

Director-General



TACHIMOTO, Narifumi

- Background: Southeast Asian area studies, socio-cultural eco-dynamics, sociology and anthropology
- Current Topics: Global humanics of the environment

I have been involved in area studies concerning Malaysia, Indonesia, and other Southeast Asian countries since the 1960s. Defining area studies as the science of space design based on socio-cultural eco-dynamics, I have directed my efforts toward the integration of natural, social, and cultural sciences. I have also been searching for a solution to the question of why the concept of 'area' is given theoretical precedence in setting up the aforementioned research field. Although my subject area has been limited to Southeast Asia, I try to keep other parts of the world in sight, viewing Oceania needless to say, and China, India, Africa, Europe, and Americas, as extensions of Southeast Asia. As a summation of area studies, I intend to strive to construct global humanics of the environment as a discipline.



AKIMICHI, Tomoya

- Deputy Director-General, Professor, Project 4-2FR
- Background: Ecological anthropology, Ethno-biology

This is our final year of the research, which has been conducted in Yunnan, southwestern China, Thailand and Laos. By the end of March 2008, we expect to release several books on our overall research outcomes in Japanese, English and Chinese.



CHENG, Zhi

- Senior Researcher, Project 4-5FR
- Background: Central Eurasia history

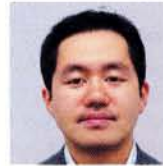
I will try to clarify historical interactions of human activities and natural systems in arid to semi-arid regions of Central Eurasia, focusing on man-made trans-boundary issues, which are relevant to current environmental issues.



ANDO, Atsushi

- Researcher
- Background: Geology, Paleontology, Isotope geochemistry, Paleoceanography

I wish to promote multidisciplinary and original research of the Earth's environments here at RIHN, by using stable isotopes as an integrative means for understanding nature.



ENDO, Takahiro

- Assistant Professor, Project 2-4FR
- Background: Political science

I am trying to look at water problems by focusing on the role of government. I am concerned with the role of government in water rights markets and groundwater management.



BAUSCH, Ilona

- Invited Research Fellow, Project 4-4FR
- Background: Japanese studies, Archaeology, History

My research focuses on interaction and trade around the Japan Sea and East China Sea coastal areas in East Asia, which have had a strong impact on society, environment and landscape perception from prehistoric until modern times.



FUKUNAGA, Kenji

- Senior Researcher, Project 2-5FR
- Background: Crop evolution, Plant genetics

I am investigating historical relationships between agriculture and environments based on genetic data of cultivated plants and archaeological, historical and ethnological records.



BORRÉ, Caroline

- Researcher, Project 4-4FR
- Background: Japanese ethnology

Using fish folklore, I want to examine the meaning of "water" within Japanese culture and how it has changed throughout time. By doing this, I hope to clarify the interrelationship between mental and physical landscapes in Japan.



FUKUSHIMA, Yoshihiro

- Professor, Project 1-2FR
- Background: Hydrology

A hydrological model was built for estimating differences of forest coverage on river flow formation in a mountain watershed. In the Yellow River, effects of human activities are to be evaluated on the expanded model.



- Researcher
- Background: Earth system sciences, Mathematical modelling

Driven by my belief, "Do our Science within non-Science" I am interested in mathematical modelling of the earth-system processes such as the interactions between anthropogenic activities and climate dynamics.

HANDOH, Itsuki C.



- Researcher, Project 4-2FR
- Background: Historical geography, Folklore, Fishery social history

I have studied Fishery social history in Asia, especially sea tenure, the technical methods of fishing, and the social structure in fishing villages. I aim to develop a methodology of eco-history, of the relation between humanity and nature.

HASHIMURA, Osamu



- Senior Researcher, Project 2-2FR
- Background: Environmental education, Tropical ecology, Population ecology

Making full use of my experience in a museum, I aim to develop teaching materials on biodiversity, in a way that is interesting and easy to understand for undergraduate students.

HATADA, Aya



- Professor, Project 2-7FS
- Background: Atmospheric physics

I am interested in global warming issues, particularly the relationship between the globalization of socio-economic activities and emissions of greenhouse gases and aerosols, and the effects on climate change.

