Current Feasibility Studies

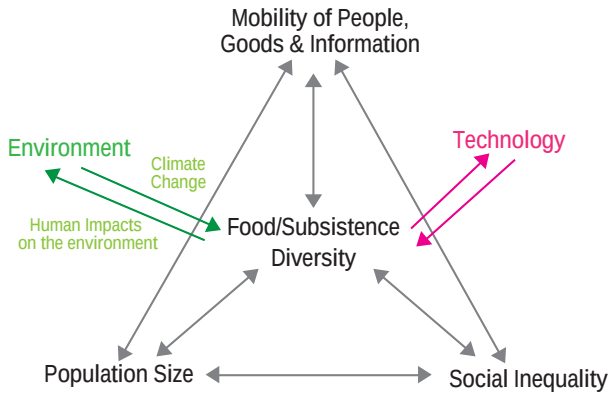
Long-term Sustainability through Place-based, Small-scale Economies: Approaches from Historical Ecology *

*PR in 2013 TBD

HABU Junko, University of California, Berkeley

Region: the North Pacific Rim, including Japan, the Kuril Islands, the Russian Far East, Alaska, the Pacific Northwest Coast, California and Nevada

This project examines the importance of place-based, small-scale and diversified economies for the long-term sustainability of human societies. Archaeological, historical, ethnohistorical and paleoenvironmental studies will test our hypothesis that long-term community sustainability has been directly linked to community scale and food system diversity. Ethnographic studies of small-scale communities and food systems will allow comparative analysis of corresponding cultural and natural factors in contemporary urban and rural food systems. In combination, historical and contemporary studies will point to the future, as the research process also involves discussion and collaborative design of ecologically sound and equitable food systems.



Societal Adaptation to Climate Change: Integrating Palaeoclimatological Data with Historical and Archaeological Evidences*

*PR in Oct. 2013

NAKATSUKA Takeshi, Nagoya University

Region: Japan

How have people adapted to abrupt climate change in the past? This project investigates the ways in which human societies in Japan have reacted to large abrupt climate changes since the Jomon era. Past climate variability can now be reconstructed with great precision in annual or monthly time resolutions due to recent developments in the analysis of paleoclimatological proxies, chiefly tree-ring cellulose oxygen isotopic ratios. In correlating records of past climate changes with historical and archeological evidence, we may identify general characteristics of social systems that are tolerant of or vulnerable to abrupt climate and environmental changes.

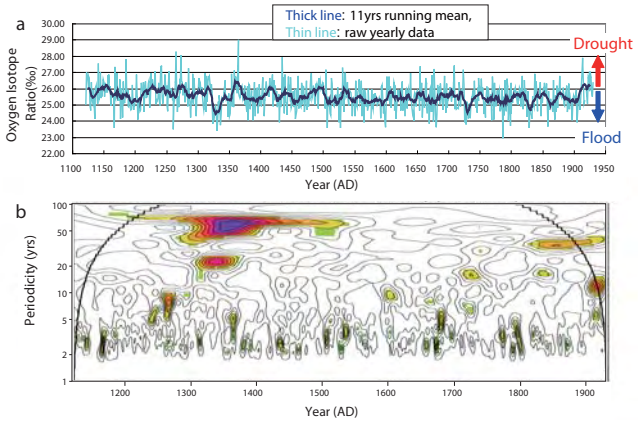


Figure Variations in tree-ring oxygen isotope ratio of a Japanese cypress tree in Gifu prefecture during 12-20th centuries, indicating change of summer precipitation in central Japan (a) and its wavelet diagram, illustrating of larger variability using warmer colors (b). You can see that there are large multi-decadal climate variabilities during medieval period characterized by frequent famines and warfares.

Photo Sampling of a tree ring core

Improving Environmental Literacy to Promote Self-Sustaining Communities

ISHIKAWA Mamoru, Hokkaido University

Region: Mongolia and rural Hokkaido, Japan

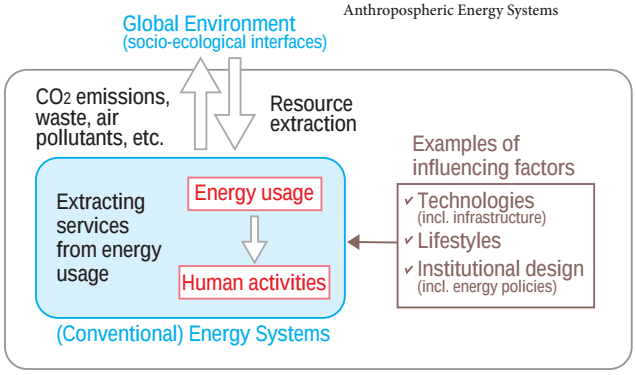
This project examines how local stakeholder and scientific communities perceive and respond to environmental problems. Project research examines the extent to which differences in environmental literacy—the ability to effectively seek, read, and use environmental information—inhibit or facilitate awareness of and dialogue about environmental problems. It examines communities in two places undergoing rapid socio-ecological change: Mongolia, where traditional use of ecosystem services is being displaced by new products and values; and Hokkaido, where, following depopulation and loss of industry, stakeholders have begun to collaborate with scientists to seek new resource-based livelihood strategies.

Design and Integrated Assessment of Regional Anthropospheric Energy Systems

KISHITA Yusuke, Osaka University
Region: Japan

We aim to design future visions of and pathways to *anthropospheric energy systems*, focused on the local community and region. The systems of interest involve complex interactions among energy technologies and infrastructure, political institutions, and the surrounding biospheric environment. We employ a scenario approach to describe desirable transitions of anthropospheric energy systems, in collaboration with a wide spectrum of stakeholders, and then develop a method to evaluate the systems in light of their environmental impact, economic dimensions, and over-all resilience. Our scenario workshops involving citizens, policy-makers, and researchers will result in the co-creation of knowledge on anthropospheric energy systems, thereby profiling the future state of, and regional governance for, the systems.

Conceptual diagram of the proposed Anthropospheric Energy Systems



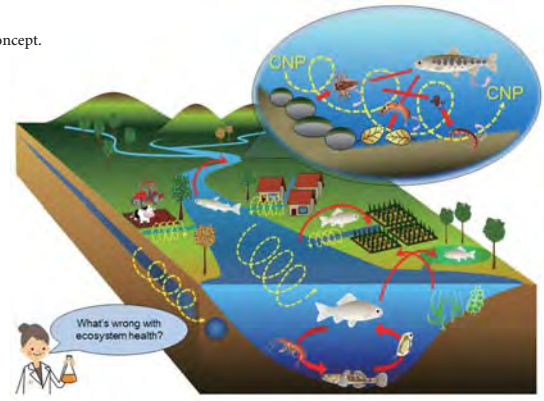
Anthropospheric Energy Systems

Biodiversity-driven Nutrient Cycling in Social-ecological Systems: New Measures of Ecosystem Health

OKUDA Noboru, Kyoto University
Region: Lake Biwa Watershed and watersheds in Asian developing countries

This research project will develop quantitative methods to evaluate nutrient cycling in watershed ecosystems. In disentangling the intricate interactions among human activities, biodiversity and nutrient cycling, our research will contribute to the construction of sustainable social-ecological systems in which biodiversity-driven nutrient cycling and human-wellbeing of local societies are interdependently enhanced, reaching to good ecohealth. We propose a methodology of "hierarchical watershed management", in which citizens and other stakeholders are involved in the co-design and co-production of the research and management process, and thus empowered to practice conservation of local biodiversity and its nutrient cycling functions in watershed ecosystems.

