

Agriculture /Agricultural Science



Associate Professor Regional Planning for Win-Win
Takanori Nagano

The mission of regional planning is to diagnose ever-changing interactions between man and nature and to propose amendments for institutions (rules of resource uses). In the latter half of the last century, every nation pursued economical success without deep insight into their nature and culture. As a result, standardized development undermined natural and cultural diversities and competition

among regions arose. Environmental problems and economic disparity are the consequences of such a paradigm.

For our sustainable future, we best focus our attention on differences of each region and pursue complementary relations rather than competitive relations for wiser resource use among regions. We try to do so, through our research in environmental history, environment monitoring and future-projections using environmental models.



International Student People's Republic of China

Rendong Ren

I have been in Kobe for almost 2 years. During this time, I learned a lot from kind Japanese people who gave me a good impression of the country. Japanese people are friendly and the most hardworking people in the world. Their kindness and attractive smile create a friendly atmosphere that comforts me on campus. I often see my peers so absorbed in experiments that they forget to have lunch or dinner. Not only are people

highly quality, but various systems and management methods are also advanced here. Many communities and companies provide scholarships to help students who have financial problems so that they may concentrate on their study. As my Japanese ability progress, I will undoubtedly discover more about Japan and her people. When I return to my homeland, I will introduce Japan through my experience so that I may help promote a better understanding between our two nations.

Think Globally, Act Locally Through Various Collaborations

The aim of Agricultural Science is sustainable coexistence of human and nature. Human society has various impending problems for food, energy, health and environment related to this sustainable coexistence. Another important issue to tackle is finding solution to avoid related crises in the near future. Agricultural Science is a multidisciplinary science covering the natural and social science fields of biology, chemistry, engineering and socio-economics. Educational and research fields in Agricultural Science have expanded "From Farm To Table (Fork)". Now, Agricultural Science has a strong potential to find working solutions in this area. We try to meet the various needs of our society by stepping into innovative fields of environmental science, biotechnology and health/life science.

The mission of the Graduate School of Agricultural Science (GSAS) and Faculty of Agriculture (FA) "Think Globally, Act Locally" is to advance the basic and applied knowledge and technology that are required, not only for effective utilization of living organisms and their products as

resources of food and energy, but also for the production of bioresources with novel functions to offer potential seeds in agriculture and new bio-industry in the world.

Since April 1st, 2007, GSAS consists of three Departments and three affiliated Centers; Agricultural Engineering and Socio-Economics, Bioresource Science, and Agrobioscience; Food Resources Education and Research Center, Center of Regional Cooperation, and Research Center for Food Safety and Security. GSAS has also one collaborative Center, Research Center for Experimental Genomics, associated with the Organization of Advanced Science and Technology. Since April 1st, 2008, similar to GSAS, FA consists of the same three Departments, each with two educational courses. Now, we can provide a coherent educational system for students to obtain consecutively bachelor, master and doctor degree.

The needs of both local and international community are very important for us, and collaboration with local community is an important domain in our mission. We promote active collaboration with various local sectors such as Hyogo Prefectural Government and Sasayama City Government. Promoting educational and academic exchanges as

well as collaboration with overseas universities and institutions are also very important. More than 80 international students and postdoctoral research fellows are currently studying in GSAS/FA. We have signed academic agreements with many overseas universities and institutions in Asia, Europe and Africa. We also have continually provided young researchers and managing officers from developing countries, who are working in the fields of agriculture and bio-industry, with training courses in biotechnology (Biotechnology Course) and environmental science and animal/plant disease control (Integrated Pest Management Course) in cooperation with Japan International Cooperation Agency (JICA).

Agricultural Science, through collaboration with other science disciplines such as Engineering and Medicine, is determined to supply food by producing and providing safe, nutritious and enough food. It uses renewable bio-resources for energy and bio-functional chemical products. With our motto, "From Farm to Table (Fork)," we direct our attention to all aspects of science and technology related to "Food, Environment and Health/Life." If you wish to study and research in the multidisciplinary science of agriculture, come and join us to develop your career in the fascinating fields of agriculture and bioscience.

Undergraduate Program

Departments	Research Groups
Agricultural Engineering and Economics	<ul style="list-style-type: none"> •Agricultural Engineering •Food and Environmental Economics
Bioresource Science	<ul style="list-style-type: none"> •Animal Science •Plant Science
Agrobioscience	<ul style="list-style-type: none"> •Applied Chemistry in Bioscience •Environmental Biology

Programs for Master's and Doctoral Degrees

Departments	Divisions
Agricultural Engineering and Socio-Economics	<ul style="list-style-type: none"> •Agricultural Engineering •Food and Environmental Economics
Bioresource Science	<ul style="list-style-type: none"> •Animal Science •Plant Science
Agrobioscience	<ul style="list-style-type: none"> •Applied Chemistry in Bioscience •Agroenvironmental Biology

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