HAYASAKA, Tadahiyo



- Researcher, Project 5-2FR
- Background: Rural planning, Irrigation engineering

I have been studying the maintenance of ponds and the activation of rural areas. People's awareness of the environment may be a double-edged sword. I would like to elucidate this carefully.

HAYASHI, Naoki



- Researcher, Project 5-4FR
- Background: Microbial ecology, Limnology

In our project we try to reveal the relationships between environmental changes caused by human activities and spread of infectious diseases. I want to reveal the environmental factors affecting viral dynamics and survivability in freshwater environments.

HONJO, Mie



- Research Associate, Project 5-3FR
- Background: Landscape design

I will facilitate the communication among researchers, and researchers and society, based on experiences of NPO activities.

HOSOI, Mayumi



- Researcher, Project 2-5FR
- Background: Archaeobotany, Ethnoarchaeology

Studying how people organize agricultural activities reflecting the social structure, in prehistoric contexts (incipient agricultural society) and in modern contexts such as Bali, Papua New Guinea.

HOSOYA, Leo Aoi



- Invited Research Fellow, Project 2-4FR
- Background: Geothermics, Climate change

I am a scientist with broad research interests around temperature. In addition to climate change, urban heat islands, terrestrial heat flow, and the lunar thermal environment, I am even curious as to whether cherry blossom season is more sensitive to soil temperature than to air temperature.

HUANG, Shaopeng



- Researcher, Project 5-3FR
- Background: Ecology

I wish to deepen the understanding of the relationship between environments and organisms, including human beings by utilizing my previous experience.

HYODO, Fujio



- Research Associate, Project 5-4FR
- Background: Plant breeding

How does the destruction of nature change our lives? Do we sense that we are missing something? I want to research the relationship between humans and nature from a naturalistic point of view.

IBUKI, Naomi



- Associate Professor, Project 2-2FR
- Background: Area study

I have studied the use of natural resources by native people of Sarawak, Malaysia. Has the effect of the market economy and development policies changed the usage of resources considerably or has this usage remained the same in its core? This is my area of interest to further the studies of RIHN.

ICHIKAWA, Masahiro



- Visiting Professor, NHK Special Program center, Executive Producer, Project 2-5FR

I am interested in the relations between civilization and nature. I hope to use the experience of having made several NHK TV programs.

INOUE, Takashi



- Research Associate, Project 1-3FR
- Background: English literature, Home economics

I make the most of the knowledge and experience that I have cultivated, aiming at smooth administration of this project. I will positively assist the Resilience Project.

IRYIE, Yuki



ISHITOBI, Tomotoshi

- Research Associate, Project 2-4FR
- Background: Hydrogeology

I have been studying submarine groundwater discharge (SGD), which is the end of the groundwater flow system. In this study, I will not only include water transport but also material transport such as contaminants.



KIMOTO, Yukitoshi

- Senior Researcher, Project 3-2FR
- Background: Plant morphology, Plant anatomy, Plant phylogeny

I am interested in diversity and functions of external/internal structures of reproductive organs in angiosperms – flowers and fruits (seeds), as well as the relationships between plants and their partners.



JAGO-ON, Karen Ann Bianet

- Research Associate, Project 2-4FR
- Background: Socioeconomics

Meta-data on natural and social sciences in Asia will be analyzed to evaluate environmental problems in cities from a socioeconomic point of view.



KINOSHITA, Tetsuya

- Professor, Project 1-2FR
- Background: History of Chinese philosophy

I want to investigate the role human thought has played and is playing in the relationship between human and nature.



KATO, Yuzo

- Assistant Professor, Project 4-5FR
- Background: Chinese legal history

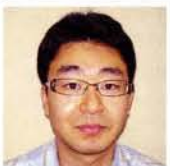
I am interested in studies that are out of existing structures. I intend to reconstruct the “environment” including the social milieu in a historical context, and present it in writing.



KOHMATSU, Yukihiro

- Assistant Professor, Research Promotion Center
- Background: Ecology, Geography

I aim to develop the methodology for interdisciplinary studies based on the methods of geography by which any study of materials and matters focuses on spatial problems.