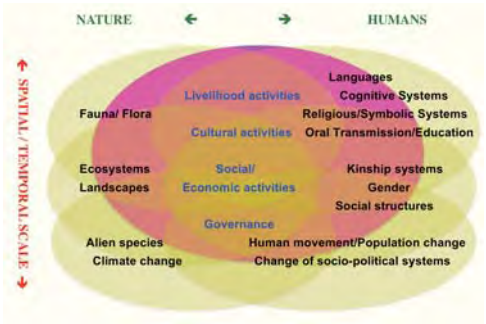
River vein concept.



Biocultural Diversity in the Asia-Pacific : Linking Community-based Participatory Research and the Transmission of Ecological Knowledge to Future Generations

ONISHI Masayuki, RIHN
Region: The Asia-Pacific region, including, Sikkim/North Bengal/ Jharkhand (India), Okinawa, and Bougainville (Papua New Guinea)

This project investigates biocultural diversity in several diversity hotspots in the Asia-Pacific region. Drawing on existing materials and fresh field studies, project research will develop a framework to evaluate major elements and mechanisms linking biological and cultural diversity. Field research will involve the active participation of community members and local researchers, particularly those from younger generations. Together we will investigate natural and cultural resources of field regions and analyse the social and natural factors that have contributed to the maintenance and/or degradation of the local environments. The research process will also investigate and engage local activities and social practices that facilitate transmission of ecological knowledge to future generations.



Biocultural Diversity in the Chains of Human-Nature Interaction

A Transdisciplinary Study of the Environmental Impact of Military Activities

TANAKA Masakazu, Kyoto University
Region: Japan and Korea

Photo A barbed-wire fence that divides a military base and local society

The project will analyze the environmental consequences of military activities in Japan and Korea on local residents, exploring local social movements and their proposals for preserving environments and building peace. Our approach is transdisciplinary, but we will use fieldwork to grasp local perspectives and will share our findings through documentary films as well as academic papers. Through our research we hope to achieve a better understanding of the environmental issues related to military activities as well as to establish reliable relationships with local persons that will permit more comprehensive studies and systematic endeavors in the near future.

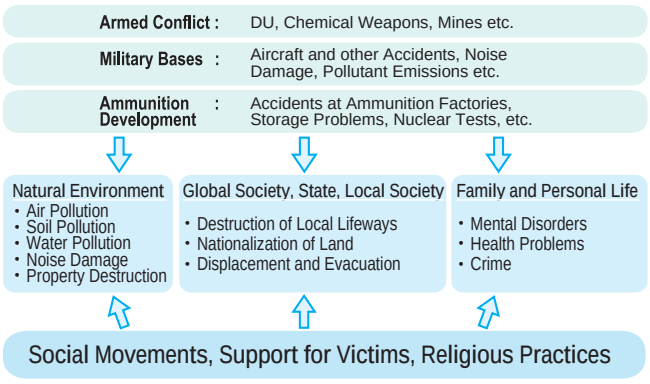
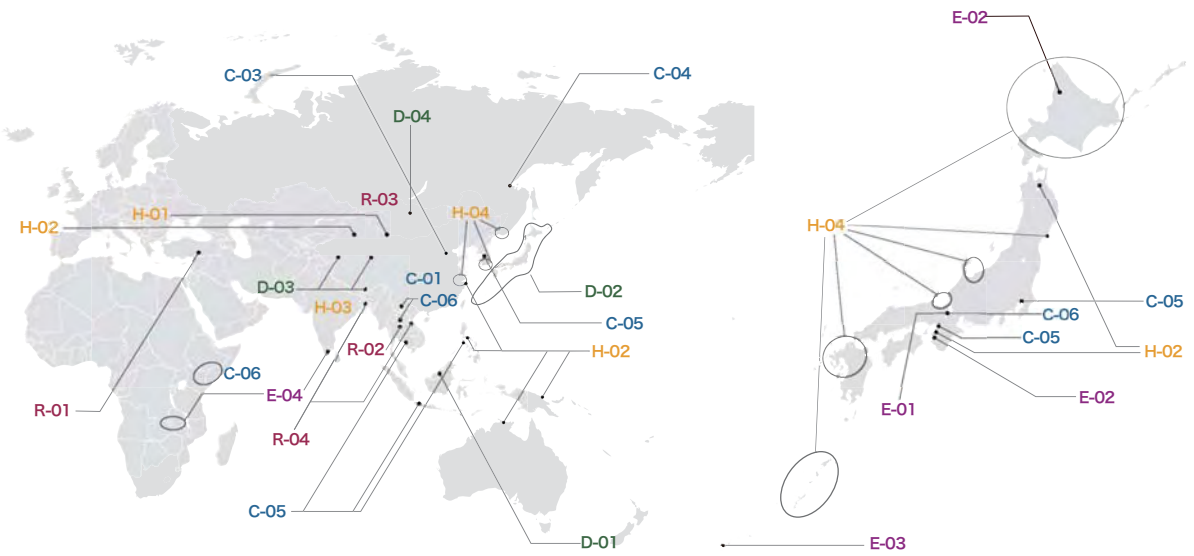


Figure Environmental issues related to the military

Completed Research

When a project moves to CR (Completed Research) status, the contract with RIHN is concluded. Research teams disperse to university research, teaching, and other duties. Project publications and other communications and contributions may follow for several years and are assessed in the final post-evaluation, two years after formal project conclusion. At RIHN, however, each project forms part of the institute's heritage; project results and data are entered into the RIHN archives upon which future RIHN projects may be formulated.

