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, campaigns, seminar series, and publications are designed to reach specialist and general audiences. Some 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. The 2010 recipients of the Earth Hall of Fame Kyoto Award were His Majesty Jigme Singye Wangchuck (Bhutan), Masazumi Harada (Japan) and Elinor Ostrom (USA).



Award ceremony of the Earth Hall of Fame Kyoto

# **Kyoto Forum on Environmental Wisdom and Culture**

RIHN, Kyoto Prefecture and Kyoto City co-host this forum as part of the DO YOU KYOTO? Campaign, a public information campaign designed to stimulate Kyoto residents' environmental consciousness and responsible behavior in everyday life.

# **RIHN International Symposium**

A symposium organized in October of each year to discuss the findings of concluding research projects.

The Past and Future of Diversity, 13-15 October, 2010

## **International Symposia**

International symposia are organized to allow intensive discussion of key project or domain topics. They may be organized by individual projects, RIHN research domains and in collaboration with other institutions. Recent symposia include:

Rethinking the Impacts of Climate Change in the Past Organized by the Indus Project (H-03), Ecohistory Domain. 20-21 August, 2011 Keystone Species of Human Subsistence Ecosystems in Arab Societies Organized by the Arab Subsistence Project (R-05), 20-21 December, 2010 Ecohistory of the Yellow Belt and Green Belt in Afro-Eurasia The 3rd Ecohistory Program Symposium, 21 February, 2010



The 38th RIHN Public Seminar

# **RIHN Public Seminars**

Public seminars are held almost monthly at RIHN or in the city center.

#38 Garden Cities or Metrocivilization: Kyoto, Shibuya and the Cities of the Future NAKAGAWA Osamu, Kyoto Institute of Technology MURAMATSU Shin, RIHN

16 April, 2010, Heart Pier Kyoto

- #39 Haiku and Global Environmental Problems TUBOUCHI Toshinori, Bukkyo University 18 June, 2010, Heart Pier Kyoto
- #40 How Will You Live after Oil Resources are Gone? Part2 TAKAKI Keiko, J. F. Oberlin University; ISHIYAMA Shun, RIHN 17 September, 2010, Heart Pier Kyoto
- #41 Oral History and Harmonious Coexistence with Nature: Tlingit Story-Telling by Bob Sam Bob Sam, Alaskan Tlingit; HABU Junko, RIHN/U.C. Berkeley 30 November, 2010, Heart Pier Kyoto
- #42 Learning from Minamata: from Pollution to Global Environmental Problems HARADA Masazumi, previously at Kumamoto Gakuen University 15 February, 2011, Heart Pier Kyoto



# **RIHN Seminars**

Invite a range of speakers from abroad to share their expertise with the RIHN community.

- #43 Problems with Integrating Social and Ecological Processes in a Unified Modeling Framework: A Case study on the Drivers of Landscape Pattern MCCAULEY, Stephen, Clark University/Worcester Polytechnic Institute, 7 June, 2010
- #44 Food Security, Climate Variability and Land Use in Zambia: Methods for Spatial Analysis and Modeling Vulnerability and Resilience of Smallholder Systems EVANS, Tom P., Indiana University/RIHN Visiting Research Fellow, 17 June, 2010
- #45 How Can Academism Contribute to Global Environmental Issues? Agenda Setting as Commitment

YONEZAWA Shohei, Research Center for Advanced Science and Technology 29 June, 2010

- #46 Environmental Governance in China
- BAO, Maohong, Beijing University/ RIHN Visiting Research Fellow 8 July, 2010
- #47 Sustainable Development and Advancing Environmental Governance

TOEPFER, Klaus, Executive Director, Institute for Advanced Sustainablility Studies, Potsdam, Germany

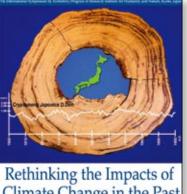
- 5 October, 2010
- #48 New Perspectives on Sustainability: Research, Practice, and Education REDMAN, Charles L., Founding Director, School of Sustainability, Arizona State University 27 October, 2010

# PUBLICATION

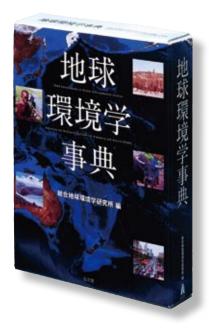
# **RIHN Encyclopedia of Global Environmental Studies**