KATSUYAMA, Masanori

- Senior Researcher, Project 5-2FR
- Background: Forest hydrology

To build scenario questionnaires, I will apply our Response-Prediction model, which describes responses in forest, river, and lake environments to some impacts or disturbances.



KUBOTA, Jumpei

- Associate Professor, Project 4-5FR, 2-3FR
- Background: Forest hydrology

I will try to clarify historical interactions of human activities and natural systems in arid to semi-arid regions of Central Eurasia, focusing on man-made trans-boundary issues, which are relevant to current environmental issues.



KAWABATA, Zen'ichiro

- Professor, Project 5-4FR
- Background: Microbial ecology, Aquatic ecosystem ecology

I will try to clarify the interactions between pathogens and humans and pathogens in degraded freshwater ecosystems in order to promote aquatic environments which ensure the well-being of humans and wild life organisms.



KURATA, Takashi

- Researcher, Project 2-5FR
- Background: Philosophy, Environmental thought, Theory of arts and crafts

Based upon modern phenomenological thought, I'd like to investigate philosophically what the ideal relationship between human beings and matter or nature in our time, is.



KAWAGUCHI, Tamaki

- Research Associate, Project 2-3FR
- Background: Fine art, Web design

My task in the Amur-Okhotsk Project is to develop a web site in order to compile and present the results of the project. I will make the web site as user-friendly as possible so that people can utilize our results efficiently.



KUROKAWA, Shoko

- Research Associate
- Background: Environmental sociology

I work to accurately measure the outcomes of a variety of projects and manage the correspondence that may be applied for such projects. By leveraging my experiences, I am looking forward to contribute to managing better and better project developments.



KAWAMOTO, Haruko

- Researcher
- Background: Radar meteorology, Low temperature physics

I draw the grid map of Asia from rain gauges. In terms of precipitation, I am engaged in creating some dataset to carry out climate variation analysis.



LEKPRICHAKUL, Thamana

- Senior Researcher, Project 1-3FR
- Background: Health, Demographics, Development and Managerial Economics

I am currently investigating issues relating to socio-economic-ecological resilience, adaptive capacity building and poverty reduction strategies of African economies under variable agro-climatic environment.



LINDASTRÖM, Kati

- Researcher, Project 4-4PR
- Background: Semiotics, Cultural anthropology

Using historical materials and anthropological data, I am researching changes in landscape perception and the use of landscape imagery during the epochs of abrupt cultural change.



MOMOKI, Akiko

- Associate Professor, Research Promotion Center
- Background: Biology, Ethology (especially human)

My experiences in human ethology research, a discipline in which all aspects of "humanity" are studied, will contribute to the RIHN's research activities and science communication with the public.



MALLAH, Qasid Hussain

- Invited Research Fellow, Project 3-3FR
- Background: South Asian archaeology

During the Indus period two rivers flowed independently. Indus is still alive and Hakra dried up. What happened to it? This will be investigated through this project by record studying the remains left by ancient people within the catchment area of Hakra River.



MORI, Wakaha

- Senior Researcher, Project 3-3PR
- Background: Sumerology, Linguistics

I am interested in the ancient Mesopotamian civilization in the late third millennium BC. I aim to reveal more about the ancient social environment from the cuneiform texts.



MATSUKAWA, Taichi

- Researcher, Project 5-2FR
- Background: Sociology, Social research methodology

A sociologist's role in this institute is, I think, to investigate social dimensions of the interaction between human society and natural environment.



MURAKAMI, Yumiko

- Researcher, Project 5-3FR, 4-4PR
- Background: Archaeology, Historical botany

I am interested in wooden artifacts excavated from archaeological sites and used for daily life in present times. This is a continuation of my research on the relationship between human beings and wood in the Japanese Archipelago.



MATSUMURA, Ayako

- Research Associate, Project 5-2FR
- Background: Forest policy

For my Master's thesis, I have conducted interview surveys in rural areas. I want to contribute to 5-2 project research using this experience.