Fiscal Year Completed	Leader	No	Research Project
2006	HAYASAKA Tadahiro	C-01	Emissions of Greenhouse Gases and Aerosols, and Human Activities in East Asia
	KANAE Shinjiro	C-02	Global Water Cycle Variation and the Current World Water Resources Issues and Their Perspectives
	WATANABE Tsugihiro	R-01	Impact of Climate Changes on Agricultural Production System in the Arid Areas
	NAKAWO Masayoshi	H-01	Historical Evolution of the Adaptability in an Oasis Region to Water Resource Changes
	YACHI Shigeo	E-01	Multi-Disciplinary Research for Understanding Interactions between Humans and Nature in the Lake Biwa-Yodo River Watershed
2007	FUKUSHIMA Yoshihiro	C-03	Recent Rapid Change of Water Circulation in the Yellow River and Its Effects on Environment
	ICHIKAWA Masahiro	D-01	Sustainability and Biodiversity Assessment on Forest Utilization Options
	AKIMICHI Tomoya	R-02	A Trans-Disciplinary Study on Regional Eco-History in Tropical Monsoon Asia: 1945-2005
2008	SEKINO Tatsuki	E-02	Interaction between Environmental Quality of the Watershed and Environmental Consciousness
	TAKASO Tokushiro	E-03	Interactions between Natural Environment and Human Social Systems in Subtropical Islands
2009	SHIRAIWA Takayuki	C-04	Human Activities in Northeastern Asia and their Impact on Biological Productivity in the North Pacific Ocean
2010	TANIGUCHI Makoto	C-05	Human Impacts on Urban Subsurface Environments
	YUMOTO Takakazu	D-02	A New Cultural and Historical Exploration into Human-Nature Relationships in the Japanese Archipelago
	SATO Yo-Ichiro	H-02	Agriculture and Environment Interactions in Eurasia: Past, Present and Future
2011	KAWABATA Zen'ichiro	C-06	Effects of Environmental Change on the Interactions between Pathogens and Humans
	KUBOTA Jumpei	R-03	Historical Interactions between Multi-Cultural Societies and the Natural Environment in a Semi-Arid Region in Central Eurasia
	OSADA Toshiki	H-03	Environmental Change and the Indus Civilization
	UCHIYAMA Junzo	H-04	Neolithisation and Modernisation: Landscape History on East Asian Inland Seas
	UMETSU Chieko	E-04	Vulnerability and Resilience of Social-Ecological Systems
2012	OKUMIYA Kiyohito	D-03	Human Life, Aging and Disease in High-Altitude Environments: Physio-Medical, Ecological and Cultural Adaptation in "Highland Civilizations"
	SAKAI Shoko	D-04	Collapse and Restoration of Ecosystem Networks with Human Activity
	MOJI Kazuhiko	R-04	Environmental Change and Infectious Disease in Tropical Asia



Sites of completed research projects

Research Coordination

The Center for Coordination, Promotion and Communication (CCPC) has thus far been responsible for the research, infrastructure, coordination, and management that concern the institute as a whole. As of April 2013, the CCPC is divided into two centers, namely the Center for Research Development (CRD) and the Center for Research Promotion (CRP).

The Center for Research Development (CRD) consists of three units. The Planning Unit is chiefly responsible for establishing RIHN's long term vision and organizing fundamental committees, including project evaluation and personnel affairs. The Initiative Framework Unit serves as a cross-cutting mechanism to capture and synthesize key contributions of domain-based research projects and develop new research projects for RIHN's Futurability Initiatives. The Collaboration Nexus Unit facilitates the internal and external research networks. Its efforts are most recently manifest in the formation of the Global Environmental Change-Japan network described on page 54.

The Center for Research Promotion (CRP) is also divided into three units. The Survey and Analysis Unit develops and maintains the laboratory facilities necessary for research and fieldwork (see page 52). The Informatics Unit builds the databases and archives supporting ongoing research. Finally, the Communication and Production Unit determines how communication regarding RIHN research, processes and outcomes should be established with academic, public and user-specific communities (see pages 50–51).

Science Communication

As a national research institute, RIHN is expected to conduct exemplary science. It also must communicate its research agenda and results to the public and contribute to public awareness and discussion of contemporary environmentalism. A number of public symposia, seminar series, and publications are designed to reach specialist and general audiences. Recent activities and publications include:

The Earth Forum Kyoto and the Earth Hall of Fame Kyoto Award

The Earth Forum Kyoto invites world-renowned experts and activists to discuss the environmental and cultural bases of more responsible human societies. The Earth Hall of Fame Kyoto Award is given to those who have made exemplary contributions to the protection of the global environment. Organizers of the event are the International Institute for Advanced Studies, the Kyoto International Conference Centre, and RIHN.

Dr. Vandana Shiva

Dr. Amory B. Lovins

The 2012 recipients of the Earth Hall of Fame Kyoto Award were Dr. Vandana Shiva, scientist, author, environmentalist and founder of Navdanya, and Dr. Amory B. Lovins, physicist, environmental scientist, Chairman and Chief Scientist of the Rocky Mountain Institute.

RIHN Forum

The RIHN Forum is usually held at the Kyoto International Conference Center and is open to the general public. Since 2004 the proceedings were published as books intended for a general audience.

Creating Connections, 8 July 2012

RIHN International Symposium

An annual symposium at RIHN describing the key findings of concluding RIHN research projects.

Professor Graeme S. Cumming, one of the leaders in the study of resilience of social-ecological systems, taking questions after his keynote address at the 2012 International Symposium.

Complexification and Simplification: Ecosystems, human health and lifestyle in Asia
24-26 October, 2012

RIHN Public Seminars

Public seminars are held throughout the year at RIHN or in the city center.

Search for a new image of the Indus Civilization
11 May, 2012

Environmental Destruction in Southeast Asia and the Future of Our Food
22 June, 2012

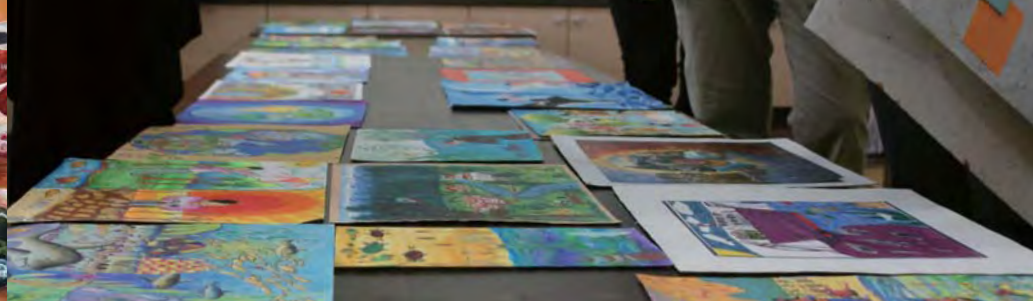
We Stay With Africa: Technical innovations to control desertification
18 January, 2013

RIHN Area Seminars

RIHN Area Seminars take place in, and address specific environmental issues pertaining to, a particular part of Japan.

