Division of Natural Resource Economics offers research and educational opportunities of socio-economical problems concerned with industrial activities around natural resource as well as harmony between industrial development and nature conservation. This is the only division which studies the field of social science in graduate school of agriculture. Therefore this division is characterized by comprehensive and interdisciplinary studies based on economics, sociology and history and so on.

Division of Natural Resource Economics is composed of 3 chairs and 8 laboratories: Chair of Management & Information of Agricultural Enterprise (Laboratory of Farm Management, Laboratory of Farm Managerial Information and Accounting), Chair of International Agricultural Economics (Laboratory of Regional Environmental Economics, Laboratory of Food and Environmental Policy, Laboratory of Forestry Policy and Economics, Laboratory of International Rural Development). Chair of Comparative Agricultural History & Philosophy of Agricultural Science (Laboratory of Comparative Agricultural History, Laboratory of Philosophy of Agricultural Science).

130 undergraduate students and 82 graduate students (include 47 students in master course and 35 in doctor course) are enrolled in this division on March 20, 2006.

In addition, staffs of this division offer educational service for undergraduate students in the Department of Food and Environmental Economics.

Chair of Management & Information of Agricultural Enterprise

2.6.1 Laboratory of Farm Management

Staff  
Professor : Niiyama, Yoko, D. Agric. Sci.  
Associate Professor : Tsujimura, Hideyuki, D. Agric. Sci.  
Instructor : Taguchi, Kozue, M.Agric.Sci

Students and research fellows

Doctors program: (7)  
Masters program: (7)  
Undergraduate : (5)

A. Research activities (2006.4-2007.3)

A-1. Main subjects

a) Joint study by staff:  
Market and Farm Management:

The world agriculture has been increasingly embracing the free market principle. Can farms survive under such principle? It is now essential not only to create a coordination system, which is
based on social values of the agriculture and the farm in each country, but also to redefine the market. Through comparative analysis on problems regarding the farm management among US and the EU which lead in world agriculture, developing countries in Asia and Africa, and needless to add Japan, we will discuss future pictures of farm organizations and management, and conditions that is essential for their survivals.

Diversity of Farms and Agribusinesses:

In every country, farms are abundant in diversity with traditional family farms at one end and huge farms dominated by multinational conglomerate agribusinesses at the other. The disparities in management structure, corporate behavior and social raison d’etre of respective farms should be clarified. In addition, social significance and impacts of respective farms on local communities and food supply should be brought to light.

Roles of Regional Agricultural Organizations:

Sustainable development of the farm requires the regional agricultural organization. There are various kinds of regional agricultural organizations including the community-based organizations, collective organizations, agricultural cooperatives and agricultural services. A number of studies on their contributions to the establishment of regional agricultural system and production center system have been accumulated.

Person and Management:

The Farm organization is created and run by human. Not only the managerial creed, the managerial function and the business management system, which has been created by person in order to run business management more efficiently, but also the impact of management philosophy, thought and ethics on society (including products and regional communities), and culture created through management will be clarified.

Food System and Social System to Ensure Food Safety:

In order to supply high-quality food, farms have now been called for cooperation not only with consumers but also with affiliated industries which form the food system: food manufacturing, wholesaling, retailing and catering industries. In addition, in these days of frequent food incidents including those caused by BSE, food poisoning through pathogenic microbes such as O157:H7, residual pesticides on produce and false labeling of foods, we are urged to create a social system to ensure food safety. The future direction of Japan in this regard will be further discussed by comparing it with EU and US.

b) Individual study:

Niiyama, Y.: 1) Theoretical and Empirical Study on Agribusiness and Food-system; 2) Comparative Studies of Food-safety and Traceability system in Food Chain in Japan and the E.U. Countries; 3) Comparative Studies of Beef Food-system in Japan and the U.S. and the E.U. Countries; 4) Studies on the Regional Organization of Agriculture; 5) Studies on the Type of Enterprise and Business Administration in Agriculture.

Tsujimura, H.: 1) Studies of food system and agribusiness based on cases concerning agricultural products (especially coffee) produced in developing countries; 2) Studies on roles of cooperatives played in socio-economic development at rural area in Africa (especially Namibia and Tanzania); 3) Studies on problems of poverty and farming household economies at rural area in Tanzania; 4) Studies on roles of the fair trade played in producing areas (developing countries) and its development in consuming areas (developing countries).