MWALE, Moses

- Invited Research Fellow, Project 1-3FR
- Background: Soil and water management

I am interested in sustainable agricultural systems to maximize productivity especially in the marginal areas of the semi arid areas of the tropics. Inorganic fertilizers should be combined in appropriate amounts with organic fertilizers in such practices as agroforestry and conservation agriculture for maximum benefit to small scale farmers.



MINAMOTO, Toshifumi

- Senior Researcher, Project 5-4FR
- Background: Ecology, Animal physiology, Chronobiology

My interest is the relation between environments and the dynamics of pathogenic organisms. I would like to enjoy research in the laboratory and outdoors both expanding and narrowing the field of view.



NAGATANI, Chiyoko

- Researcher, Project 4-2FR
- Background: Cultural anthropology

I have studied the mutual influences between the cultural policy of Chinese government and the life style of ethnic minorities. At present, I am engaged in the production of the Yunnan eco-history Database.



MIYAZAKI, Hidetoshi

- Researcher, Project 1-3FR
- Background: Soil science

I am currently investigating soil fertility maintenance of subsistence farming villages in Southern Africa. I am also interested in comparing the results with those of my previous studies in West Africa.



NAKAGAWA, Masato

- Researcher, Project 3-2FR
- Background: Plant ecology, Plant taxonomy

I am trying to analyze the geographical distribution of plants in Ryukyu Islands based on herbarium data, and will investigate the genetic diversity of plant species on Iriomote Island.



MOJI, Kazuhiko

- Visiting Professor, Professor of Nagasaki University Institute of Tropical Medicine, Project 2-8PR, 4-2FR
- Background: Human ecology, population health in the tropics

Our project studies the effects of human societal and natural environmental changes on the ecology of infectious diseases such as malaria, dengue fever, opisthorchiasis, and water-borne diseases in tropical Asia.



NISHIMOTO, Futoshi

- Researcher (part-time), Project 4-2FR
- Background: Social anthropology, Ethnography

My current research focuses on the modern history of local religious practices in mainland Southeast Asia, which mediate in the interaction between people and the environment.



NAKANO,
Takanori

- Professor, Project 2-4FR, 5-3FR
- Concurrent Professor, Research Promotion Center
- Background: Resource geology, Isotope geochemistry

I am tracing the route of materials in the earth's environment in order to achieve sound earth environmental studies, which considers the relationship between humans and nature.



NAKAWO,
Masayoshi

- Professor, Project 5-2FR
- Background: Glacioclimatology, Cryosphere hydrology

I wish to review history from the viewpoint of interaction between people and nature. This would yield clues towards creating a new manner of living that could assure future capability.



NOMURA,
Naofumi

- Researcher, Project 3-2FR
- Background: Plant ecology

Evolution, adaptation, and ecophysiological function of wild plants under various environmental stresses. Objective of the study is to evaluate plant susceptibility to human activity and climatic change.



OGAWA,
Akiko

- Researcher, Project 5-2FR
- Background: Ecological informatics, Biogeochemistry

I am exploring the methods of information management for ecology to make maximum use of valuable research and monitoring data in environmental studies that are large-scale in time and space.



OISHI,
Taro

- Researcher, Project 5-2FR
- Background: Environmental economics, Economic theory, Econometrics

I'm exploring the role of citizenship in environmental problems by using the rational choice theory which provides the basis for modern microeconomics.



OKITA,
Hiroko

- Research Associate, Project 2-5FR
- Background: Japanese literature

I am interested in descriptions of environmental problems that appeared in Japanese literature. Especially, literatures written in the middle Ages seemed to be useful for thinking about environmental problems in that time.



OKUMIYA,
Kiyohito

- Associate Professor, Project 3-4PR, 4-2FR
- Background: Field medicine, Geriatrics, Neurology

I intend a new approach to study the association among human health, ageing, nature and culture fully in the three great Highland Civilizations.



ONISHI,
Akio

- Senior Researcher, Project 1-2FR
- Background: Environmental systems

China has been experiencing rapid economic growth through excessive use of natural resources. I am researching the impact of socio-economic development on water resources in the Yellow River basin.