East Asian Environmental Security: Calling for a Transboundary Solution
10 June, 2012





RIHN Seminars

This seminar series is oriented towards researchers at RIHN, inviting a wide range of visiting scholars to present their most current research. Seminars in 2011 included:

"Yaman ng Lawa" Community-based lake ecology learning centre
Rogelio N. Concepcion, University of the Philippines Los Baños / RIHN Visiting Research Fellow
6 September, 2012

Climate change, agricultural adaptation, and food prices : Evidence from Israel
Ayal Kimhi, Associate Professor, The Hebrew University of Jerusalem / RIHN Visiting Research Fellow
25 September, 2012

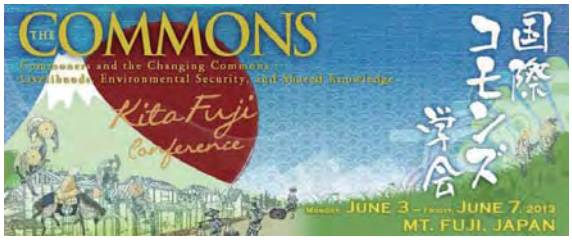
Pastoralism and camel herding in Sudan
Abdelaziz Karamalla Gaiballa, Professor, College of Forestry and Range Science, Sudan University of Science and Technology / RIHN Visiting Research Fellow
28 November, 2012

Carcinogenic health risk of arsenic biomagnification in five commercially important fish from Laguna de Bay, Philippines
Victorio Moina, Associate Professor, University of Philippines Manila/ RIHN Visiting Research Fellow
29 January, 2013

Changes in permafrost dynamics and the influence on landscapes and social adaptation in Eastern Siberia
Alexander Fedorov, Head of Laboratory, Melnikov Permafrost Institute, Siberian Branch of Russian Academy of Sciences / RIHN Visiting Research Fellow
29 January, 2013

2013 Conference of the International Association for the Study of the Commons (IASC)

RIHN is collaborating with the Onshirin Regional Public Association, a group of Japanese commoners, and the International Association for the Study of the Commons (IASC) to organize the principal international conference of the broad community of scholars examining the use and governance of common property and shared resources.
The 2013 conference is to take place on common lands located on the north slope of Mt. Fuji, and is Co-Chaired by Professor Margaret McKean (Duke University), and RIHN Professor Tomoya AKIMICHI.



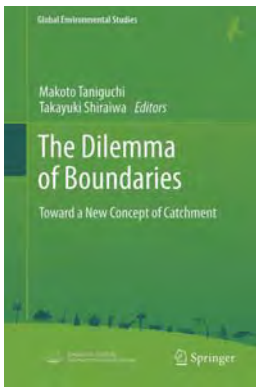
2013 GIAHS International Forum

RIHN is a co-organizer, with the Government of Ishikawa Prefecture and Japan's Ministry of Agriculture, Forestry and Fisheries, of the 2013 International Forum on Globally Important Agricultural Heritage Systems (GIAHS). GIAHS, a program run by the Food and Agriculture Organization of the U.N., signals the importance of small-scale agriculture for local food security, biodiversity conservation, and landscape integrity. The Forum, which occurs every two years, gathers experts in the field together with representatives of GIAHS sites from around the world in order to celebrate agricultural heritage, invite new communities into the network, and think strategically about the individual and collective experience of such systems in the 21st century.

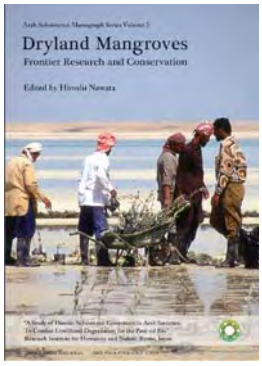
GIAHS
Globally Important Agricultural Heritage Systems

RIHN Book Series: Global Environmental Studies

RIHN has partnered with Springer Publishers to establish the Global Environmental Studies book series. Titles in the series will reflect the full breadth of RIHN scholarship.



Other publishing



Project research may be published in several languages as was this bilingual English-Arabic monograph from the Arab Subsistence Project (R-05), which also publishes in French and Swahili.

Research Facilities

Research rooms on the RIHN campus are designed to provide a sense of openness. The design concept is to allow implemented projects to be loosely interconnected as they occur in one large curved space 150 meters in length. The facilities help external researchers as well as RIHN research staff to meet one another, since they are designed with the maximization of shared use in mind. At the center of the main building, a library and computer room are located for the convenience of many users, and three common rooms are provided for casual discussions. On the basement floor, a cluster of fully functional laboratories has been designed with emphasis on convenience for shared use, as with the research rooms.
The separate RIHN House is a guesthouse. The assembly hall and a dining lounge located to the left of the house entrance serve as meeting spaces for the RIHN staff as well as for guests.
Appropriately for an institution researching the global environment, RIHN is housed in a tile-roofed building suited to the Kyoto landscape, where as many as possible of the trees already on the site have been retained. Lighting and air-conditioning also employ the latest designs to minimize the building's impact on the environment. The design has won acclaim, receiving awards from the Illumination Engineering Institute of Japan, the Japan Institute of Architects, the Green Building Award from MIPIM Asia, and the Architectural Institute of Japan.

Management

RIHN researchers work across the breadth of global environmental studies. If the diverse knowledge they produce is the warp, then the unifying weft is provided by field measurement, laboratory analysis, data and information management, and academic and social communication of research progress and results. In maintaining and supporting RIHN research capacity to collect and analyze data and to communicate research in numerous professional and public fora, the Center for Research Promotion enhances our collaborative research around the world and contributes the kind of integrated knowledge that can solve global environmental problems.

Laboratories

RIHN research projects are multi-disciplinary and multimethod; in common they share the need for high quality physical observation and chemical and biological analysis of the surface environments of the earth. As a national institute, RIHN houses eighteen basement laboratories designed to address this need. There are state-of-the-art laboratories dedicated to microscopic, DNA and stable isotope analysis. Additional facilities include two fieldwork preparation rooms for storage and maintenance of observational and sampling equipment, three low-temperature rooms for organism and ice core storage, three incubator rooms for storage of organisms requiring specific temperatures, and a clean room in which samples can be processed in a contamination-free environment.