Taguchi, K.: 1) Studies on environmentally-sound farm enterprises in mountainous areas in
Austria: 2) Studies on rural tourism in Austria: 3) Studies on forest management and forest use by small-scale farms in Austria

A-2. Publications and presentations

a) Publications

Original papers


Research Reports

A-3. Off-campus activities

Membership in academic societies (roles)
Niiyama, Y.: The Agricultural Economics Society of Japan (vice-president)
The Food System Research Association of Japan (vice-president)
Tsujimura, H.: The Association for Regional Agricultural and Forestry Economics (director)
The Farm Management Society of Japan (director)

Research grants
Taguchi, K.: Grant-in-Aid for Scientific Research, Encouragement of Young Scientists (B): Studies on environmentally-sound farm enterprises in mountainous areas in Austria

B. Educational Activities (2006.4-2007.3)

B-1. On-campus teaching

a) Courses given
Undergraduate level: Foods, Agriculture and Environment in the World (Niiyama), Introduction of World Agriculture and Forestry (Tsujimura), Farm Management (Niiyama), Theory of Agribusiness (Tsujimura), Seminar in Farm Management (Niiyama, Tsujimura, Taguchi), Discussions on Agribusiness (Niiyama, Tsujimura), Advanced Discussions on Regional Farming and Farm Management (Niiyama, Tsujimura), Food Safety II (Niiyama)
Graduate level: Advanced Farm Management 1, 2 (Niiyama), Advanced Theory of Agribusiness Analysis (Tsujimura), Comparative Farm Management (Niiyama, Tsujimura, Taguchi), Advanced Seminar on Farm Management 1, 2 (Niiyama, Tsujimura, Taguchi)

B-2. Off-campus teaching

Part-time lecturer
Center of Human Security Research, Graduate School of Doshisya University (Niiama)
Kyusyu-University (Niiama)
Institute for Liberal Arts Education, Kanazawa University (Tsujimura)

B-3. Overseas teaching

Students and research fellows from abroad
Fellows Abroad: 1 (China)
A. Research Activities(2006.4 - 2007.3)

A-1. Main Subjects

a) Research on management and accounting for agricultural corporations

There is a tendency of family farms in Japan to change into firms and corporate bodies. Central and local governments and groups have been encouraging it recently. However, in the academic circles, only research in institutions is advanced, while research in management and accounting is quite weak. Therefore, our section has been studying the importance and organization of agricultural corporations theoretically in the fields of business, financial accounting, and management accounting for several years. We also are doing many case studies all around Japan.

b) Study of farm services

Every farm business pursues its expansion and rationalization. Depending on farm services is one possible means. It includes various categories such as: consignment of productive operations, sales, purchases, and distribution, diagnosis and analysis of management and technique, bookkeeping, and booking analysis tax declaration, information gathering and its analysis, etc. There is no doubt that the need for farm services is increasing in Japan. Our section is studying the concept of farm services by basing on the theory of farm industrial institution, business theory, cost calculation theory, and theoretical cost-benefit analysis.

c) Research on information systems in farm management

In this highly information-oriented age, it is necessary for farm managers to gather, analyze, and utilize information efficiently. Apart from quantitative information related to accounting, technique, and marketing, managers require qualitative information concerning the business. They require both an internal information system on their businesses and an external information system within their regions. Our section is doing research on decision making, accounting information, information systems, and industrial organizations theoretically. We are collecting and analyzing other researches information and case studies in this field in and out of Japan.

A-2. Publications and presentations

a) Publications

Original Paper:

Kagawa, B.: “Food and Agriculture: Change in food consumption and Agricultural problem”, Statistics No.90, 2006.8

Proceedings:
Iba, H., Ochiai, K., Ueda, N., Oda, S.: “Development of winery Business Based on the Concept of Tourism Terroir”

A-3. Off-campus activities
Membership in academic societies (roles)
Oda, S.: American Society for Enology and Viticulture Japan (Editor)

B. Educational Activities (2006.4-2007.3)
B-1. On-campus teaching
a) Courses given
Undergraduate level: Outline of Farm Managerial Information and Accounting Survey (Oda), Survey Method for Farm Management (Oda, Kagawa), Accounting for Farm Finance (Kagawa), Practice of Agricultural and Forestry Statistics (Kagawa), Special Seminar in Food and Environmental Economics I (Kagawa), Special Seminar in Food and Environmental Economics II (Kagawa), Seminar in Farm Managerial Information and Accounting I (Oda, Kagawa), Seminar in Farm Managerial Information and Accounting II (Oda, Kagawa), Seminar in Farm Managerial Information and Accounting III (Oda, Kagawa)
Graduate level: Farm Managerial Information and Accounting I-II (Oda), Methodology of Farm Accounting (Kagawa), Advanced Seminar on Farm Managerial Information and Accounting I-II (Oda, Kagawa)

B-2. Off-campus teaching etc.
Part-time lecturer
Oda, O.: Osaka Economic University (Outline of Information Processing Methods)
Kagawa, B.: Nara Women’s University (Theory of Consumer Action and Behavior)
Ritsumeikan University (Social statistics)

Public lectures, etc
Oda, S.: The 70th Farm Accounting and Management Lectures at Kyoto University (1st class)
Class topic: Double entry bookkeeping for the growth and rationalization of farm management: theory and practical affairs
Kagawa, B.: The 70th Farm Accounting and Management Lectures at Kyoto University (1st class)
Class topic: Double entry bookkeeping for the growth and rationalization of farm management: theory and practical affairs

C. Others
C-2. Off-campus committee member
Oda, S.: The Council of Price Stabilization Policy in Kyoto Prefecture

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Chair of International Agricultural Economics

2.6.3 Laboratory of Regional Environmental Economics

Staff
Professor: Kagatsune, Masaru, Dr. Agr. Sci.
Lecturer: Shen, Jinhu, Dr. Agr. Sci.

