
| 15.00 – 15.05 | Closing Remarks by Ir. Dian Irawati, M.T. (Director of BTPP) |
| 15.05 - 15.10 | Photograph |
| 15.10 - | Social visit Ops: Kota Tua Semarang, Kelenteng Sam Posing, Susar Johar, Lawang Sewu, other |