Instruments

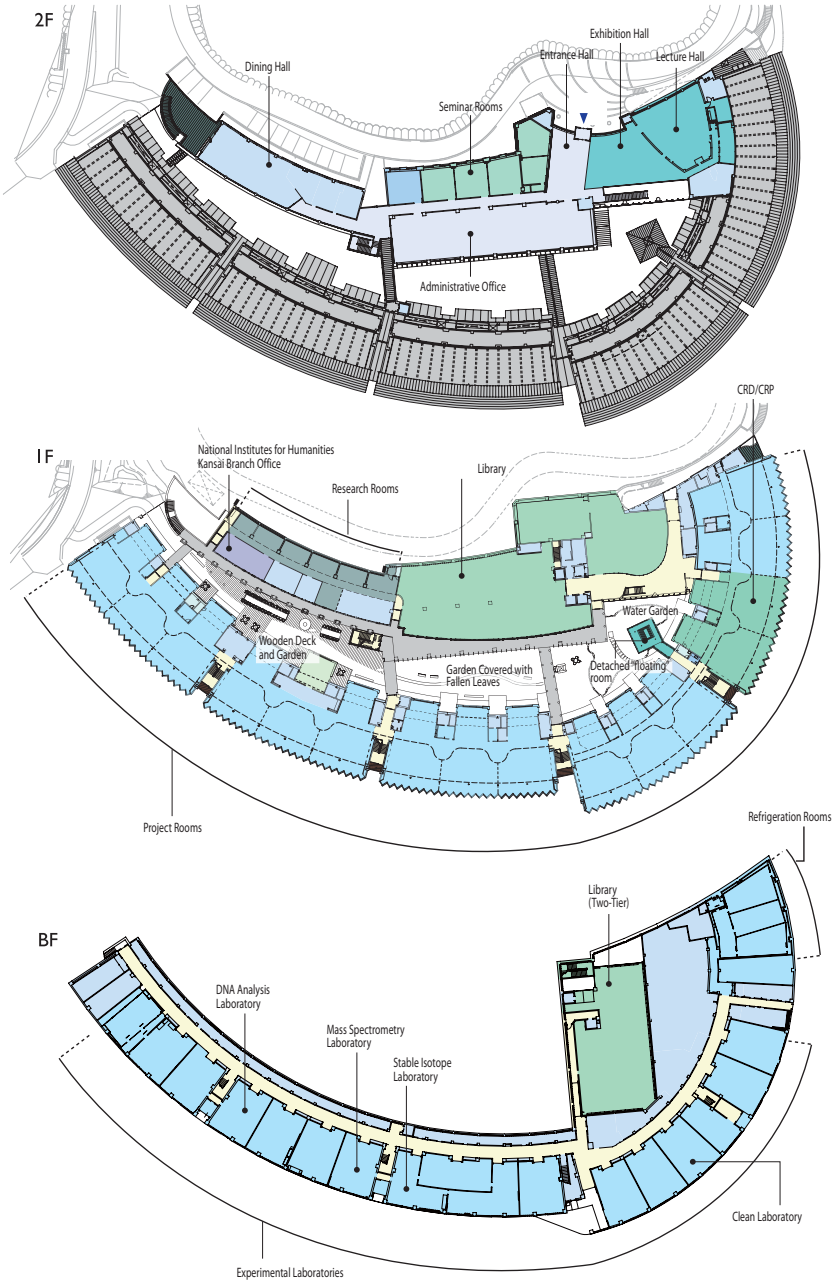
RIHN research projects conduct a variety of studies around the world and collect a diverse range of samples that contain valuable information that will help illuminate human-nature interactions. Stable isotope and DNA data in particular can give very precise descriptions of how materials and species interact, change, and move through time and space. In addition to maintaining state-of-the-art laboratories, the Measurement and Analysis Division continues to develop new methods of data analysis and application.
In conducting this research in collaboration with RIHN projects and universities and affiliated institutions throughout Japan, the division enhances the sophistication of experimental techniques and research information and promotes the shared use of facilities.

Main building

Main entrance hall

Basement laboratories

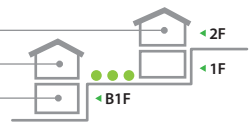
The RIHN House with one-, two-, and three-bedroom apartments for guest researchers and their families.



2F
Main Entrance Hall
Administration
Lecture Hall
Seminar Rooms
Dining Hall

1F
Employee Entrance
Research Project Rooms
CRD/CRP
Library
Media Center
National Institutes for the Humanities Kansai Office

Basement
Laboratories
Book Repository
Field Research Equipment and Facilities
Cold Storage



RIHN-China

With support from the National Institute for the Humanities' Center for the Promotion of Area Studies, RIHN maintains the Research Initiative for Chinese Environmental Issues, a key node for promoting environmental studies on China and networking scholars concerned with environmental issues there. A RIHN-China Newsletter is published in Japanese and Chinese. RIHN-China also supports a series of symposia, held in both China and Japan, on critical environmental topics in China and East Asia. In 2012-13, among other activities, RIHN-China scholars participated in a workshop at East China Normal University and attended the 3rd Lecture on Global Environmental Studies at Peking University. We are pleased to announce the signing of Memoranda of Understanding with both institutions.

Photos (counterclockwise from top):
The International Symposium on "The Past, Present and Future of Lakes" in Shanghai Jiao Tong University in January 2013.
The signing ceremony for the RIHN MOU with East China Normal University in January 2013.
RIHN-China News Letter No.19.

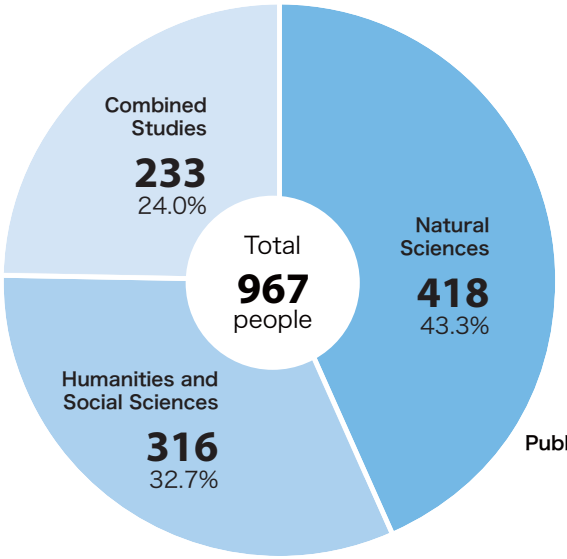
GEC Japan

GEC-Japan is a networking platform created in 2011 to facilitate and promote institutional and research collaboration among Japanese and international representatives of the four Global Environmental Change Programs: the International Human Dimensions Programme (IHDP), DIVERSITAS, the International Geosphere-Biosphere Program (IGBP), and the World Climate Research Program (WCRP).