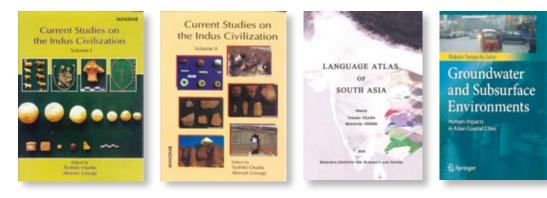
The RIHN Encyclopedia of Global Environmental Studies was published in 2010 to commemorate RIHN's 10th anniversary. In the past decade RIHN research has been disseminated through a remarkable range of academic and popular media, and yet each publication, interview, or workshop can only communicate a part of the whole. The encyclopedia was designed and written in order to address the need for a single, systematic and comprehensive reference work describing RIHN's research in the field of global environmental studies.

RIHN projects and researchers also publish a number of books each year in both Japanese and English.



Climate Change in the Past On 20- 21, August, 2010 At Lecture Hall esearch Institute for Humanity and Nature, Kyoto, Japa





The National Institutes for the Humanities (NIHU) was established on 1 April 2004. RIHN joined the National Museum of Japanese History, the National Institute of Japanese Literature, the International Research Center for Japanese Studies and the National Museum of Ethnology as a member institute. RIHN shares resources and contributes to joint research with other NIHU institutes, and collaborates in staging public lectures and symposia and other activities designed to generate broad public interest in intersections between the humanities and the environment.

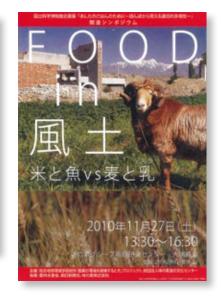
RIHN coordinates two NIHU endeavors on topics of great regional and global significance: Water in Asia, and environmental transformation in China. RIHN is the core institution in the Integrated Study of Water and People in Humid Asia research network, and published themed issues of the journal Water and People for a specialist audience. Under the NIHU Center for the Promotion of Area Studies, RIHN established the Research Initiative for Chinese Environmental Issues, the RIHN-China Newsletter (published in Japanese and Chinese), and the Symposium Series on Chinese Environmental Issues, which organizes symposia in both Japan and China. Such works have established RIHN as a central node in the network of scholars concerned with environmental transformation in China.

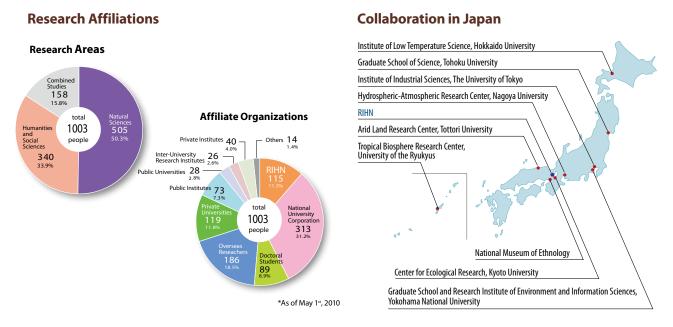


The international symposium on "Development and Environment, Livelihood, and Health in Southwestern China" was held at Yunnan University on November 2, 2010.



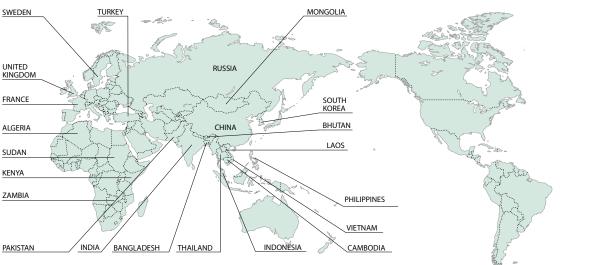
The Ten-Chi-Jin ("Heaven, Earth, People") Newsletter and a poster for a workshop on food in China.