Students and research fellows
Doctor’s Program: (4)
Master’s Program: (10)
Undergraduate: (3)

A. Research Activities (2006.4-2007.3)
A-1. Main subjects
a) Systematization of research & education field of regional environmental economics
   Research on the interrelation between environmental resources conservation and agro-forest
   activities in various areas in the world, such as interactions between sustainable rural
   development & environmental resources constraints in global level. These research areas contain
   both theoretical and empirical approaches for fields of national resources accounts, social account
   matrix and regional input-output analysis as well as international trade of food & resources etc.

b) Regional Planning and the Policy Evaluation in Less Favored Areas
   We investigated on regional characteristics of Agriculture in Awaji island, South of Hyogo
   prefecture, which has been suffered from lack of rainfall and water for irrigation, then surveyed
   the feasibility of regional revitalization schemes based on securing source of irrigation water.

c) Model Building on Land Use & Land Cover Change in East Asia
   We have been trying to build basic model for forecasting the land-use & land cover change in
   East Asia such as Japan, China, Indonesia and Thailand, which is conducted in collaboration with
   IIASA and NIES by incorporating the Regional Input-Output Analysis based on Environmental
   Resources Accounts and Social Account Matrix (SAM).

d) Economic Analysis, Assessment, Planning and Management of Regional Agriculture,
   Resources & Environment in Urbanizing Areas · Theoretical and Positive Approaches ·
   The competition between agricultural use and non-agricultural use of regional environmental
   resources has become more and more serious recently in urbanizing areas. As a type of regional
   agriculture, farming in urbanizing areas, where changes in use of resources are drastic and these
   uses are in a state of disorder, is especially of interest. Case studies have been conducted in both
   developed countries (U.S.A., U.K., Germany, Australia & New Zealand, Japan) and developing
   countries (Thailand, Philippines, Malaysia, Indonesia and China).

e) Effects of Economic Integration in Asia-Pacific regions on Agricultural Trade of EU and APEC
   Countries
   We made a positive analysis on effects of economic integration, such as trade and investment
   liberalization in APEC countries on the international trade market of agricultural commodities
   and regional environments.
f) Agricultural Restructuring and Environmental Issues after the introduction of market mechanism in CEEC

Having experienced transition from the central planned economic system to the market economic system since late 1980s, some central and east European countries begin to prepare joining into the EU now. However, in this process, agricultural structures have dynamically changed and serious environmental issues have occurred. A joint research has been conducted on the current situation and these problems.

g) Study on Agricultural Promotion in ESA and Direct Payment in Japan

A-2. Publications and presentations
a) Publications

Books

Original Papers
Masaru KAGATSUME, “Economic Globalization and Agriculture ----- the Possibility of East Asian Economic Liaison -----”, Chairman’s remarks for the Plenary Symposium, 2007 Annual Conference for Japanese Association of Agricultural Economics, Okinawa Kokusai University, March 2007

Reports
Masaru KAGATSUME, “Free Trade Agreement between Australia and China and Its Economic Impacts”, International Comparative Study on Mountainous Areas Revitalization and Environment Friendly Rural Industries Promotion under the WTO system”, (Research Team Leader, Masaru KAGATSUME)(Project No.15380150), 2003-2005 Science Research Grant (Basic Research (B)(1)) Research Report, Chapter 1, pp.1-19, May, 2006
Masaru KAGATSUME, “Canola Project as the Rural Resources Recycling and Regional Revitalization”, International Comparative Study on Mountainous Areas Revitalization and Environment Friendly Rural Industries Promotion under the WTO system”, (Research Team Leader, Masaru KAGATSUME) (Project No.15380150), 2003-2005 Science Research Grant (Basic Research (B)(1)) Research Report, Chapter 2, pp.20-33, May, 2006
Masaru KAGATSUME, “Impacts of Climate Change and the EU Accession on Turkish Rural Industries —Approach by the Input-Output model and Markov-Transition Matrix —”, International Comparative Study on Mountainous Areas Revitalization and Environment Friendly Rural Industries Promotion under the WTO system”, (Research Team Leader, Masaru KAGATSUME) (Project No.15380150), 2003-2005 Science Research Grant (Basic Research (B)(1)) Research Report, Chapter 3, pp.34-42, May, 2006

b) Conference and seminar papers presented

Masaru KAGATSUME, “Water Use Reform and Environmental Resources Conservation in Australia”, 2006 Annual Conference (Event for Japan Australia Exchange Memorial Year) for Japan Society of Australian Studies, East Building in Mita Campus of Keio University, June 11, 2006