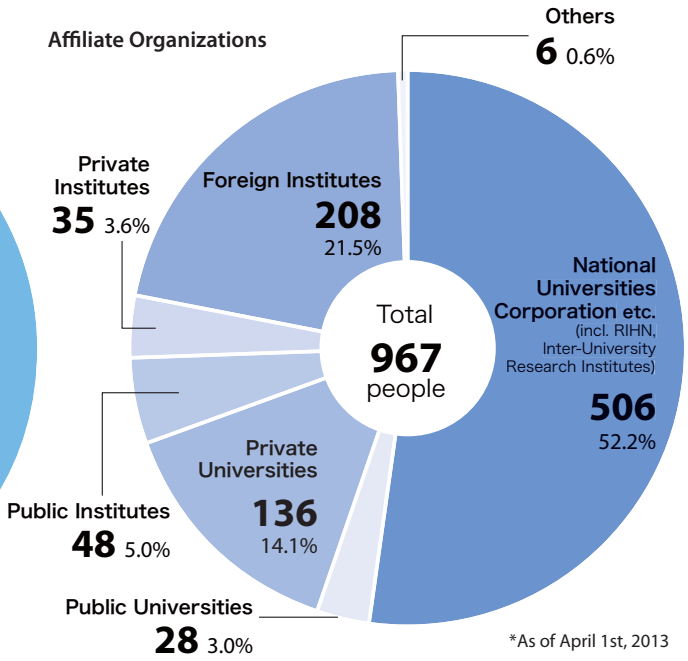
As the landscape of international environmental research is changing rapidly, RIHN actively consults with key actors and institutions in order to ensure that, while retaining its specific qualities, RIHN's research and institutional trajectory are broadly consistent with international currents and priorities. To this end RIHN hosted the 5th meeting of the Belmont Forum in January 2012, and many RIHN researchers attended the Planet Under Pressure conference in March 2012. The GEC-Japan platform is to support and promote dialogue among scholars interested in global change issues and transdisciplinary actions in Asia.

Research Collaboration

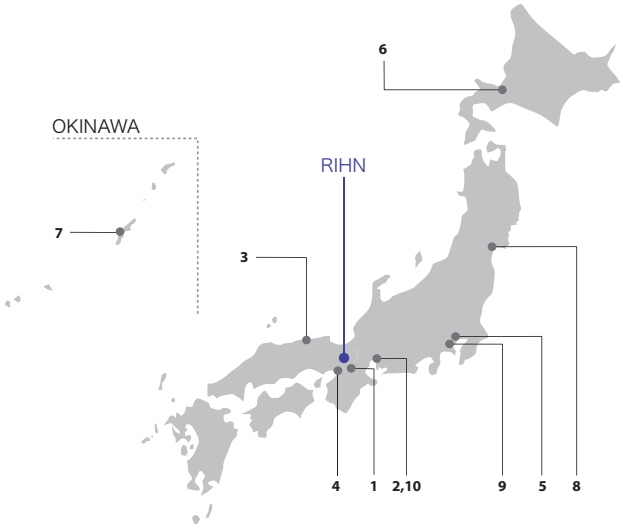
Research Areas



Affiliate Organizations



*As of April 1st, 2013



Collaboration in Japan

1. Center for Ecological Research, Kyoto University
2. Hydrospheric-Atmospheric Research Center, Nagoya University
3. Arid Land Research Center, Tottori University
4. National Museum of Ethnology
5. Institute of Industrial Sciences, the University of Tokyo
6. Institute of Low Temparature Science, Hokkaido University
7. Tropical Biosphere Research Center, University of the Ryukyus
8. Graduate School of Science, Tohoku University
9. Graduate School and Research Institute of Environment and Information Sciences, Yokohama National University
10. Graduate School of Environmental Studies, Nagoya University

International Collaboration

Memoranda of Understanding and Research Cooperation Agreements (As of April 1st, 2013, including CR projects)

*MOU signed in 2012

ALGERIA
Centre National de Développement des Ressources Biologiques (R-05)

BANGLADESH
International Centre for Diarrhoeal Disease Research (R-04)

CHINA
East China Normal University* (RIHN-CHINA)
Peking University* (RIHN-CHINA)
Yunnan Health and Development Research Association (R-04)

EGYPT
National Water Research Center (NWRC)* (C-09-Init)

FRANCE
La Fondation Maison des Sciences de l'Homme (R-02)

INDIA
Institute of Rajasthan Studies, JRN Rajasthan Vidyapeeth(R-07)
Maharaja Sayajirao University of Baroda (H-03)

INDONESIA
Bogor Agricultural University (C-08)
Hasanuddin University (C-09-Init)
Indonesian Institute of Sciences (C-08)
Universitas Indonesia (C-08)

KENYA
National Museums of Kenya (C-06)

LAOS
National Agriculture and Forestry Research Institute (H-02)
National Institute of Public Health, Ministry of Health (R-04)

NIGER
International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), West and Central Africa (R-07)

PHILIPPINES
University of the Philippines Visayas (D-05)

RUSSIA
Far Eastern National University (H-04)
Institute for Biological Problems of Cryolithozone (C-07)
Institute of Humanitarian Research and the Problems of the Northern Minority Peoples (C-07)
The Melnikov Permafrost Institute of Siberian Branch of the Russian Academy of Sciences (C-07)

SOUTH KOREA
Institute of Islands Culture (D-02)

SUDAN
Red Sea University (R-05)
Sudan University of Science and Technology (R-05)

SWEDEN
The Sven Hedin Foundation (H-02)

THAILAND
Faculty of Fisheries, Kasetsart University (D-05)
Rice Department, Ministry of Agriculture and Cooperatives (H-02)
The Southeast Asian Fisheries Development Center (D-05)

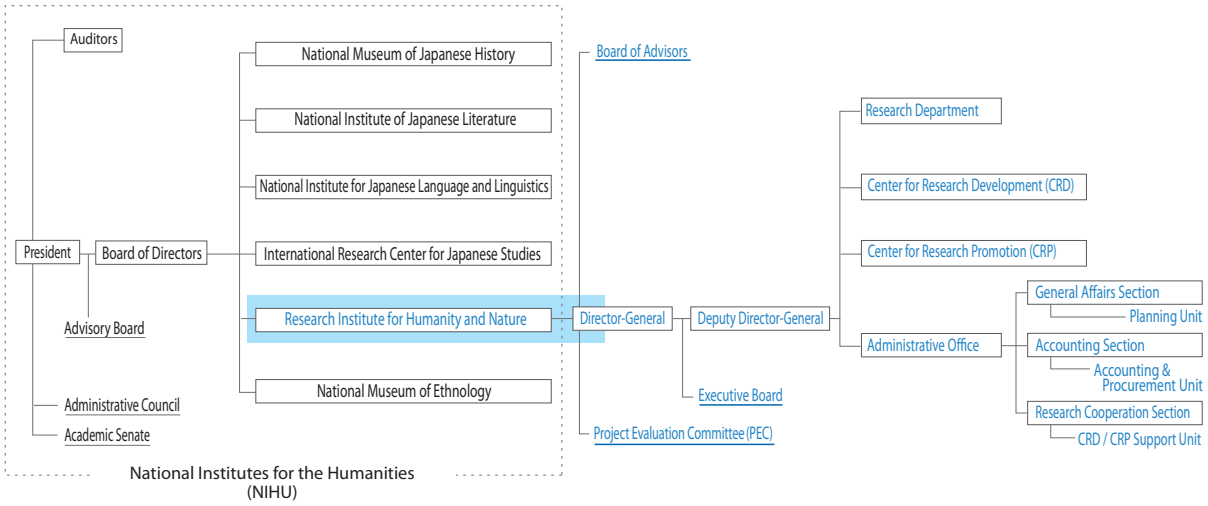
TURKEY
Adiyaman University (C-09-Init)
Çukurova University (C-09-Init)
Harran University (C-09-Init)