# International Collaboration

# Memoranda of Understanding and Research Cooperation Agreements (As of April 1<sup>st</sup>, 2011)



entre National de Développement des Ressources	
Biologiques (R-05)	
ANGLADESH	
nternational Centre for Diarrhoeal Disease Research (R-04)	
HUTAN	
Pepartment of Medical Service, Ministry of Health,	_
The Kingdom of Bhutan* (D-03)	
AMBODIA	
ambodian Agricultural Research and Development Institute (H-C	)2)
HINA	
udan University (RIHN-CHINA)	
nstitute of Archaeology, Chinese Academy	
of Social Sciences (H-02)	
nstitute of Mountain Hazards and Environment,	
Chinese Academy of Sciences (R-03)	
)inghai University Hospital (D-03)	
Research Center for Environmental Technology of River and La	.ke,
Shanghai Jiao Tong University (C-06)	
(injiang Archaeological Research Institute (H-02)	
RANCE	
a Fondation Maison des Sciences de l'Homme (H-02)	
NDIA	
nstitute of Rajasthan Studies, JRN Rajasthan Vidyapeeth (H-03	)
Naharaja Sayajirao University of Baroda (H-03)	
Naharshi Dayanand University (H-03)	
Rajiv Gandhi University (D-03)	
NDONESIA	
aculty of Agriculture, Hasanuddin University (H-02)	
Iniversitas Indonesia* (C-08)	
ndonesian Institute of Sciences (LIPI)* (C-08)	

#### KAZAKHSTAN

Institute of Archaeology (R-03) Institute of Geography (R-03) Kazakhstan Scientific Research Institute on Problems of the Cultural Heritage on Nomads (R-03) Tethys Scientific Society (R-03) KENYA

#### National Museums of Kenya\* (C-06)

LAOS

National Agriculture and Forestry Research Institute (H–O2) National Institute of Public Health, Ministry of Health (R–O4) MONGOLIA

Hustai National Park Trust (D-04) Institute of Biology, Mongolian Academy of Sciences (D-04) Institute of Botany, Mongolian Academy of Sciences (D-04) Institute of Geoecology, Mongolian Academy of Sciences (D-04) Institute of Meteorology and Hydrology, Ministry of Nature and Environment (D-04)

#### PAKISTAN

Shah Abdul Latif University (H-03) University of the Punjab (H-03) PHILIPPINES

University of the Philippines, Los Baños (H-02)

# 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
Sudan University of Science and Technology (R-05)
SWEDEN
The Sven Hedin Foundation (H-02)
THAILAND
Rice Department, Ministry of Agriculture and Cooperatives (H-O2) Maejo University* (C-O6)
The Southeast Asian Fisheries Development Center*
(ISHIKAWA FS)
TURKEY
Çukurova University (H-02)
UNITED KINGDOM
Sainsbury Institute for the Study of Japanese Arts
and Cultures (H-04)
London School of Hygiene and Tropical Medicine* (R-04)
VIETAM
Cuu Long Delta Rice Research Institute (H-02)
ZAMBIA
Zambia Agricultural Research Institute, Ministry of Agriculture

ry of Agı and Cooperatives (E-04)

\*MOU signed in 2010

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 airconditioning 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.



### Laboratories

RIHN research projects are multidisciplinary 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-ofthe-art laboratories dedicated to microscopic, DNA and stable isotopeanalysis. 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

While individual projects make extensive use of specialized instruments, RIHN provides common access to the advanced instruments essential to contemporary environmental studies. In order to assure the proper use and care for this equipment, and to support its accessibility to the joint research of an interuniversity research institute, the Division of Promotion maintains a manual of standard equipment and laboratory procedures. Stable isotope analysis has stimulated environmental science in recent years, and RIHN houses one of the most advanced laboratories for stable isotope analysis in Japan, as well as a range of support instrumentation. In order to facilitate access to the instruments, common consumable supplies are purchased collectively.

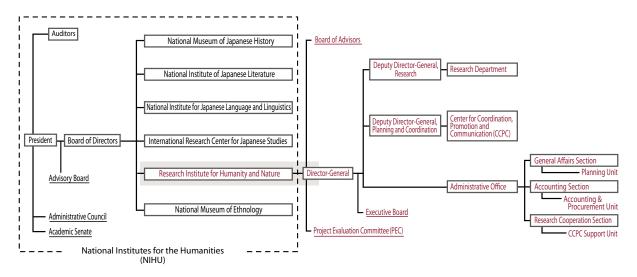
# Management

Within the Center for Coordination, Promotion and Communication, the Division of Promotion manages and maintains the research facilities in cooperation with the research projects making use of them. About 200 people from 35 institutes used the RIHN laboratory facilities in fiscal 2009. As new research projects are established at RIHN each year, the Division of Promotion runs workshops several times a year in order to develop general understanding of the facilities and their procedures and enhance communication among lab workers. Laboratory procedures, instrument manuals and information relating to samples in storage are also available on the RIHN laboratory website. Beginning in 2010, the Division of Promotion will also conduct research into new technical methods in environmental studies.