Masaru KAGATSUME, “Development of Economic Integration of East Asia and Japan & Australia Relations”, Chairman for the session “East Asian Economic Integration and Japan & Australia Relations”, under the auspice of Japan Society of Australian Studies, Fushimi Postgraduate campus of Nagoya University of Commerce, Sep 30, 2006


A-3. Off-campus activities

Membership in academic societies (roles)

Kagatsume, M.: The Agricultural Economics Society of Japan (Vice-President); The Association for Regional Agricultural and Forestry Economics (Director); The Oceanian Economics Society (Auditor); Society of Australian Studies (Director). Research Coordination Council for Academic Conferences

Kagatsume, M.: Committee Member for Research on Land Use & Cover Change, Research Coordination Committee for Global Environment Research, Japan Academic Council Section 6

Research grants


Monbukagakusho Research (Set-up Research): “An Econometric Study on the Effects of Ecological Emigration Against Grassland Desertification in China”, <Project Leader: Masaru Kagatsume>
A-4. International cooperations and overseas activities

International joint researches, overseas research surveys

Kagatsume, M: Inner Mongolia, China, “Socio-economic Change and Desertification in North China grassland region in the post-War period”, July 8-14, 2006


Kagatsume, M: Russia, “Study on Environment Friendly Agriculture Promotion and Direct Payment System”, September 4-12, 2006

Kagatsume, M: Australia, “Study on Situations of Japanese Firms and Biofuels Production in Australia”, November 30 -December 13, 2006


Shen Jinhu: China (Beijin, Inner Mongolia), “Socio-economic Change and Desertification in North China Grassland Region in the Post-war Period”, July 8-18, 2006

Shen Jinhu: China (Beijin, Yinchuan, Xining), “Socio-economic Change and Desertification in North China Grassland Region in the Post-war Period”, March 7-22, 2007

Invitation of Foreign Researchers

JSPS Post Doctoral Fellowship

International Conference


Kagatsume, M: “International Marketing and International Trade of Quality Food Products”, 105th Seminar of the European Association of Agricultural Economics, Bologna University, Italy, March 3-10, 2007, (Reviewing Committee member)

B. Educational Activities (2006.4-2007.3)

B-1. On-campus teaching

a) Courses given

Undergraduate level: Resource & Environmental Economics (Kagatsume), Agricultural & Forestry Statistics (Kagatsume), Resource and Environmental Analytics (Shen), Basic Information Processing Method (Shen), Basic Sociology & Economics for Agriculture (Shen and Adachi), Seminar in Resource & Environmental Economics I, II, III (Kagatsume, Shen), Outline of Natural Resource Economics (Kagatsume, 2 other professors)

Graduate level: Regional Environmental Economics I, II, III (Kagatsume), Advanced Seminar in
Regional Environmental Economics I, II, III (Kagatsume, Shen), Rural Resources Economics (Shen)

B-2. Off-campus teaching, etc.

Part-time lecturer
Kagatsume, M.: Junior College of Agriculture, Toyama Prefectural University, Environmental Economics
Kagatsume, M.: Dept of Education, Kyoto University of Education
Kagatsume, M.: Collaborated Education Activities between Highschool and University, SSH Seminar System, Nishi-Yamato-Gakuen Highschool and Zeze Highschool

B-3. Overseas teaching

Students and research fellows from abroad
(Master and Doctor course) China 3, Nigeria 1, Argentina 1
(Research Student) China 2, Mali 1

C. Other remarks
Kagatsume, M.: Committee Member of International Food Market Research Committee, Japan International Agricultural Council
Kagatsume, M.: Director Board Member of Kansai New Zealand Center

2.6.4 Laboratory of Food and Environmental Policy

Staff
Professor: Takebe, Takashi, D. Agric. Sci.

Students and research fellows
Doctor’s program: (1)  Research fellow: (1)
Master’s program: (4)
Undergraduate: (5)

A. Research Activities (2006.4-2007.3)

A-1. Main subjects

a) Food, Agricultural and Environmental Policies

In consideration of the global environment as the basis for human life, we examine and identify the agricultural and environmental problems from the viewpoint of the theory in economics and policy. Our topics include sustainable food production in the world, environmental governance, normative analyses of local resource use, international cooperation for global environmental protection, and collaboration between private and public sectors in regional communities. We consider these issues with an eye towards the formation of a recycling society.

b) Environmental Governance

Environmental governance is to build institutions or socioeconomic systems to attain a
sustainable society. We conduct theoretical analyses of the mutual relation between economic activities and the global environment in order to clarify conditions for sustainable food production and investigate the regional imbalance of food production and its distribution. We also consider the methods for environmental valuation.

c) Economic Evaluation of Resource Use

We examine and evaluate the current states of utilization, conservation and management of all sorts of local resources, especially farm land. For this purpose we use and employ the principles of resource, environmental, and managerial economics and utilize the techniques of the geographic information system.

d) Activities of NPO/NGO

Associations aimed at public/group benefit will become socioeconomic organizations in charge of our society in the near future. Non-profit organizations in Japan are public-oriented organizations. Private finance initiatives can also appear our society as organizations to supply public services. We study various activities of NPO/NGO and PFI.

