

Japan strategic research agenda and research design for Future Earth

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The Future Earth Unit at Research Institute for Humanity and Nature (RIHN) promotes research on Japan strategic research agenda and research design for Future Earth in Japan and Asia under the program of Promotion of Future Earth Research by Research Institute of Science and Technology for Society (RISTEX) of Japan Science and Technology Agency (JST). Future Earth is a global platform for international scientific collaboration, providing the knowledge required for societies in the world to face risks posed by global environmental change and to seize opportunities in a transition to global sustainability. The idea of Future Earth has been discussed since Rio+20 by the International Council of Science Union (ICSU) and others, and is based on the merging of the Global Environmental Change (GEC) Programmes and Sustainable Development Goals (SDGs). Future Earth was officially launched in 2014 when the SRA (Strategic Research Agenda) 2014 was published. In this study, we develop the Japan Strategic Research Agenda (JSRA) with not only researchers of natural/social science and humanities but also with other stakeholders, such as governors, research funders, international cooperation and development aid agencies, industries, citizens, and media, through interviews and questionnaires. We had an expert workshop to prioritize the strategic research agenda. In addition to this, evaluation axes on the research advantage for Japanese scientists and transdisciplinary research have been developed. JSRA and evaluation axes have been developed with stakeholders in co-design, co-production, and co-delivery ways.

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