2.6 DIVISION OF NATURAL RESOURCE ECONOMICS

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).

58 undergraduate students and 73 graduate students (include 41 students in master course and 32 in doctor course) are enrolled in this division.

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.

Students and research fellows

Doctors program : (6)
Masters program : (8)
Undergraduate : (5)

A. Research activities (2004.4-2005.3)

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 an coordination system, which is based on the social value judgment of the roles of agriculture and farms in each country, but
also to redefine the market. Through comparative analysis on the 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 conventional family farms at one end and farms dominated by transnational conglomerate groups at the other. It is vital that the disparity in respective management structure, corporate behavior and conditions for their survivals 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 developments of farms require regional agricultural organizations. There are various kinds of regional agricultural organizations including the community-based organizations, collective organizations, agricultural cooperatives and agricultural services, and a number of studies on their contribution to the establishment of regional agricultural system and production center system, have been accumulated.

Person and Management:

Farm organizations are created and run by persons. Not only managerial creed, managerial functions and 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 also culture created through management will be elucidated.

Food System and Social System to Ensure Food Safety:

In order to supply high quality food, farms have now been called for to cooperate not only with consumers but also with affiliated industries which form a food system: food manufacturing industries, wholesalers/retailers and catering industries. In addition, in these present days of frequent food incidents including those caused by BSE or food poisoning through pathogenic microbes such as O157:H7, it has now been 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 the EU and the US.

b) Individual study:

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

Tsujimura, H.: 1) Studies of food-system/agribusiness based on cases concerning primary commodities (especially coffee) produced in developing countries; 2) Studies of roles of cooperatives played in socio-economic development at rural area in Africa (especially Namibia and Tanzania); 3) Studies of world economic system and North-South problems/economic development/development of rural communities; 4) Studies of sustainability of small scale family farming and impact of fair trade in Tanzania.
A-2. Publications and presentations

a) Publications

Books

Original papers

A-3. Off-campus activities

Membership in academic societies (roles)
Niiyama, Y.: The Association for Regional Agricultural and Forestry Economics (director)

Research grants
Niiyama, Y.: Nagai Charitable Trust Fund (Head investigator), 2003-2004

B. Educational Activities (2004.4-2005.3)

B-1. On-campus teaching

a) Courses given

Introduction of World Agriculture and Forestry (Tsujimura), Farm Management (Niiyama), Theory of Agribusiness (Tsujimura), Foreign Food and Environmental Economics (Tsujimura), Seminar in Farm Management (Niiyama, Tsujimura)

Graduate level: Advanced Farm Management 1, 2 (Niiyama), Advanced Theory of Agribusiness Analysis (Tsujimura), Advanced Seminar on Farm Management 1,2 (Niiyama, Tsujimura)

B-2. Off-campus teaching

Part-time lecture
Faculty of Foreign Studies, Osaka University of Foreign Studies (Tsujimura)
Institute for Liberal Arts Education, Kanazawa University (Tsujimura)
B-3. Overseas teaching

Students and fellows abroad

Foreign students: Doctors program 1 (Korea)

2.6.2 Laboratory of Farm Managerial Information and Accounting

Staff

Professor: Oda, Shigeaki
Lecturer: Kagawa, Bunyo

Students and research fellows

Master's program: (4)
Undergraduate: (2)
Research Student: (4)

A. Research Activities (2004.4-2005.3)

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

Proceedings

A-3. Off-campus activities
Shigeaki Oda: The Association for Regional Agriculture and Forestry Economics (Director)

A-4. International cooperation and overseas activities
Shigeaki Oda: “Competitive Study of Wine Industry in the World”, U.S.A., France

B. Educational Activities (2004.4-2005.3)
B-1. On-campus teaching
a) Courses given
Undergraduate level: Outline of Farm Managerial Information and Accounting Survey (Oda), Method for Farm Management (Oda), Seminar in Farm Managerial Information and Accounting I (Oda), Seminar in Farm Managerial Information and Accounting II (Oda), Seminar in Farm Managerial Information and Accounting III (Oda)
Graduate level: Farm Managerial Information and Accounting I · II (Oda), Advanced Seminar on Farm Managerial Information and Accounting I · II (Oda)
b) Thesis titles and supervisors