A-2. Publications and presentations

a) Publications

Books


Original papers


Reports


Yoshino, A.: The Role of Common Knowledge in Environmental Risk Communications.

b) Conference and seminar papers presented
Yoshino, A., H. Takeshita, and T. Takebe: Difficulty in Restoring Public Confidence in Risk Communication - Japan’s Experience of BSE - 3rd World Congress of Environmental and Resource Economists at Kyoto 2006

A-3. Off-campus activities

Membership in academic societies
Takebe, T.: The Society of Strategic Management for Agricultural and Rural Development (director)

Research grant
Yosino, A., Takebe T.: Grant-in-Aid for Scientific Research (C) (Yosino, A.: Research Leader), Extracting and Proving Principles of Risk Communications on Food Security; Takebe is a Research Member, 2006-2008

B. Educational Activities (2006.4-2007.3)

B-1. On-campus teaching

a) Courses given
Undergraduate level: Introduction of Food and Environmental Economics I (Takebe: partial charge), Special Lecture I II (Takebe, Yoshino), Agricultural and Environmental Policy (Takebe), Seminar in Agricultural and Environmental Policy I II III (Takebe, Yoshino)
Graduate level: Advanced Agricultural and Environmental Policy I II (Takebe), Seminar in Advanced Agricultural and Environmental Policy I II (Takebe, Yoshino)

B-2. Off-campus teaching, etc.

Part-time lecturer
Yoshino, A.: Doshisya Women’s College
A. Research Activities (2006.4-2007.3)

A-1. Main subjects

a) Analysis of Japan’s forestry

The structure of Japan’s forestry drastically progressed after the World War II. Today, about 80% of our demand is satisfied by imported timber, and domestic forestry is less competitive even though we have enough forest resources in our own land. The section of forest policy is studying this historic process and its causes, and searching the way to re-establish domestic forestry.

b) Research for externalities of green environment such as forest resources

Non-timber products or public benefits of forest etc. became familiar with the people these days. Many of them used to be realized as externalities cannot be measured in market system well. Considering that, we are trying to analyze them theoretically and practically as a problem of resource allocation.

c) Research for wood industry system and distribution system

Woods are demanded by a variety of users and allied industries. Pulp and paper industry needs a heavily equipped factories, but timber industry often depends on small mills. Distribution of raw materials and products differs as well. We are researching wood industry system and the market structure of forestry related industry by using econometric models, and analyzing effects of the external conditions and the mechanism of pricing.

d) Input-output analysis of forestry and timber industry

Forestry and timber industry have the characteristics of providing intermediate goods to produce the goods of other industries. We are trying to analyze statistically the status-quo and interrelation of the forestry, timber industry and other industries by using the regional input-output tables, in order to clarify how are the products of the forestry and timber industry demanded and through what industry, and these interdependent relations between sectors and transactions between the industries and the final demand sectors.

e) Comparative study of forestry

It is important for Japan to understand the forestry in North America and Southeast Asia, which are two main sources of imported timber. Our goals of comparative study of these regions and Japan are to find possible ways of sustainable forestry, especially in tropical Asia, and to define the role and responsibility of Japan.

f) Future perspectives of National Forest

Japan has 7.6 million hectares of National Forest, which is about one fifth of total land area. However, it is endangered by financial problems, and restructuring of National Forest managing system is undergoing. As forestry researchers, we believe that the most important point is to ask
the public what the National Forest should be in the future and to learn together about it. With studying foreign system of state and national forest or trend of privatization of public forests, we are trying to draw some future perspectives of Japanese National Forest.

g) An econometric analysis on demand, production and import of fruits

Our purpose is to examine how demand, production and import etc. for the fruits changed after the trade liberalization by estimating each function using several kinds of econometric methods and statistics.

