

# National case studies in Asia

## Proposals for multidisciplinary research for health and disaster response in a Changing Climate

Professor Hye-Yeong Chun, Yonsei University

The Korean Academy of Science and Technology (KAST) has been supporting the Korean government by offering its long-term vision in the field of Science and Technology, providing independent consultation and recommendation on governmental policies. This is provided through the KAST roundtable discussions, and reports such as the "policy study reports" and "voice of the KAST".

In this presentation, we will present "Proposal for Multidisciplinary Research for Health and Disaster Response in a Changing Climate", a recent policy study report by the Yonsei University Division of KAST. This report provides not only an overview on the current status of science and technology related to the prediction of severe weather events associated with climate change, but also suggestions on how this information -including scientific uncertainties- can be used for disaster prevention and health programmes, especially in highly urbanized areas such as Seoul. These problems are strongly related to the SDGs 3, 11, and 13. The report suggests the development of a research center aimed at solving some of the unknown scientific problems and delivering scientific information to decision makers.