

## Development of GEOSS and GEO Grid

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Global Earth Observation System of Systems "GEOSS" aimed to build the "system of systems" or the global earth observation collaboration where all satellite, aircraft, and in-situ observations of earth, which were individually gathered by countries, and all observation systems, earth datasets, prediction models, and services for earth are combined. The GEOSS 10-year Implementation Plan was drafted in Brussels in 2005, and its ultimate goal was to reflect the scientific findings obtained through earth observation collaboration in policies. Specifically, nine societal benefit areas including disaster, health, energy, climate, weather, water, ecology, biodiversity, and agriculture were selected, and immediate issues that must be solved within 10 years were extracted. While the GEO Grid, which is the AIST initiative, its concept and goal are similar to that of GEOSS. In the presentation, these activities and the relationships will be introduced.

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