ONISHI,
Hideyuki

- Senior Researcher, Project 4-4FR, 4-2FR
- Background: Anthropology and Archaeology

My research focus is indigenous knowledge and technologies related to subsistence activity. Such human knowledge and technologies are composed of socio-cultural factors as well as biological factors. With these perspectives, I will attempt to explain the relationships between human behavior and the socio-ecological system.



ONISHI,
Masayuki

- Senior Researcher, Project 3-3FR
- Background: Linguistics

I specialise in the descriptive and typological study of South Asian languages. I intend to contribute to the reconstruction of linguistic and socio-cultural environment of the Indus Civilisation.



ONISHI,
Takeo

- Senior Researcher, Project 2-3FR
- Background: Hydrology

Water relates with human activities, forming a complex hydrological system. I am investigating the principles of this complex through studying the dissolved iron transport in the Amur River.



OSADA,
Toshiki

- Professor, Project 3-3PR
- Background: South Asian Studies, Linguistics

I have spent more than six years in India. The aim of our project is to know what is the Indus civilization which is a substratum of Indian culture.



SAEKI,
Tazu

- Assistant Professor, Project 1-3FR
- Background: Atmospheric physics

My research subject is to investigate global cycles of greenhouse gases using numerical models and to analyze meteorological fields. I am interested in keeping up with those human and natural activities that have direct impact on observed changes in these atmospheric factors.



SAITO,
Haruo

- Researcher, Project 4-2FR
- Background: Forestry, Ethno-mycology, Ethno-botany

I am working to understand the interaction between human society and natural environment and its historical dynamics by analyzing people's use of plants and fungi.



- Professor, Research Promotion Center
- Background: Journalism, Study of nature

I have thought about how nature should be caught. I wish to pile new alcohol in a new leather bag at RIHN.

SAITO, Kiyooki



- Researcher, Project 5-3FR
- Background: Vegetation history, Forest history, Palaeoecology

I seek to understand the history of human-vegetation interactions in the last several thousands years, using palaeoecological methods, such as pollen and charcoal analysis, with archaeological and historical records.

SASAKI, Naoko



- Visiting Associate Professor, Associate Professor of Graduate School of Life Sciences in Tohoku University, Project 2-9FS
- Background: Genetic ecology

I have been studying the variation and evolution of crops on farmlands. I wish to investigate the on-farm conservation sites of the traditional farming system, and to explore the sustainable agriculture and future lifestyles.

SATO, Tadashi



- Professor, Project 2-5FR
- Background: Plant genetics

I am interested in the domestication of crop species, and have been studying the origin of rice using the tool of DNA archaeology. In the research at RIHN, I started a research project entitled: When agriculture destroys the environment.

SATO, Yo-ichiro



- Senior Researcher, Project 1-2FR
- Background: Forest hydrology

I wish to develop an integrated hydrological model for the Yellow River basin in China, which addresses not only the climate factors but also the impact of human activities.

SATO, Yoshinobu



- Associate Professor, Research Promotion Center
- Background: Limnology

I have applied information technology to my limnological and ecological studies. With this experience, I will try to construct a knowledge base, which is required in the RIHN's activities.

SEKINO, Tatsuki



- Researcher, Project 5-3FR
- Background: Plant taxonomy, Plant geography

Using molecular information, the change in distribution of plants 10,000 years ago in the Japanese Islands that accompanied environmental change, is being clarified.

SEO, Akihiro



- Research Associate, Project 1-2FR
- Background: International relations

My task is to provide varied administrative support for the research project on the Yellow River, and to disseminate information of the project through the publication of research results.

SHIMIZU, Hiromi



- Associate Professor, Project 2-3FR
- Background: Physical geography, Glaciology

The essential role of environmental scientists is to unveil unknown processes in the earth's environmental system in which human beings are involved. I wish to clarify such a system occurring in the circum Okhotsk region.

SHIRAIWA, Takayuki



- Invited Research Fellow, Project 2-4FR
- Background: Sedimentology, Marine geology

I am using sediment cores from Manila Bay, Laguna de Bay and La Mesa Reservoir to trace the history of metal and organic pollution brought about by the urbanization of Metro Manila, Philippines.