Research student and research stuff
“Subject of The Farmer”

B-2. Off-campus teaching, etc.
a) Off-campus teachings
Shigeaki Oda: Osaka Economic University (Outline of Information Processing Methods)
b) Public lectures, etc
Shigeaki Oda: The 68th Farm Accounting and Management Lectures at Kyoto University (1st class) Class topic: Double entry bookkeeping for the growth and rationalization of firm management: theory and practical affairs

C. Other remarks
Shigeaki Oda: The Council of Price Stabilization Policy in Kyoto Prefecture
2.6.3 Laboratory of Regional Environmental Economics

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

Students and research fellows
Doctor's Program: (5)
Master's Program: (7)
Undergraduate: (7)

A. Research Activities (2004.4-2005.3)
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

Had experienced transition from the central planned economic system to the market economic system since late 1980s, some central and east European countries begin to prepared 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

Reports
Kagatsume M.: Conclusion of Australia – USA Free Trade Agreement and Food Agricultural
Policy in Australia, Project No15580198, Project Leader: Nobuhiro SUZUKI, Chapter 3, 37-70, Report for the Science Research Grant C(2) 2003-2004, March, 2005


b) Conference and seminar papers presented


Shen J. H.: The Responsibility System for Pasture Management, Tragedy of Commons and the Degradation and Desertification of Grassland. Presentation at the 54 Annual Conference of the Association for Regional Agricultural and Forestry Economics, Oct. 24, 2004

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


A-4. International Cooperations and Overseas Activities

International joint researches, overseas research surveys

Kagatsume M.: “International Comparative Study on Promotion of Environmental Friendly Rural Industry and Revitalization of Mountainous Areas under WTO system”, (UK), Jan 6-13, 2004

Kagatsume M.: “Adjustment to the Agriculture and Movement of Food Self-sufficiency Rate in Asian Countries including Japan”, (Bulgaria), Feb 20-26, 2004

Kagatsume M.: “Study of Impacts of Global Warming on Agricultural Production Structural Change in Arid Zone”, (Korea, Australia), March 4-13, 2004


Kagatsume M.: “Interdisciplinary Study on World Rice Consumption Expansion and Extension Strategy”, (China), Mar 4-13, 2005

Invitation of Foreign Researchers

JSPS Post Doctoral Fellowship

International Conference


B. Educational Activities (2004.4-2005.3)

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), Foreign Food and Environmental Economics II(Shen).

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.: Collaborated Education Activities between Highschool and University, SSH Seminar System, Nishi-Yamato-Gakuen Highschool and Zeze Highschool
B-3. Overseas teaching

Students from abroad

(Doctor course) Indonesia 1, Philippine 1, China 2
(Research Student) China 1, Nigeria 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.
Assistant Professor: Yoshino, Akira, D. Agric. Sci.

Students and research fellows
Doctor’s program: (2) Research fellow: (1)
Master’s program: (4)
Undergraduate: (3)

The following list of research and educational activities includes those of Kota Asano, who assisted the laboratory in both activities. Kota Asano is Dr in Economics and Associate Professor of Graduate School of Global Environmental Studies, Kyoto University.

A. Research Activities (2004.4-2005.3)
A-1. Main subjects

a) Food, Agricultural and Environmental Policies

We consider and investigate international coordination in food and agricultural policies and needed adjustments in domestic agricultural policies. We also research theory and practices for sustainable agricultural systems.

b) Economic Evaluation of Resource Use

We reexamine and evaluate the current states of use, conservation and management of various local resources. For that purpose we employ the principles of resource, environmental, and managerial economics and utilize the techniques of the Geographic Information Systems.

c) Economic Evaluation of Environmental Resources

We consider and investigate the development of methods for environmental valuation, and stress the actual valuation of environmental resources.