UNITED KINGDOM
Sainsbury Institute for the Study of Japanese Arts and Cultures (H-04)
London School of Hygiene and Tropical Medicine (R-04)

UNITED STATES OF AMERICA
Mote Marine Laboratory* (E-05-Init)
University of the Virgin Islands* (E-05-Init)

ZAMBIA
Zambia Agricultural Research Institute, Ministry of Agriculture and Livestock (R-07)

Administrative Structure



Financial Information

Segmental Financial Information (Fiscal Year 2011)

Operating Expenses

Category	Amount (Yen in thousands)
Operating Expenses	2,052,338
Inter-University/Joint Research	963,206
Outsourced Studies	93,927
Outsourced Operations	53,712
Personnel	941,491
General Management	139,805
Financial Expenses	53,309
Total Expenses	2,245,452

Operating Income

Category	Amount (Yen in thousands)
Subsidy for Operation	2,020,492
Contract Operations, etc.	64,396
Donations	16,345
Others	169,234
Total Earnings	2,270,469

Operational Balance 25,016

External Sources of Funding

(Fiscal Year 2011)

Category	Amount (Yen in thousands)
Fund for Promotion of Academic and Industrial Collaboration	65,413
Grants-in-Aids for Scientific Research	70,700
Donations for Research	7,430

* Fund for Promotion of Academic and Industrial Collaboration is the sum of contract research and joint research expenses.

Board and Committees

*As of April, 2013

Board of Advisors

Oversees personnel, planning, administration and operation of the institute

FUJIOKA Ichiro
President, Kyoto Sangyo University
FURUSAWA Iwao
President, Tottori University of Environmental Studies
KAWAI Shuichi
Dean, Graduate School of Advanced Integrated Studies in Human Survivability, Kyoto University
KONAGAYA Yuki
Professor, Department of Social Research, National Museum of Ethnology
OTSUKI Kyoichi
Professor, Faculty of Agriculture, Kyushu University
WASHIDA Kiyokazu
Professor, Department of Philosophy, Faculty of Letters, Otani University
WASHITANI Izumi
Professor, Graduate School of Agricultural and Life Sciences, the University of Tokyo
KADA Ryohei
Professor, RIHN
KUBOTA Jumpei
Director, CRD, RIHN
Program Director, RIHN
NAKANO Takanori
Director, CRP, RIHN
SATO Tetsu
Program Director, RIHN
SATO Yo-Ichiro
Deputy Director-General, RIHN
Program Director, RIHN
TANIGUCHI Makoto
Program Director, RIHN

Project Evaluation Committee (PEC)

External review of research project proposals

Domestic

KOIKE Isao
Inspector General, University of the Ryukyus / Professor Emeritus, the University of Tokyo
NAKAMURA Masami
Professor, Edogawa University / Former Senior Staff Writer, Editorial Bureau, Nihonkeizai Shimbun Inc.
NAKANISHI Hisae
Professor, Graduate School of Global Studies, Doshisha University
UETA Kazuhiro
Dean, Graduate School of Economics and Faculty of Economics, Kyoto University
WASHIDA Kiyokazu
Professor, Department of Philosophy, Faculty of Letters, Otani University
YAMAGATA Toshio
Director, Application Laboratory, Japan Agency for Marine-Earth Science and Technology / Professor Emeritus, the University of Tokyo
YASUOKA Yoshifumi
External Auditor, Research Organization of Information and Systems
YOKOYAMA Toshio
Vice-President, Shiga University

Overseas

BELLWOOD, Peter
Professor, School of Archaeology and Anthropology, the Australian National University, Australia
CHUN Kyung-soo
Professor, Department of Anthropology, Seoul National University, Korea
FU Congbin
Director, Institute for Climate and Global Change Research, School of Atmospheric Science, Nanjing University, China
LOVEJOY, Thomas E.
President, the H. John Heinz III Center for Science, Economics and the Environment, USA
McDONALD, Anne
Professor, Graduate School of Global Environmental Studies, Sophia University, Japan
RANDALL, Roland
Life Fellow, Girton College, University of Cambridge, UK
SCHOLZ, Roland
Professor Emeritus, Natural and Social Science Interface, Institute for Environmental Decisions, Swiss Federal Institute of Technology Zurich, Switzerland

Executive Board

Oversees administrative operation of the institute

YASUNARI Tetsuzo
Director-General
SATO Yo-Ichiro
Deputy Director-General
Program Director
KUBOTA Jumpei
Director, CRD
Program Director
NAKANO Takanori
Director, CRP
SATO Tetsu
Program Director
TANIGUCHI Makoto
Program Director
IBUKA Junji
Director, Administrative Office

Advisor

TACHIMOTO Narifumi

Emeritus Professor

NAKANISHI Masami
WADA Eitaro
HIDAKA Toshitaka
NAKAWO Masayoshi
FUKUSHIMA Yoshihiro
AKIMICHI Tomoya
KAWABATA Zen'ichiro
OSADA Toshiki

RIHN Staff

DIRECTOR-GENERAL YASUNARI Tetsuzo
DEPUTY DIRECTOR-GENERAL SATO Yo-Ichiro

ADMINISTRATIVE OFFICE

ADMINISTRATIVE DIRECTOR IBUKA Junji

GENERAL AFFAIRS SECTION

Head IWASAKA Yutaka
Deputy Head IZUMORI Yoshihiro
General Affairs Subsection
Head UEMURA Hiroki
Chief HARA Akiko
Personnel Subsection
Head SUMITA Emi
Clerk KIDA Yoshimi
Clerk TANAKA Mika
Planning Unit
Head IZUMORI Yoshihiro
Public Relations Subunit
Clerk HONDA Tomoko
Clerk NAKAOHJI Yu

ACCOUNTING SECTION

Head YOSHIDA Takashi
Deputy Head FUJIWARA Koichi
Financial Planning Subsection
Head YAMAGATA Satoshi
Clerk HONDA Takayuki
Facility Management Subsection
Head UMEGAMI Tatsushi
Accounting & Procurement Unit
Head FUJIWARA Koichi
Procurement Subunit
Head SAKODA Fumiyo
Accounting Subunit
Head FUKAO Hidemasa

RESEARCH COOPERATION SECTION

Head BANJOE Yoichi
Research Cooperation Subsection
Head SHINNO Masato
Clerk KOGISO Ayana
International Affairs Subsection
Head BIVONE Junko
CRD/CRP Support Unit
Head BANJOE Yoichi
CRD Support Subunit
Chief ZENIZUKA Rie
Clerk TSUJI Hanako
CRP Support Subunit
Head YAMAMOTO Hiroshi