Stable isotope analysis describes how things are linked to one another, where they come from and how they change in contact with other elements and through time. It is a powerful tool in the study of contemporary biogeochemical processes as well as of deep historical change. In analyzing the stable isotopes of the varying elements present in ground-, river-, lake- and other waters of a particular landscape, for example, researchers can describe its original sources as well as the route and time it took to get to its present location. Such description can illuminate how mountain forests and soils contribute to the quality of rice grown on the plains below.

# Organization



# **Financial Information**

# Segmental Financial Information (Fiscal Year 2009)

Operating Expenses		Operating Income	
Category A	mount (Yen in thousands)	Category	Amount (Yen in thousands
Operating Expenses	2,161,952	Subsidy for Operation	2,160,702
Inter-University/Joint Resea	arch 1,131,399	Contract Operations, etc.	75,469
Outsourced Studies	56,351	Donations	6,925
Outsourced Operations	61,218	Others	188,607
Personnel	912,982		
General Management	187,405		
Financial Expenses	63,899		
Total Expenses	2,413,258	Total Earnings	2,431,705
Operational Balance			18,447

# External Sources of Funding

	(Fiscal Year 2009)
Category	Amount (Yen in thousands)
Fund for Promotion of Ac and Industrial Collaborat	aucrine
Grants-in-Aids	
for Scientific Research	78,580
Donations for Research	10,375

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



# **Board and Committees**

#### **Board of Advisors**

Oversees personnel, planning, administration and operation of the institute

FUJII Yoshiyuki Director-General, National Institute of Polar Research FURUSAWA Iwao President, Tottori University of Environmental Studies IWASAKA Yasunobu Professor, Kanazawa University Frontier Science Organization SHIRAHATA Yozaburo Professor, Research Department, International Research Center for Japanese Studies, NIHU WASHIDA Kiyokazu President, Osaka University

YOKOYAMA Toshio Professor, Institute for Research in Humanities, Kyoto University YONEMOTO Shohei Professor, Research Center for Advanced Science and Technology, The University of Tokyo

Professor, Hydrospheric Atmospheric Research Center,

(Overseas) BELLWOOD, Peter

FU, Congbin

CHUN, Kyung-soo

IKAWA-Smith, Fumiko

LOVEJOY, Thomas E.

OHMURA Atsumu

YASUNARI Tetsuzo

Nagova University

# \*As of April, 2011

#### ABE Ken-ichi Professor, CCPC, RIHN AKIMICHI Tomoya Professor, CCPC, RIHN SATO Yo-Ichiro Deputy Director-General, RIHN Director, CCPC, RIHN TANIGUCHI Makoto Program Director, RIHN WATANABE Tsugihiro Deputy Director-General, RIHN

YUMOTO Takakazu

Professor, School of Archaeology and Anthropology, The Australian National University, Australia

Director, START Regional Center for Temperate East Asia, China; Research Professor, Institute of Atmospheric Physics (IAP) / Chinese Academy of Sciences (CAS), China

President, The H. John Heinz III Center for Science, Economics and the Environment, USA

Professor, Department of Anthropology, Seoul National University, Korea

Former Associate Vice Principal, McGill University, Canada

Professor, Swiss Federal Institute of Technology, Switzerland

Program Director, RIHN

# Project Evaluation Committee (PEC)

External review of research project proposals

(Domestic) IWASAKA Yasunobu Professor, Kanazawa University Frontier Science Organization MUSHIAKE Katsumi Research Counciler, Foundation of River & Watershed Environment Management; Visiting Professor, Graduate School of Engineering, Hosei University NAKAMURA Masami Professor, Edogawa University; Former Senior Staff Writer, Editorial Bureau, Nihonkeizai Shimbun Inc. OHTSUKA Ryutaro President, Japan Wildlife Research Center TANAKA Koji Professor, Young Researcher Development Center, Kyoto University UETA Kazuhiro Professor, Graduate School of Global Environmental Studies, Kyoto University YAMAGATA Toshio Professor, School of Science, The University of Tokyo YOKOYAMA Toshio Professor, Institute for Research in Humanities, Kyoto University

#### **Executive Board**

Oversees administrative operation of the institute

TACHIMOTO Narifumi Director-General SATO Yo-Ichiro Deputy Director-General Director, CCPC WATANABE Tsugihiro Deputy Director-General