d) Environmental Management

We investigate the conditions of desirable environmental performance when individual economic actors takes environmental management such as ISO14000s using contract theory and theory of economic organization.
A-2. Publications and presentations

a) Publications

Original papers


Reports


Research (A)(2) (Kumagai: Research Leader, Takebe: Research Member); 2005 (in Japanese)


b) Conference and seminar papers presented


A-3. Off-campus activities

Membership in academic societies (roles)

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

Asano, K.: The Association of Rural Planning (counselor)

Research grants


B. Educational Activities (2004.4-2005.3)

B-1. On-campus teaching

a) Courses given

Undergraduate level: Agricultural and Environmental Policy (Takebe), Seminar in Agricultural and Environmental Policy I II III (Takebe, Asano, Yoshino), Environmental Policy II AB (Asano)

Graduate level: Advanced Agricultural and Environmental Policy I II (Takebe), Seminar in Advanced Agricultural and Environmental Policy I II (Takebe, Asano, Yoshino)

B-2. Off-campus teaching, etc.

Part-time lecturer

Asano, K.: Nara Women University, Kinki University
A. Research Activities (2004.4-2005.3)

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**

**Books**

Matsushita, K., Kawamura, M: Roundwood Products. Earth Data Book Book (Hukuoka,K.ed.).
88-92, World Watch Japan, Tokyo, 2004

**Original papers**


Katoh, C. and M. Yoshida: An econometric analysis of production behavior in large-scale pulp and paper enterprises. Forest Economy, 57(7); 1-16, 2004

**Reports**

M. Yoshida: Global warming and forest-forestry. Rakuyu-kaihou, Rakuyukai of Kyoto University, 54: 7-13, 2004


**b) Conference and seminar papers presented**

The 54th Conference of the Association for Regional Agricultural and Forestry Economics: 3 Papers

Nakamura, T, K. Kikuchi, S. Keino, and M. Yoshida: An econometric analysis on wishes determining production of fresh pine-apple ; Using conjoint analysis of choice-type. 80, 2004

Fujino, M. and M. Yoshida: An econometric analysis on expansive afforestation behavior of individual forest owners. 88, 2004

Katoh, C. and M. Yoshida: An econometric analysis on demand and supply of pulp wood. 89, 2004

**A-3. Off-campus activities**

**Membership in academic societies (roles)**

Yoshida, M.: The Agricultural Economics Society of Japan (Vice-President), The Association for Regional Agricultural and Forestry Economics (Regular Director), The Japanese Forest Society, The Food System Research Association of Japan, The Japanese Society of
Regional and Agricultural Development

Research grants

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)

B. Educational Activities (2004.4-2005.3)

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)

B-2. Off-campus teaching

Part-time lecture
Kawamura M.: Faculty of Agriculture Tottori University (Environmental Impact Assessment, Environmental Law)

C. Other remarks
Yoshida, M.: Member of committee for Liberal Arts Education, Member of committee for A Group of Liberal Arts, Committee member of educational affairs in the Agricultural Graduate Course, 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.: The Hyogo Prefecture Conference of the Promotion for Forest, Forestry and Timber Industry (chairman), 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 the Forest Regulation in Kyoto Prefecture
A. Research Activities (2004.4-2005.3)
A-1. Main subjects

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

The problems related to poverty, hunger, low agricultural productivity and technological improvement, agricultural marketing, trade and policy, population explosion, under employment and migration, limitation of natural resources such as land, soil, water and forest, agricultural credit and rural institution, custom and organization in developing countries are studied with special attention to farm economy, village economy and agricultural sector. The methods in the fields of resource and environmental economics, agricultural development, economic development, international economics, farm management, agricultural policy, 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 on international agricultural and forestry cooperation

Theoretical and empirical study on international agricultural and forestry cooperation as an important approach to solve those problems in farm economy, village economy and agricultural sector of the developing countries stated just above and the agricultural and economic problems between Japan and other high income countries on the one hand and the developing countries on the other hand. Economic as well as social, political, institutional, environmental and technological aspects of official and non governmental agricultural cooperation are studied through economics and institutional economics methods.

