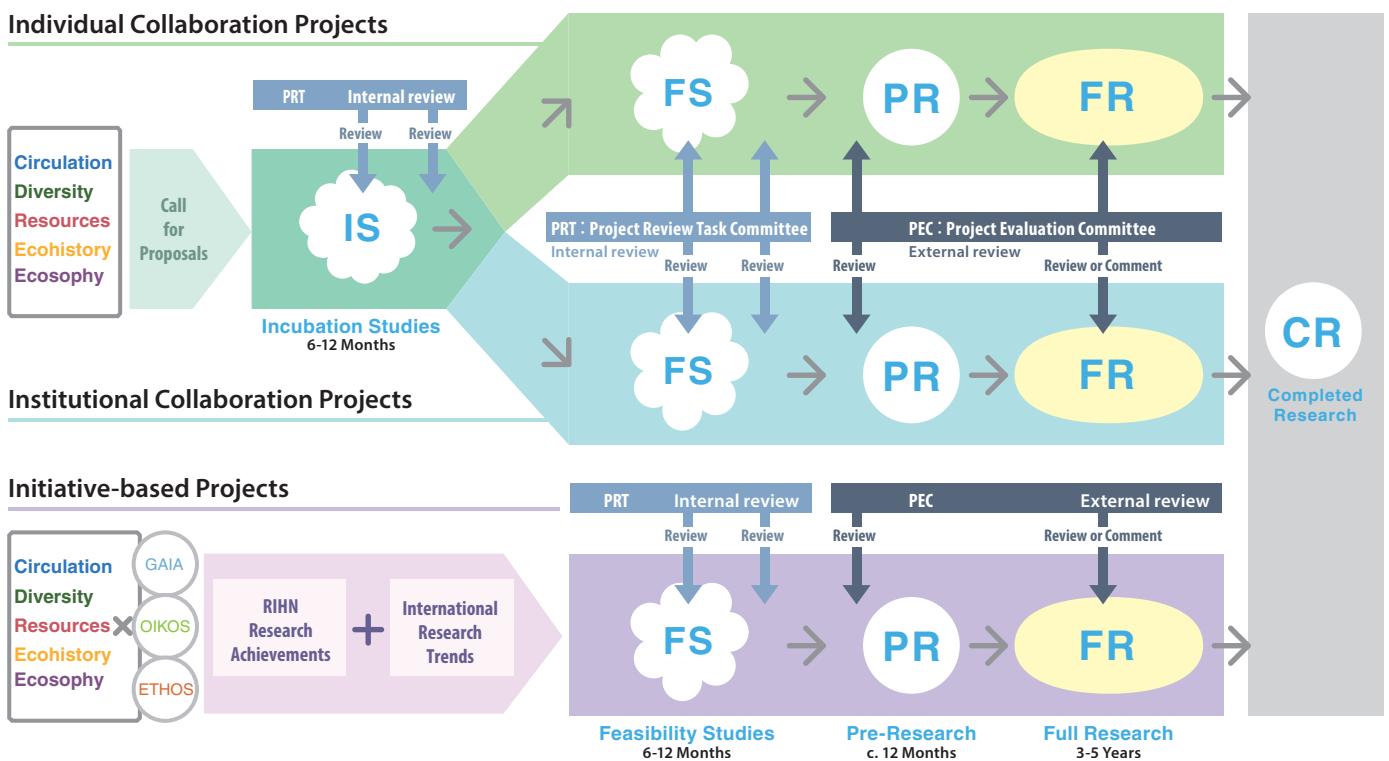


## Research Structure

RIHN solicits, develops, funds, and hosts research projects lasting from between three to five years. Projects conduct high quality basic research; they are always multi-disciplinary and based on multiple methodologies. All projects are subject to a rigorous course of internal and external review. Proposals are developed over the course of 1-3 years (the periods of Incubation- and Feasibility-Study shown below), before entering 3-5 years of Full Research. Research projects are conducted within one of three structures.

**Individual collaboration** projects are proposed by Japanese or international researchers. **Institutional collaboration** projects are designed to facilitate close collaboration between RIHN and other leading institutes of environmental study in Japan. **Initiative-based** project proposals are generated within the institute itself. These proposals are formulated through a process of internal reflection of the strengths and weaknesses in current and past RIHN research as well as ongoing institute engagement with emerging themes in international research.



- **Incubation Studies (IS)** are proposed by individual researchers to the RIHN Project Review Committee. If approved, the researcher is granted seed money to prepare a proposal for Feasibility Study.
- **Feasibility Studies (FS)** allow the study leader a period to develop a proposal for Full Research.
- In the transitional **Pre-Research (PR)** period, the project leader formally assembles the team, establishes MOUs necessary for collaboration with other institutions and makes other preparations to enable Full Research.
- **Full Research (FR)** lasts from three to five years. It typically involves a research team at RIHN and concurrent activity with collaborators overseas, several periods of field study, workshops and presentations, and outreach or communication to relevant communities. FR projects are evaluated by the Project Evaluation Committee at several stages.



## Project Index

Most RIHN research projects are conducted within one of five research domains that reflect 'root metaphors' with significance beyond single disciplines or fields of study.

### Full Research (FR)

#### Circulation

Circulation projects investigate the cycling of energy and matter on the Earth's surface in relation to human activity.

C-09	<b>Designing Local Frameworks for Integrated Water Resources Management</b>	KUBOTA Jumpei Dorotea RAMPISELA	10-11
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#### Diversity

Diversity projects describe and analyze the formation, maintenance and functions of biological and cultural diversity in specific environments.

D-05	<b>Coastal Area Capability Enhancement in Southeast Asia</b>	ISHIKAWA Satoshi	12-13
D-06	<b>Biodiversity-driven Nutrient Cycling and Human Well-being in Social-Ecological Systems</b>	OKUDA Noboru	24-25

#### Resources

Projects in this domain examine global environmental issues related to the use and conservation of natural resources.

R-07	<b>Desertification and Livelihood in Semi-Arid Afro-Eurasia</b>	TANAKA Ueru	14-15
R-08	<b>Human-Environmental Security in Asia-Pacific Ring of Fire: Water-Energy-Food Nexus</b>	TANIGUCHI Makoto ENDO Aiko	18-19
R-09	<b>Long-term Sustainability through Place-Based, Small-scale Economies: Approaches from Historical Ecology</b>	HABU Junko	20-21

#### Ecohistory

Ecohistory projects take historical approaches to the study of circulation, diversity, and resources.

H-05	<b>Societal Adaptation to Climate Change: Integrating Palaeoclimatological Data with Historical and Archaeological Evidences</b>	NAKATSUKA Takeshi	22-23
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#### Ecosophy

Ecosophy projects examine the specific social and environmental contexts in which environmental problems occur, their linkages to social and material phenomena in other places, and the conceptual models used to describe such interconnection.

E-05	<b>Creation and Sustainable Governance of New Commons through Formation of Integrated Local Environmental Knowledge</b>	SATO Tetsu KIKUCHI Naoki	16-17
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### Completed Research (CR)

C-07	<b>Global Warming and the Human-Nature Dimension in Siberia: Social Adaptation to the Changes of the Terrestrial Ecosystem, with an Emphasis on Water Environments</b>	HIYAMA Tetsuya	27
C-08	<b>Megacities and the Global Environment</b>	MURAMATSU Shin	30
R-05	<b>A Study of Human Subsistence Ecosystems in Arab Societies: To Combat Livelihood Degradation for the Post-oil Era</b>	NAWATA Hiroshi	28
R-06	<b>Managing Environmental Risks to Food and Health Security in Asian Watersheds</b>	KADA Ryohei	29