# **Emeritus Professor**

NAKANISHI Masami WADA Eitaro NAKAWO Masayoshi FUKUSHIMA Yoshihiro

### **RIHN Staff**

#### DIRECTOR-GENERAL

DEPUTY DIRECTOR-GENERAL, Planning and Coordination
DEPUTY DIRECTOR-GENERAL, Research

TACHIMOTO Narifumi SATO Yo-Ichiro WATANABE Tsugihiro

KAWABATA Zen'ichiro

Program Director

Program Director

**Program Director** 

MOJI Kazuhiko

NAKANO Takanori

**Guest Professor** 

KINOSHITA Tetsuya

# **ADMINISTRATIVE OFFICE**

GENERAL AFFAIRS SECTION

Head IWASAKA Yutaka Deputy Head YAGI Kiyotaka General Affais Subsection Head MATSUO Takashi Chief HARA Akiko Personnel Subsection TANIKAWA Yoshitaka Head Clerk **OKAUCHI Naoko** Clerk KIDA Yoshimi **Planning Unit** Head YAGI Kiyotaka Planning & Assessment Subsection NISHIMURA Takatoshi Head Clerk NAKAOHJI Yu

ADMINISTRATIVE DIRECTOR IBUKA Junji

Information Subsection NISHIMURA Takatoshi Head Clerk NAKAOHJI Yu ACCOUNTING SECTION MINAMI Kenichi Head Deputy Head FUJIWARA Koichi Financial Planning Subsection YAMAGATA Satoshi Head HONDA Takayuki Clerk Facility Management Subsection NISHIKAWA Tomonobu Head Accounting & Procurement Unit Head FUJIWARA Koichi Accounting & Procurement Subunit Head YAGI Tsukasa Chief MURASE Mamiko

TANIGUCHI Makoto Program Director YUMOTO Takakazu Program Director IBUKA Junji Director, Administrative Office

#### In Memoriam

Professor HIDAKA Toshitaka First Director-General of RIHN

Head SARA Toshihisa Deputy Head MAENO Yoshiaki **Research Cooperation Subsection** Head SHINNO Masato Clerk TAKATORI Yoko International Affairs Subsection Head TOKUDA Miki CCPC Support Unit MAENO Yoshiaki Head CCPC Support Subunit MIHARA Kazuaki Head TSUII Hanako Clerk

RESEARCH COOPERATION SECTION

#### **RESEARCH DEPARTMENT**

#### Program Directors

KAWABATA Zen'ichiro MOII Kazuhiko NAKANO Takanori **TANIGUCHI** Makoto YUMOTO Takakazu

### <Program Assistant Directors>

HIYAMA Tetsuya **KUBOTA** Jumpei SAKAI Shoko UCHIYAMA Junzo UMETSU Chieko

#### Professors

KADA Ryohei	Agricultural Policy, Environmental Economics
KAWABATA Zen'ichiro	Microbial Ecology
MOJI Kazuhiko	Human Ecology
MURAMATSU Shin	Architectural History,
	Urban History
OSADA Toshiki	Linguistics
SATO Yo-Ichiro	Plant Genetics
TANIGUCHI Makoto	Hydorology
WATANABE Tsugihiro	Irrigation Engineering
YAMAMURA Norio	Mathematical Ecology
YUMOTO Takakazu	Plant Ecology
Associate Professors	
HIYAMA Tetsuya	Ecohydrology

Hydrology

**Field Medicine** 

Plant Ecology

Economics

Making

Geography

Archaeology

Plant Inorganic Biochemistry

Radionuclides

Ichthyology

Ecoloav

Cultural Anthropology

Prehistoric Anthropology

**Resource & Environmental** 

Chinese History, Film

East European Area Studies, East European Economic History

**Comparative Sociology** 

Atmospheric Chemistry

Environmental Monitoring

HIYAMA Tetsuya KUBOTA Jumpei NAWATA Hiroshi **OKUMIYA Kiyohito** SAKAI Shoko UCHIYAMA Junzo UMETSU Chieko

#### Visiting Professors

GOTO Tamon

HIMIYAMA Yukio IEDA Osamu

KATO Tsuyoshi KAWASAKI Masahiro KOYAMA Shuzo MATOH Toru

#### NAGAO Seiya

NAKAIIMA Tsuneo OKUDA Toshinori SHIBAYAMA Mamoru Area Informatics UCHIBORI Motomitsu Cultural Anthropology