c) Research regarding international agricultural, forestry and fishery economies and policy

Population explosion, poverty, agricultural taxation policy, over cultivation and the limits in the natural resource endowments and environmental destruction in the South, i.e. the developing countries, will restrict supply of agricultural, forestry and fishery products and in the long run will lead to the enormous amounts of shortages in these products in these countries. On the other hand, agricultural overprotection, stationary population and food demand satiation in the North, i.e. the high income countries have yielded large amounts of agricultural surpluses that have been exported with export subsidy to the developing countries and have suppressed agricultural prices and the agriculture of these countries. These economic, environmental and political problems concerning agriculture, forestry and fishery in the South and the North countries and between the South and the North are studied by the methods of economics, econometrics and political economy from the view points of international trade and policy regarding agricultural, fishery and forestry products, food aid, national agricultural, fishery and...
forestry policy, farm economy and rural economy, population policy and natural resources maintenance.

A-2. Publications and presentations
a) Publications

Books

Original Papers
Atsuyuki Asami, “Is Market Mechanism Used Efficiently?”, Nogyo to Keizai, Vol.70, No.8, pp130-137, 2004

A-3. Off-campus activities

Membership in academic societies
Hiroshi Tsujii: Association of Asian Politics and Economics (Councilor).
Asian Society of Agricultural Economists (Councilor).
Atsuyuki Asami: The Association for Regional Agricultural and Forestry Economics (a Standing Director)

Research grants
Atsuyuki Asami: Monbusyo visiting researcher in foreign countries (Dept. of Chinese Agriculture, 2004.3~2004.5)

A-4. International cooperation and overseas activities

International meetings

International joint researches and overseas research surveys
Hiroshi Tsujii, Atsuyuki Asami: A survey on sustainable agricultural development in Turkey and agricultural policy (Turkey).
Atsuyuki Asami: A study on Reforms of Rural Institutions (China).

B. Educational Activities (2004.4-2005.3)

B-1. On-campus teaching
Undergraduate level: International Rural Development Economics (Tsujii), Seminar in International Rural Development Economics (Tsujii, Asami), Graduation Thesis (Tsujii, Asami), KUINEP Lecture on Rice and Food Economics (Tsujii), Agricultural Development (Asami), Reading of English Literature of Agricultural and Forestry Economics (Asami), Pocket Seminar (Tsujii, Asami).
Graduate level: Advanced International Rural Development Economics (Tsujii), Advanced Seminar on International Development Economics I,II (Tsujii, Asami), International Cooperation in Agricultural and Forestry (Asami)

B-2. Off-campus teaching, etc.

Part-time lecturer
Hiroshi Tsujii: Dept. of Horticulture & Agriculture, Faculty of Agr., Osaka Pref. Univ. (International Agricultural Trade); Dept. of Agricultural Economics, Faculty of Agr., Shimane University (World Agricultural Trade), Kyoto Education University (Household Economics), Kobe University (International Agricultural Problems).

Public lectures, etc.
Hiroshi Tsujii: The Thin and Unstable World Rice Market and Liberalization of Japanese Rice Sector, An invited lecture for the 80th anniversary of Faculty of Agriculture of Kyoto University, October 4, 2003.
Atsuyuki Asami: Public Lectures of Agricultural Economics, Farm Management and Book Keeping (Kyoto University) The Second Class (Farm Management)

B-3. Overseas teaching

Students and research fellows from abroad
Students: One master course student (China), One doctor course student (Indonesia).
Research fellows: JSPS Long-term Researcher, Dr. Jonnas Chianu (Nigeria)

C. Other remarks
Hiroshi Tsujii: (A Councilor of Kyoto University Library).
(A Member of the Cabinet Research Committee on Japan’s Agricultural and Food Problems).
2.6.7 Laboratory of Comparative Agricultural History

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

Students and research fellows
Doctor's program: (6)
Master's program: (6)
Undergraduate Senior: (7)
Junior: (5)

A. Research Activities (2004.4-2005.3)
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
managements, 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 WWII.