A-2. Publications and presentations

a) Publications

Original papers


Kawamura, M.: Kitayamasugi: Historical landscape of the traditional forestry, Agriculture and Economy 72(6), 56-61, 2006

Reviews


Reports

Yoshida, M.: Lately aspects of Division of Natural Resource Economics / Department of Food and Environmental Economics, Rakuyu-Kaiho, 56, 148-150, 2006

b) Conference and seminar papers presented


A-3. Off-campus activities

Membership in academic societies (roles)


Kawamura M.: The Japanese Forest Economic Society (Councilor, Regular Director), The
Japanese Forest Society (Councilor.), Japan Society for Impact Assessment, Japanese Institute of Landscape Architecture, The Japan Society for the Comparative Study of Civilization

Research grants
Yoshida, M.: Grant-in-Aid for Scientific Research of Monbusyo (C) (2): Econometric analysis of industry on fruits and fruit trees after trade liberalization in Japan (Chief: Nakamura, T., Co-worker: M. Yoshida)

A-4. International cooperation and overseas activities

International meetings (roles)
Kawamura M.: Mongolian Academy of Sciences and MFF: Conference of Mongolian Forests Regeneration, Mongolia (invitation lecture)

International joint researches and overseas research surveys
Kawamura M.: The Research of Land Law in Mongolia (Nagoya University and University of Mongolia)

B. Educational Activities (2006.4-2007.3)

B-1. On-campus teaching
a) Courses given
   Undergraduate level: Forestry policy (Yoshida), Forestry economics (Kawamura), Seminar in forestry policy I·II·III (Yoshida, Kawamura)
   Graduate level: Forestry policy I·II (Yoshida), Forest resources economics (Kawamura), Advanced seminar in forestry policy I·II (Yoshida, Kawamura)

C. Other remarks
Yoshida, M.: Member of committee for Liberal Arts Education, Member of committee for A Group of Liberal Arts, Member of working committee for A Group of Liberal Arts, Head of Division of Natural Resource Economics in the Agricultural Graduate Course, Chairman of the Forest Council in Shiga Prefecture, Chairman of Steering Conference in the Association for Promoting Tree-planting in Shiga Prefecture, Committee member of the Council of Agriculture, Forestry and Fisheries in Osaka Prefecture, Committee member of the Forest Council in Osaka Prefecture

Kawamura M.: Committee member of the Research Appraisal in Hyogo Prefecture, Committee member of the Promotion for Nishiharima Forest Plan Area, Committee member of the Ichikawa & Yumesakigawa River basin, Committee Member of Common Forest Society of Middle Japan, Member of the management board of Takatsuki Municipal Corporation for Urban Greening and Forest Management
2.6.6 Laboratory of International Rural Development

Staff
Associate Professor: Asami Atsuyuki, Dr.(Agriculture)
Instructor : Nakada Yoshiaki, Ms. of Sc.

Students and Research Fellows

Doctor's Program : (8)
Master's Program : (5)
Undergraduate (4th year): (2)

A. Research Activities (2006.4.-2007.3)

A-1. Main subjects

a) Research and survey on international rural and agricultural development problems

The problems related to poverty, hunger, agricultural technology, rural credit and investment, agricultural marketing, organization, food balance, trade and policy, population explosion, deterioration of natural resources such as pasture, water and forest, environment problems, changing traditional customs in developing countries, and international agricultural cooperation including ODA and NGO are studied with special attention to farm economy, village economy and agricultural sector. The methods in the fields of the neoclassical economics and its applied economics such as agricultural economics, farm management, agricultural policy, agricultural development, economic development, international economics, environmental economics, and econometrics as well as field and village survey method are used for analyzing those problems, and the ways to solve those problems are sought.

b) Research and survey of rural institutional problems

The rural institutional problems such as social interactions in village, rural market and organization, social rules, conventions, formal laws, incentive systems, including the viewpoints of society, culture, history, policy and jurisprudence are studied through new institutional as well as neoclassical economics methods. The field surveys of rural China, South East Asia, Middle East Asia, Sub-sahara Africa are conducted and the first hand micro data that are collected by these surveys are utilized to solve the rural institutional problems.

A-2. Publications and presentations

a) Publications

Original Papers

Reports

A-3. Off-campus activities

Membership in academic societies
Asami, A.: The Association for Regional Agricultural and Forestry Economics (a Standing Director)
Research Grants

A-4. International cooperation and overseas activities

International meetings
Asami, A.: “Do Chinese farmers have the abilities of farm management?”, Nanjing University of Agriculture, Nanjing, 2006 9

International joint researches and overseas research surveys
Asami, A.: A study on Reforms of Rural Institutions (China)

B. Educational Activities (2006.4-2007.3)
B-1. On-campus teaching
Undergraduate level: Seminar in International Rural Development Economics (Asami), Graduation Thesis (Asami), Agricultural Development (Asami), Reading of English Literature of Agricultural and Forestry Economics (Asami),
Graduate level: Advanced Seminar on International Development Economics I, II (Asami), International Cooperation in Agricultural and Forestry (Asami)

B-3. Overseas teaching
Students and research fellows from abroad
Students: Two graduate school students (China)
Chair of Comparative Agricultural History & Philosophy of Agricultural Science

2.6.7 Laboratory of Comparative Agricultural History

Staff
Professor: Noda, Kimio, D. Agric. Sci.
Associate Professor: Adachi, Yoshihiro, D. Agri. Sci.
Assistant Professor: Itoh, Atsushi

