GHG and air pollution emissions in Korea, 2010~2100
- Focused on Commercial Sector -

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Today, the negative impact of global climate change is widely observed and Korea also been a big influence. In the future, the negative impact is expected to further increase due to climate change and cause of climate change is greenhouse gas (GHG). To reduce the risks of climate change, global GHG emissions and the impact is investigated the relationship of research being performed. GHG emissions are related to changing of the atmosphere and environment, and there is a need to progress the study of GHG and to estimate the GHG emissions. In this study, socio-economic scenarios were made for the situation in Korea. However, in urban, GHG emissions in commercial sector is the main cause. In Seoul, commercial sector is the most likely cause. So I will estimate GHG emissions and suggest how to reduce GHG emissions in commercial sector. The inventory of greenhouse gas sources are divided in residential, commercial, transportation, power generation, industry sector. Structured data were entered in the AIM/Enduse models to estimate future energy use based on the technology of choice over time to estimate greenhouse gas emissions. In this study, I will estimate GHG emissions in the commercial sector.