

Session: Carbon Monitoring System Innovation, toward low carbon campus, city and region

- The session provided wide range of monitoring research from social monitoring ground observation and remote sensing to utilize GOSAT CO2 monitoring system. It also covered practitioners' knowledge demand from green campus and green building certification, followed by intensive comments and discussion over the issues how to enhance international research and action network for integrative and innovative carbon monitoring system network development among scientists and policy makers and business enterprises as follows, after referred to Prof. Emil Salim's speech where he emphasized spatial planning based policy and infrastructure design for low carbon society. First, as the tools and methodologies are rapidly developed, Asian international knowledge network should be developed to share the most sophisticated monitoring science among stakeholders. Secondly, monitoring system need to be demonstratively interacted with low carbon campus, low carbon buildings and low carbon area. In order to realize interdisciplinary collaboration among different sectors and ministries, social innovation need to be into action in focal areas and cities. Finally, monitoring system was considered as the important knowledge system to visualize, to share and to transform lifestyles, business patterns and policy design for progressive low carbon society.