Students and research fellows
Doctor’s program: (8)
Master’s program: (3)
Undergraduate Senior: (4)
Junior: (3)

A. Research Activities (2006.1-2007.3)
A-1. Main subjects
a) Research on farm management history
A farm management is the fundamental unit of agriculture. There are various types in farm management, from which are formed some social classes of farmers and the regional agricultural structure. Finally it leads to national agriculture bound to the international relationships. The purpose of our study is to make clear the social dynamic process of the farm management leading the agricultural development, especially by focusing on the technical and economic aspects.
b) Comparative study on the land reform in the 20th century.
Based on a mass of studies on both prewar and contemporary Japanese agriculture, we rethink on the historical significance of postwar land reform and “jisaku-nou-taisei”, the owner-farmers-system, as a result of land reform in 1946-1950, especially from the viewpoint of the farm management history shown in a).
In addition we are engaged in comparative study on some land reforms in the world and agricultural problems as the results of them, which was performed simultaneously after WW2. The objects of comparison are land reforms in East-Asian (i.e. Japan, China and Korea) and Europe (i.e. East Germany). Structuring a comparative land reform theory could make clear the significance of the Japanese land reform in the modern world agricultural history.
c) Comparative study on the development of Japanese agriculture.
It is an important subject in current social sciences to rethink the paradigm of modernization, which has been regarded as a universal trend effectual even in another non-European countries. Reviewing the results of historical studies on Japanese agriculture and peasant society, furthermore comparing it with another Asian countries, we are now engaged in clearing a characteristic of Japanese agriculture in world agriculture types. Our new framework is based on a comprehensive historical knowledge, different from a once presented hypothesis from a viewpoint of agricultural technology.
d) Study on the agriculture and peasant problems in the war-time-system
It has been often emphasized that further historical study is required on the real conditions of agriculture and rural society in the war-time-system 1937-1945. As is shown in the following
subjects, “technology, production, and farm management in the war-time-system”, “the real situations of rural society under the economic control of the government”, “life and farm of Japanese immigrants in Manchuria”, we research firstly on the influence of the extreme selective economic policy upon the domestic agriculture, secondly on the influence of both the inflation and the economic control of the government upon the rural society, finally on the political and economical position of domestic agriculture and rural society in the “Japanese empire”. Further comparison with German agriculture is well covered in this study, because both Japan and German agriculture in war time is considered to have been in relative common aspects in several points.

e) Research on the German agricultural history in modern-age

In the traditional research on the German agricultural history we cannot find the sufficient explanation of farm labors, hired-men, and foreign seasonal workers, because there is the dominant idea that farmers and landlords had played the important role in the German modern village. From this viewpoint we study now, 1. on the ethnic problems in the rural village which was represented in the polish seasonal labors in the Wilhemine Era, 2. on the farm labor and Nazism in the rural life, and 3. on the relations between the refugees problem and land reform in East and West Germany after the WW II.

A-2. Publications and presentations

a) Publications

Original Papers


Book reviews

b) Conference and seminar papers presented
ADACHI, Y.: The Historical Science Society of Japan (Contemporary History Section), Tokyo, 28th May 2007
ITOH, A.: The 6th International Conference on Agricultural History, Suwon, Republic of Korea, September 22, 2006

A-3. Off-campus activities
Membership in academic societies (roles)
NODA, K.: The Regional Agricultural and Forestry Economics Association (President of committee), The Society of Agricultural History (a member of committee),
ADACHI, Y.: The Regional Agricultural and Forestry Economics Association (a member of committee),

Research Grant
Monbukagakusho Research Grant, Research (C) (ADACHI), Continuity of German Agricultural History from NSDAP to DDR

A-4. International co-operations and overseas activities
ADACHI, Y., Research Trip for the Study of Continuity of German Agricultural History from NSDAP to DDR, March 2007

B. Educational Activities (2006.4-2007.3)
B-1. On-campus teaching
a) Courses given
Graduate level: Comparative Study of Agricultural History I, II (NODA), Comparative Study of Economic History (ADACHI), Advanced Seminar in Comparative Study of Agricultural History (NODA, ADACHI, ITOH)
2.6.8 Laboratory of Philosophy of Agricultural Science

Staff
Professor : Suehara, Tatsuro, D. Agric. Sci. (Kyoto University)
Associate Professor : Akitsu, Motoki, D. Agric. Sci. (Kyoto University)
Assistant Professor : Oishi, Kazuo, M. Agric. Sci. (Kyoto University)

Student and Research fellows
Doctor’s program: (6)
Master’s program: (8)
Undergraduate : (6)
Research fellow : (1)

A. Research Activities (2006.4-2007.3)

A-1. Main subjects
a) Philosophical Studies on the Agricultural Sciences
   Philosophical, Ethical and Methodological studies on Agriculture and the Agricultural Sciences. We also study on the relationship between agriculture and society.
b) Comparative Study on Modern and Traditional Rural Societies
   Comparative studies on socio-economic structure of rural societies from a global perspective, especially transformations under the expansion of economic globalization.
c) Cultural, Historical and Anthropological Studies of Food, Food Production and Food Consumption
   Cultural, historical and anthropological studies on food, food production, food distribution and consumption in the community and national levels from a global perspectives.
   Studies on food-systems including the relationships agricultural products, marine products, forest products, wholesale systems, retail systems and the consumers.
   Studies on the life and value systems of farmers, fishermen and foresters.

