

Theme 1: Regional climate research data and information, and gaps
Regional effects of air pollution, disaster risk, and urban climate change

Thorsten Kiefer, Future Earth

1) Air quality and climate change are inexorably linked from their emission sources to their impacts on climate, human health, and ecosystems. Taking into account joint considerations for both air quality and climate change can help to develop policies that maximizes the benefits for both these aspects.

2) A new regionalization scheme based on a combination of tendencies and fluctuation patterns of climate change offers provides a scientific basis for countries and regions to develop adaptation and decision making, especially for managing climate-related disaster or environmental risks.

3) The Cities and Climate Change conference 2018, co-sponsored by IPCC and co-arranged by Future Earth and several partners, will take place in Edmonton, Canada, in March 2018 and support the implementation of the Paris Agreement, the New Urban Agenda, and the Sustainable Development Goals.