# Visiting Associate Professors

Grassland Ecology

Glaciology

Management

Conservation Ecology

Terrestrial Ecosystem

FUIITA Noboru ISHIKAWA Satoshi SHIRAIWA Takayuki TANAKA Ueru

#### Visiting Research Follow

Visiting Reseach Fellows				
HONG, SUNG Heup	Cultural Anthropology,			
	Japanese Culture			
TKACHEV, Sergey Viktorovich				
	Oceanology, Political			
	Science			
YAHYA, Andi Saputra	History of Betawi,			
-	Indonesia			
ZAMBA, Batjargal	Meteorology, Hydrology			
Senior Project Researchers				
C-06 MINAMOTO Toshifumi	Molecular Ecology			
(-07 FUJIWARA Junko	Cultural Anthropology			
(-07 SAKAI Toru	Satellite Ecology			
R-03 CHENGZHI	Central Eurasian History			
<b>R-06 MASUDA Tadayosh</b>	iNatural Resource			
	Economics			
R-06 RAZAFINDRABE, I	Bam Haja Nirina			
	Disaster Risk Management			
H-03 MORI Wakaha	Linguistics, Sumerology			
H-03 ONISHI Masayuki	Linguistic Typology			
H-04 MAKIBAYASHI Keisuk	e Archaeology			
H-04 ZEBALLOS VELARDE, Carlos Renzo				
	Úrban Environmental			
	Planning			

E-04 LEKPRICHAKUL, Thamana **Environmental & Health** Economics

#### Project Researchers

(-06 ABE Akira	Sociology, Ethics
(-06 HONJO Mie	Environmental microbial
	ecology
C-06 TAKAHARA Teruhiko	Chemical Ecology
(-07 KOBAYASHI Nakako	Forest Meteorology
(-07 OSHIMA Kazuhiro	Climatology
(-08 GUSEVA, Anna	Southeast Asian
	Architectural History,
	Urban History
(-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
D-03 KOSAKA Yasuyuki	Ethnobotany
D-03 SAKAMOTO Ryota	Public Health
D-03 NOSE Mitsuhiro	Forest Resource
	Management
D-04 KATO Satoshi	Ecology

#### D-04 TAKANO Kohei R-03 NARAMA Chiyuki Physical Geography R-03 WATANABE Mitsuko Geography R-04 CAI, Guoxi Global Fisheries Science R-04 FUKUSHI Yuki R-04 JIANG, Hongwei R-04 NISHIMOTO Futoshi

R-04 TOJO Bunpei R-05 ICHIKAWA Kotaro R-05 ISHIYAMA Shun **R-05 NAKAMURA Ryo R-06 SAITO Satoshi** 

Insect ecology

**Public Health** 

Human Ecology

Area Studies

Bioacoustics

. Archaeology

Archaeology

Archaeobotany,

Ethnoarchaeology

Social Anthropology

Cultural Anthropology

Cultural Anthropology

Isotope Geochemistry

Spatial Econometrics

International Health &

Modern Chinese History

H-04 NAKAMURA Oki H-04 HOSOYA Leo Aoi

Ecological Anthropology E-04 ISHIMOTO Yudai E-04 MIYAZAKI Hidetoshi Soil Science

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

MATSUNAGA Kohei Geography

# Center for Coordination Promotion and Communication (CCPC)

**TANIGUCHI** Makoto

SEKINO Tatsuki

ABE Ken-ichi

# Heads of Divisions

**Division of Coordination Division of Promotion Division of Communication** 

Head, Core Research Hub

YUMOTO Takakazu

#### Professors

ABE Ken-ichi AKIMICHI Tomoya NAKANO Takanori SATO Yo-Ichiro

**Ecological Anthropology** Integrated Area Study Isotope Environmental Studies Plant Genetics

DIRECTOR SATO Yo-Ichiro

#### Hydrology **TANIGUCHI Makoto**

YUMOTO Takakazu Plant Ecology

# Associate Professors

HANDOH Itsuki C. KUME Takashi KURATA Takashi SEKINO Tatsuki

#### Earth Systems Science, Mathematical Modeling Isotopic Soil Hydrology Philosophy Information Science

#### Assistant Professors

KOHMATSU Yukihiro NILES, Daniel UYAR, Aysun YASUTOMI Natsuko

Ecology Geography Geography International Relations, International Political Economy Meteorology, Climatology

**R-06 YAOTA Kiyoyuki** H-03 ENDO Hitoshi Project Research Associated