SIRINGAN, Fernando Pascual



- Research Associate, Project 3-3FR
- Background: Modern history of Japan

I'm a beginner about the Indus civilization. Actually I only have a stereotypical knowledge of India, like hippies, Beatles, and spiritualism. So I enjoy learning everyday. I manage our Project.

SONIDA, Takeru



- Researcher, 2-8PR
- Background: Literary representation

I am much interested in finding the correlation of culture with historical phenomena. By studying literary documents on human culture and environment I would like to contribute to our project.

TAKAGI, Mayumi



- Senior Researcher, Project 1-2FR
- Background: Meteorology (boundary layer)

I am studying the development of the atmospheric boundary layer and turbulent fluxes of heat, water, and carbon dioxide in a wheat field in Loess plateau in China.

TAKAHASHI, Atsuhiko



- Professor, Project 3-2FR
- Background: Plant morphology

I have studied relationships between morphological structures and their functions of the plants growing in subtropical regions, especially pollination mechanisms in mangrove plants and sea grasses.

TAKASO, Tokushiro



- Research Associate, Project 5-3FR
- Background: Informatics

I will help to manage the project, based on my experience as a librarian and in an academic society secretariat.

TAKAHASHI, Keiko



- Researcher, Project 5-3FR
- Background: Forest ecology

I studied forest tree distribution patterns in relation to topography, seed dispersal by monkey, and feeding pressure by sika deer.

TSUJINO, Ryo



- Research Associate, Project 2-7FS
- Background: Linguistics, Pedagogy

I hope to contribute my experience with data analysis, collecting and arranging the literature, references or information toward the smooth progress of the research project.

TAKEZAWA, Fumika



- Researcher, Project 5-4FR
- Background: Microbial ecology, Ecology

In our project, we investigate a lethal viral disease in freshwater fish. We aim to understand how human activities induce the emergence and expansion of infectious diseases.

UCHII, Kimiko



- Researcher, Project 2-5FR
- Background: Plant cell genetics, Plant breeding, Ethnobotany

I am analyzing endemic crops in East Asia by means of genetic markers, and historical and ethnobotanical records, to reveal migrations of peoples and various materials.

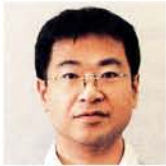
TANAKA, Katsunori



- Associate Professor, Project 4-4PR, 2-5FR, 3-3FR, 5-3FR
- Background: Zooarchaeology, Cultural anthropology

On the basis of the analysis of faunal remains from archaeological sites, my research mainly focuses on the reconstructions of prehistoric land use systems and socio-economic structures in the Jomon era in Japan. Recently I started a new project aimed at reconstructing the historical landscape change on East-Asian inland seas.

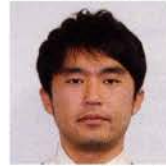
UCHIYAMA, Junzo



- Associate Professor, Project 2-4FR, 1-2FR
- Background: Hydrology, Geophysics, Hydrogeology, Natural geography

I undertake studies of the invisible underground environment in cooperation with international research institutions to elucidate human activities and changes in nature in an integrated manner.

TANIGUCHI, Makoto



- Researcher, Project 3-3FR
- Background: Archaeology

My concern is the process of development of complex societies and formation of urban societies/culture in South Asia, in terms of the bilateral relations between natural environment and societies.

UESUGI, Akinori



- Senior Researcher, Project 2-5FR
- Background: Archaeobotany, Plant genetics

Using archaeology and genetics, the origin of agriculture and crop evolution, especially in West Asia and past environmental changes caused by agricultural activities, are being studied.

TANNO, Kenichi



- Associate Professor, Projects 1-3FR, 2-1IFS
- Background: Biology, International relations, Resource and environmental economics, Development economics

I am studying environment and poverty linkages in rural areas in Asia and Africa through considering resilience of people. I wish to work on a research agenda that deals directly with human and environment/resource nexus.

UMETSU, Chieko



- Researcher, Project 3-3FR
- Background: Archaeology, Cultural properties

My research focuses on the location of ancient archaeological sites by using GIS. Studying the relationship between the spatial distribution of archaeological sites and the change in some factors, such as topographical features, will lead to an understanding of the dynamism of ancient society.