RESEARCH DEPARTMENT

Program Directors

KUBOTA Jumpei
SATO Tetsu
SATO Yo-Ichiro
TANIGUCHI Makoto

Professors

KADA Ryohei	Agricultural Policy, Environmental Economics
KUBOTA Jumpei	Hydrology
MOJI Kazuhiko	Human Ecology
MURAMATSU Shin	Architectural History, Urban History
SATO Tetsu	Local Environmental Studies, Conservation Ecology
TANIGUCHI Makoto	Hydrology

Associate Professors

HIYAMA Tetsuya	Ecohydrology
ISHIKAWA Satoshi	Conservation Ecology, Global Fisheries Science
KIKUCHI Naoki	Environmental Sociology
NAWATA Hiroshi	Cultural Anthropology
OKUMIYA Kiyohito	Field Medicine
TANAKA Ueru	Agricultural Studies

Visiting Professors

ARIMA Makoto	Petrology
HABU Junko	Environmental Anthropology, Historical Ecology, East Asian Archaeology
HIMIYAMA Yukio	Geography
KATO Tsuyoshi	Comparative Sociology
KITAGAWA Hideki	Environmental Policy
MORI Soichi	Science and Technology Policy, Global Sustainability
NAKAGAMI Ken'ichi	Environmental Economics and Policy
NAKATSUKA Takeshi	Biogeochemistry, Paleoclimatology
ONISHI Masayuki	Linguistics, Language Education
OSADA Toshiki	Linguistics
TANAKA Masakazu	Cultural Anthropology
UCHIBORI Motomitsu	Cultural Anthropology
YONEMOTO Shohei	History and Philosophy of Science

Visiting Associate Professors

ISHIKAWA Mamoru	Geography
KISHITA Yusuke	Scenario Design
OKUDA Noboru	Ecology
SHIRAIWA Takayuki	Glaciology
UCHIYAMA Junzo	Environmental Archaeology, Landscape History

Visiting Reseach Fellows

GALVEZ TAN, Jaime	Public Health
HENNY, Cynthia	Environmental Science,Engineering
RANOLA, Roberto Jr. Dela Fuente	Resource Economics
SETIAWAN, Budi Indra	Soil Physics, Hydrology

Senior Project Researchers

C-07 FUJIWARA Junko	Cultural Anthropology
C-07 SAKAI Toru	Satellite Ecology
D-05 TAKAGI Akira	Fisheries Science, Molecular Ecology
R-06 MASUDA Tadayoshi	Agricultural & Resource Economics

Project Researchers

C-08 HAYASHI Kengo	Southeast Aian Architectural History, Urban History
C-08 MATSUDA Hiroko	Southeast Aian Architectural History, Urban History
C-08 MEUTIA, Ami Aminah	Hydorology
C-08 MIMURA Yutaka	Architectual History, Urban History, GIS
C-08 UCHIYAMA Yuta	Architectural History, Urban History
C-09 HAMASAKI Hironori	Water Governance, IWRM
C-09 HASHIMOTO (WATANABE) Satoko	Soil Science
C-09 IMAGAWA Chie	Hydrology
D-05 OKAMOTO Yuki	Agricultural Systems
D-05 WATANABE Kazuo	Area Studies
D-05 YAP, Minlee	Coral Reef Ecology
R-04 JIANG, Hongwei	Human Ecology
R-05 ICHIKAWA Kotaro	Bioacoustics
R-05 ISHIYAMA Shun	Cultural Anthropology
R-05 NAKAMURA Ryo	Cultural Anthropology
R-06 YAOTA Kiyoyuki	Spatial Econometrics, GIS
R-07 ENDO Hitoshi	Archaeology
R-07 ISHIMOTO Yudai	Ecological Anthropology
R-07 MIYAZAKI Hidetoshi	Soil Science
R-07 SASAKI Yuko	Rural Development
R-07 SHIMIZU Takao	Cultural Anthropology
R-07 TESHIROGI Koki	Geography
E-05 ISHIHARA Hiroe	Environmental Sociology, Ecological Economics
E-05 NAKAGAWA Chigusa	Environmental Sociology
E-05 TAKEMURA Shion	Landscape Ecology

Project Research Associates

C-07 SHIMIZU Hiromi
C-09 KATO Hisaaki
C-09 KOYAMA Masami
R-05 HAFIZ KOURA, Hafiz Mohamed Fathy
R-05 MIZUMA Sakiko
R-05 OKAMOTO Yoko
R-05 WANG Na
R-06 MIYAKAWA Chie
R-06 OKAMOTO Takako
R-06 TSUWA Saeka
R-07 KIHIRA Tomoe
E-05 FUKUSHIMA Atsuko

Center for Research Development (CRD)

DIRECTOR KUBOTA Jumpei

Heads of Units

Initiative Framework Unit	KUBOTA Jumpei
Collaboration Nexus Unit	TANIGUCHI Makoto
Planning Unit	SATO Yo-Ichiro

Professors

KUBOTA Jumpei	Hydrology
MALLEE, Hein	Social Science
SATO Tetsu	Local Environmental Studies, Conservation Ecology
SATO Yo-Ichiro	Plant Genetics
TANIGUCHI Makoto	Hydrology

Associate Professors

HANDOH Itsuki C.	Earth Systems Science, Mathematical Modeling
KURATA Takashi	Philosophy

Assistant Professors

MCGREEVY, Steven Robert	Rural Sustainable Development

Research Fellow, NIHU Center for Area Studies / RIHN Initiative for Chinese Environmental Issues (RIHN-China)

FUKUSHI Yuki	Modern Chinese History

Center for Research Promotion (CRP)

DIRECTOR NAKANO Takanori

Heads of Units

Survey and Analysis Unit	NAKANO Takanori
Informatics Unit	SEKINO Tatsuki
Communication and Production Unit	ABE Ken-ichi

Professors

ABE Ken-ichi	Ecological Anthropology
NAKANO Takanori	Isotope Environmental Studies

Associate Professors

SEKINO Tatsuki	Information Science
TERADA Masahiro	History, Museum Anthropology

Assistant Professors

KUMAZAWA Terukazu	Environmental Planning, Regional Informatics
MINAMI Yoshitaka	Informatics
NAITO Daisuke	Southeast Asian Area Study, Political Ecology
NILES, Daniel	Geography
SHIN Kicheol	Petrology, Geochemistry, Isotope Geology
YASUTOMI Natsuko	Meteorology, Climatology

Access

By City Subway

From Kyoto Station, take the Karasuma Line to Kokusaikaikan Station (the last station), and transfer to Kyoto Bus.

By Kyoto Bus

From Kokusaikaikan Station, take bus No. 40, 50 or 52 to Chikyuken-mae.
RIHN is at the base of the hill on your left.

By Eizan Railway

From Demachiyanagi Station in Kyoto City, take the Kurama Line.
Get off at Kyoto-Seikadai-mae Station.
RIHN is a 10-minute walk from the station.