IELP/GP-RSS Seminar
Feb 3rd & 4th, 2020
GSES Main Building(J22), 2F Lecture Hall

Feb. 3rd
- Student presentations
  Doctor/Master study Presentation;
  Internship/Conference Presentation;

Feb. 4th
- Keynote Speaker’s Lecture
  Prof. Masaru YARIME
  — Governing Data-Driven Innovation for Sustainable Development Goals:
    Opportunities and Challenges in Smart Cities
- Prof. Alin Halimatussadiah
  — Developing a Resilient and Renewable Energy Market through an Optimal Pricing Policy: The Case of Indonesia

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Program Schedule

Feb. 3rd Morning
08:40~09:00 Morning Registration
09:00~09:10 Welcome Speech – Prof. Trencher
09:10~09:30 MC Research Presentation
  – Thatthep Pongritsakda
09:30~10:00 DC Model Presentation
  – Fajar Febiani Amanda
10:00~10:20 MC Research Presentation
  – Eko Pramudyo
10:40~11:10 DC Model Presentation
  – Zhaojie Qian
11:10~11:30 MC Research Presentation
  – Aman Sharma
11:30~12:00 DC Model Presentation
  – Suyun Wang
12:00~13:00 Break

Afternoon
13:00~13:20 Registration
  ~13:35 Conference Presentation
  – Suyun Wang
13:35~13:50 Internship Presentation
  – Zhaojie Qian
13:50~14:05 Conference Presentation
  – Angga Hermawan
14:05~14:20 Internship Presentation
  – Fajar Febiani Amanda
14:20~14:35 Conference Presentation
  – Vu Minh Chien
14:35~14:50 Internship presentation
  – Marsetio Noorprajuda
14:50~15:05 Conference presentation
  - Tsogtbaatar Amarsaikhan
15:05~15:20 Internship presentation
  - Jay Mar D. Quevedo
15:20~15:35 Conference presentation
  - Kevin Muhamad Lukman
15:35~15:55 MC Research Presentation
  - Marie Rogel
15:55~16:25 DC Model Presentation
  - Zhang
Feb. 4th Morning

Developing a Resilient and Renewable Energy Market through an Optimal Pricing Policy: The Case of Indonesia

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Key words: Indonesia; Resilient; Renewable; Energy Market; Pricing Policy;

Indonesia has set a target of 23 percent of its electricity energy mixed coming from renewable energy sources by 2025, which is doubled from the current state. The electricity energy market has been deregulated at the upstream sector, that allowed private sectors produce and sell electricity to the only state-owned electricity company, PLN. However, the renewable energy target has never been achieved due to structural and market barriers, including the price regulation. For the last few years, the price regulation has not been working effectively to incentivize IPP to produce electricity from renewable energy sources. The study presents a simulation of the ‘proper’ price for the market and an evaluation on the current price regulation. The result shows the estimated price for six types of renewable energy technology. About 70 percent of the projects stated in the 10 years electricity planning is not feasible using the current price regulation.

Feb. 4th Afternoon

Governing Data-Driven Innovation for Sustainable Development Goals: Opportunities and Challenges in Smart Cities

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Key words: Smart Cities, Data-Driven Innovation, Governance, Resilience, Sustainable Development Goals