

Environmental information infrastructure strategies in Future Earth

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Future Earth is a new international research platform aiming at providing the knowledge needed to support transformations towards sustainability. It emphasizes interdisciplinarity and transdisciplinarity in which research projects are co-designed, co-produced, and co-delivered by researchers in various disciplines and the stakeholders. To promote such research at the large scale, it is critical that information infrastructure which includes key environmental data and knowledge is established. For example, developing models to integrate environmental and socio-economic data, methods for linking the climate, health, economic data etc. with information on the impacts, developing the large interdisciplinary databases including various forms of knowledge and data, e.g. natural and social science data and indigenous knowledge based on the regional practices, are considered as the priority research agendas for Future Earth.

As a host organization of a regional hub of Future Earth in Asia, Research Institute for Humanity and Nature has started activities to promote Future Earth research in Asia. In this presentation, I summarize the latest developments in Future Earth and the activities of Future Earth regional hub in Asia, with an emphasis on the strategies on environmental information infrastructure.

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