TERAMURA, Hirofumi



- Senior Researcher, Project 2-4FR
- Background: Marine biogeochemistry, Marine biology

I'm interested in the effects of anthropogenic nutrient loading on the coastal ecosystems. I'll carry out my study based on the combination of field surveys and experiments results, and the collaboration with people from different backgrounds.

UMEZAWA, Yu



- Researcher (part-time), Project 2-3FR
- Background: Environmental chemistry, Analytical chemistry

I study the role of aquatic humic substances as a carrier of iron from rivers to the sea, especially, the fate of iron in estuaries.

TERASHIMA, Motoki



- Researcher, Project 4-5FR
- Background: Physical geography, Geomorphology, Quaternary science

Remote sensing and field observation provide interesting information about the ground surface. I wish to investigate actual changes of the earth's surface from the viewpoints of the "bird's eye" and "insect's eye".

WATANABE, Mitsuko



- Professor, Project 1-2FR, 4-5FR
- Background: Irrigation engineering

Based on the results of completed project 1-1, I will especially concentrate on "wisdom" of regional environment and water management in agriculture and rural areas.

WATANABE, Tsugihiko



- Associate Professor
- Background: Theoretical ecology (modeling in evolutionary ecology, ecology of biodiversity and watershed management)

I am writing a book and papers to move forward a new synthesis of watershed management and global environmental studies based on a watershed management project (2002-2006) with an emphasis on spatial scale at RIHN.

YACHI, Shigeo



- Visiting Professor, Center for Ecological Research, Kyoto University, Project 3-5PR
- Background: Mathematical ecology, Evolutionary biology

We are starting the research, Collapse and Restoration of Ecosystem Networks with Human Activity. I have worked in theoretical ecology but will enjoy collaboration with social researchers.

YAMAMURA, Norio



- Researcher, Project 5-4FR
- Background: Ecology, Fisheries science

I will try to clarify the interactions between artificial modifications of waterfront environment and the life history of freshwater fish from the view of physiological ecology.

YAMANAKA, Hiroki



- Senior Researcher, Project 2-2FR
- Background: Forestry, Ecology

Fungi play an important role in forest ecosystems as decomposers. I plan to reveal the effects of human activities on fungal communities in tropical regions.

YAMASHITA, Satoshi



- Research Associate
- Background: Economics

I will support the project in overall administration of research activities, coordination between the project members and communicating the research results to the public.

YAMASAKI, Kahori



- Research Associate, Project 3-2FR
- Background: Biogeography

I am engaged in field work on Iriomote Island, such as water balance and forest ecological researches. I have also identified animals and plants and am making voucher specimens of flora.

YASUDA, Keiko



- Assistant Professor, Project 3-4PR, 4-5FR, 1-3FR, 1-2FR
- Background: Climatology, Meteorology and hydrology

From the viewpoint of global-scale climatological and hydrological circulation, I am participating in several RIHN projects. On the other hand, I am responsible for an out-source project of developing daily precipitation dataset for assessing the environmental problems throughout Asia.

YATAGAI, Akiyo



- Associate Professor, Research Promotion Center
- Background: Geographic information systems, Remote sensing

Measurement has been my primary research interest. Putting this experience to use, I wish to study human-nature relationships with spatial scale in mind.

YOSHIMURA, Mitsunori



- Professor, Project 5-3FR
- Background: Ecology

I will clarify the interaction between ecological processes and human activities, which have formed the "natural environment" in Japan, in order to consider what the natural environment with the highest potential for future sustainability, would be.

YUMOTO, Takakazu



- Researcher, Project 4-4FR
- Background: Urban planning, Architecture

My research interest has been particularly related to the sustainable development of waterfront areas. I have also worked on development of Geographical Information Systems and participated in several multi-disciplinary projects related to the preservation of heritage and environmental management.

ZEBALLOS VELARDE, Carlos Renzo



- Associate Professor, Project 5-2FR, 2-7FS
- Background: Environmental statistics, Environmental economics, Social survey

My interest is to explore the possibilities of a harmonious society regarding environmental issues, through analyzing the relationship between human activities and environmental changes, structures of environmental consciousness and the main factors, based on objective data.

ZHENG, Yuejun