A-2. Publications and presentations

a) Publications

Books
Noda, K.(et al.): History of MINAMI-YAMASIRO VILLAGE, 592-645 and 758-773, 2004
Noda, K. (et al.): History of HIKONE CITY (Materials), 9: 584-615, 2005

Original Papers

Book reviews

Report

b) Conference and seminar papers presented

A-3. Off-campus activities

Membership in academic societies (roles)
Noda, K., The Regional Agricultural and Forestry Economics Association (a member 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 grants
Monbukagakusho Research Grant, Research (C)(2) (NODA), Historical Study on Organization Process of Japanese Agriculture
Monbukagakusho Research Grant, Research (C)(2) (ADACHI), An Empirical Research on Agricultural Collectivization and Changing of Rural Society in Post-War East Germany, 2002-2004

A-4. International co-operations and overseas activities
ADACHI, Y., Research Trip for the Study of Land Reform and Collectivization in East Germany, March 2005

B. Educational Activities (2004.4-2005.3)
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)

B-2. Off-campus teaching

Part-time Lecturer
Noda, K., Ehime University, Faculty of Agriculture. (Agricultural History)
2.6.8 Laboratory of Philosophy of Agricultural Science

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

Student and Research fellows

Doctor’s program: (5)
Master’s program: (5)
Undergraduate: (5)
Research fellow: (1)

A. Research Activities (2004.4-2005.3)

A-1. Main subjects

a) Philosophical Studies on the Agricultural Sciences
   Philosophical, Ethical and Methodological studies on Agriculture and the Agricultural Sciences. We also studied the relationship between agriculture and society.

b) Comparative Study of Modern and Traditional Agricultural Societies
   Comparative studies of socio-economic structure of agricultural societies from a global perspective, especially comparisons and 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 of food, food production, food distribution and consumption the community and national levels from a global perspectives.
   Studies of food-systems including the relationships agricultural products, marine products, forest products, wholesale systems, retail systems and the consumers.
   Studies of the life stories and value systems of farmers, fishermen and foresters.

A-2. Publications and presentations

a) Publications

Books
Original papers
Suehara, T.: What is “a Beautiful Village”? Agriculture and Economics, vol.70, no.1, p.5-12, 2004

Reports and Reviews

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)
Oishi, K.: The Association for Regional Agriculture and Forest Economics (director)

Research grants
Suehara, T.: 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 (Head Investigator: Suehara)
Suehara, T.: Monbukagaku-shou Research Grant (A) (1): the Moral Economy in Africa (Co-researcher: Suehara)
Suehara, T.: Nagai Research Grant: Globalization and Creation of Sustainable Rural Community (Head Investigator: Suehara)
Oishi, K.: Monbukagaku-shou Research Grant: Research (B) (2): Changing Female Life and its Impacts on Region Communities in Rural Areas (Head Investigator: Akitsu, M., Co-researcher: Oishi, K.)
Oishi, K.: Nagai Research Grant: Globalization and Creation of a Sustainable Rural Community (Head Investigator: Suehara, T., Co-researcher: Oishi, K.)

A-4. International cooperations and overseas activities

International meetings (roles)

International Joint researches overseas research surveys
Suehara, T.: Methodological and Practical Studies on Norfolk Agriculture and Agricultural Sciences as a Field Science in England
Suehara, T.: Field Study on Indonesian Moral Economy in Indonesia
B. Educational Activities (2004.4-2005.3)

B-1. On Campus teaching

a) Courses given

*Undergraduate Level*: Introduction to Agricultural Science (Suehara), Philosophy of Agricultural Science (Suehara), Seminar on Agricultural Science 1, 2 & 3 (Suehara), Proseminar on Environmental Science (Oishi)

*Graduate Level*: Philosophy of Agricultural Science 1, 2 (Suehara), Advanced Seminar on Agricultural Science 1, 2 (Suehara)

B-2. Off-campus teaching

*Part-time lecturer*

Suehara, T : Otemae College of Nutrition