A-2. Publications and presentations
a) Publications

Books
Suehara, T.: The Edge of the Urban Area, the Edge of the Rural Area, Humans meat Humans: A Selection of the Work of Toshinao Yoneyama, 995-998, Jibun Shokan, Tokyo, 2006

Original papers
Akitsu, M.: To Preserve the Diversity of Rural Landscapes. NogyotoKeizai (Agriculture and
Economy) 72(6), 42-51, 2006

Reports and Reviews
Suehara, T.: Landscape and Time, Agriculture and Economy, vol.72, no.6, 3, 2006
Akitsu, M.: Depopulation (p.29), Commons (p.48), Marginalized hamlet (p.61), ruralism (p.76), Endogenous Village (p.93), Relatives (p.119), Village (p.136), Companionship for Daily Life (p.149), Rural Society, Rurality (pp.183-184), Spirit of Endogenous Village, Territory of Hamlet (pp.219-220), Age Group (p.169). In “The Glossary of Farm Management”, Norintokeikyokai, Tokyo

A-3. Off-campus activities
Memberships in academic societies (roles)
Suehara, T.: The Association for Regional Agriculture and Forest Economics (director); The International Association for Kyoto Studies (director); Japan Association for African Studies (councilor)
Akitsu, M.: The Japanese Association for Rural Studies (editor of Annual Bulletin); The Association for Regional Agriculture and Forest Economics (director)
Oishi, K.: The Association for Regional Agriculture and Forest Economics (director)

Research grants
Suehara, T.: Monbukagaku-shou Research Grant (B) (1): Agricultural and Cultural Studies on Rural Communities and their Biological Resources (Head Investigator: Suehara)
Suehara, T.: Study on the 21st centuries New Ruralogy, Toyota Foundation (Co-researcher: Suehara)
Akitsu, M.: Monbukagaku-shou Research Grant (B) (1): Methodological and Practical Studies on Agricultural Sciences as a Field Science and Studies on Agriculture from a Cultural Perspective (Co-researcher: Akitsu)
Akitsu, M.: Monbukagaku-shou subsidy of “Open Research Center” for Private Universities: Open Research Center for the Study of SATOYAMA and Community Life (Co-researcher: Akitsu)

A-4. International cooperations and overseas activities
International meetings (roles)
Suehara, T.: 4th International Conference on “Moral Economy of Africa: Comparative Perspectives on Moral Economy: Africa and Southeast Asia”, Fukui (chairperson, speaker)

International Joint researches overseas research surveys
Suehara, T.: Agricultural, Ethical Studies on Food Production in Norway
Akitsu, M.: The Urbanization and Rural Society in China
B. Educational Activities (2006.4-2007.3)

B-1. On Campus teaching

a) Courses given

*Undergraduate Level:* Outline of Agricultural Science (Suehara), Philosophy of Agricultural Science (Suehara), International Rural Development (Suehara, kagatsume), Food, Environment and Agriculture in the World (Suehara, Niiyama and Yoshida), History of Economic Thought (Akitsu), Rural Sociology / Special Lecture on Sociology (Akitsu), Occupational Training: Agriculture (Akitsu), Seminar in Philosophy of Agricultural Science 1, 2 & 3 (Suehara, Akitsu), Proseminar on Environmental Science (Oishi)

*Graduate level:* Advanced Lecture on Philosophy of Agricultural Science 1, 2 (Suehara), Advanced Lecture on Comparative Study of Rural Sociology / Special Lecture on Sociology (Akitsu), Advanced Seminar on Philosophy of Agricultural Science 1, 2 (Suehara, Akitsu)

B-2. Off-campus teaching

*Part-time lecturer*
Suehara, T.: Ryukoku University
Akitsu, M.: Kinki University, Ehime University

*Public lectures, etc*
Suehara, T: Nara Prefectural Library of Information, Toshinao Yoneyama’s World
Akitsu, M.: The 69th Farm Accounting and Management Lectures at Kyoto University (2nd class)

C. Other remarks

Akitsu, M.: Scientific Adviser of Kyoto Prefectural Chamber of Agriculture, Member of Committee for ‘Consuming Local Food’ Policy in Kyoto Prefecture