RIs responsiveness to the society & contribution to the Sustainable Development Goals

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ESFRI Workshop on the Future of Research Infrastructures in the European Research Area

Los Cancajos, La Palma, Canary Islands
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International Council for Science (ICSU)

Observing: Develop, enhance, and integrate observation systems to manage global and regional environmental change
Forecasting: Improve the usefulness of forecasts of future environmental conditions and their consequences for people
Confining: Determine how to anticipate, avoid and manage disruptive global change
Responding: Determine institutional, economic, and behavioural changes to enable effective steps toward global sustainability

EC Grand Societal Challenges

Food security: non-agro habitats & water
Energy: New knowledge and technologies
Climate: Env. protection, sustainable management of nat. resources, water, biodiversity & ecosystems
Climate: Develop global environm. observation and information systems
Security: Enhance the resilience of society against natural and man-made disasters

US National Research Council Grand Challenges for Environ.1 Research

Biogeochemical Cycles
Biological Diversity and Ecosystem Functioning
Climate Variability
Hydrologic Forecasting
15 Infectious Disease and the Environment

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