

| Improved Operation and Management for Agricultural and Rural Infrastructure 農業農村インフラの運営管理の改善 | | PITD Leaders 1080047 Sector : Agricultural/Rural Development Sub-Sector : Agricultural Development | |
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| | | 12 participants / English | |
| OBJECTIVE | TARGET ORGANIZATION / GROUP | | |
| <p>Abilities to plan and implement projects for building proper management of agricultural and rural infrastructure are developed in the officers in charge of agricultural and rural development policy in the central or local government.</p> <p>No1:Participants can explain the outline of the Japanese law and systems about agricultural and rural development projects.</p> <p>No2:Participants can explain how to draft plans about agricultural and rural development projects for improvement of the productivity.</p> <p>No3:Participants can explain how to establish a farmer's organization for proper management of the infrastructure for agricultural production.</p> <p>No4:Participants can explain about the problems of management of agricultural and rural infrastructure, and can make an action plan for them.</p> | <p><Target Organization> Central / Regional government (Ministry / Agency related to agricultural administration) in charge of infrastructure development related to agricultural and rural development.</p> <p><Target Group> 1) Be Administrative/Technical Officials (if possible holding head/ manager position in section) in charge of formulating law and system to implement infrastructure development related to agricultural and rural development. 2) Have more than 5 years of experiences working in Governmental concerned to agricultural administration</p> | | |
| CONTENTS | PROGRAM PERIOD | Jan / 30 / 2011 ~ Apr / 2 / 2011 | |
| <p>Understand the Japanese law (e.g. The New Basic Law on Food, Agriculture and Rural Areas and The Land Improvement Act) and system concerning agricultural and rural development.</p> <p>Based on actual example which is development of facilities for irrigation and drainage containing the Japanese farmland irrigation, understand the system and technique concerning plan, execution, operation and management of the project which is carried out to improve the agricultural productivity.</p> <p>Based on the Japanese land improvement district, understand how to establish a farmer's organization and the need for farmer's organization for proper management of existing facilities.</p> <p>Presentations and discussions of results of the training, and the making of a final report and an action plan.</p> | IMPLEMENTING PARTNER | Under Planning | |
| | JICA CENTER | JICA Tsukuba(Training) | |
| | COOPERATION PERIOD | 2010~2012 | |
| | REMARKS and WEBSITE | | |

| Agricultural Infrastructure Improvement in the Fields for Rural Development 農村開発のための畑地帯における農業基盤整備 | | PITD Trainers 1080903 Sector : Agricultural/Rural Development Sub-Sector : Agricultural Development | |
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| | | 10 participants / English | |
| OBJECTIVE | TARGET ORGANIZATION / GROUP | | |
| <p>【Course Objective】 Expertise on construction plans and execution management is shared by engineers in the target organizations.</p> <p>【Expected Module Outputs】 (1)To be able to identify challenges about the legal system, processes up to the drafting of plans and project implementation systems, environmental considerations, etc. (2)To be able to make judgments about the appropriateness of infrastructure improvement projects in terms of technical levels, economic viability, and environmental and social considerations. (3)To be able to explain typical construction methods in agricultural infrastructure improvement projects as well as highly versatile expertise and techniques. (4)To be able to explain expertise and techniques with regard to execution management and safety measures.</p> | <p>【Target Organizations】 Organizations implementing agricultural infrastructure improvement projects</p> <p>【Target Group】 1) Leading engineers with experience in surveying, planning, construction management or infrastructure management for agricultural infrastructure improvement (irrigation, drainage, agricultural land improvement, disaster prevention) in crop field farming. 2) Those who have more than 3 years of practical experience in the relevant fields. 3) Age: Under 50 years old.</p> | | |
| CONTENTS | PROGRAM PERIOD | May / 16 / 2010 ~ Aug / 7 / 2010 | |
| <p>【Preliminary Phase in home country】 To submit the Inception report which includes an introduction of work and facing problems.</p> <p>【Core Phase in Japan】 Following lectures, practical exercises, observations and discussions are provided. (1)Administrative organizations, the food situation and legislative systems in Japan, explanation of projects to local residents, environmental and social considerations. (2)Economic effects and project evaluation of land improvement projects, environmental measures, utilization of satellite data, operation of agricultural machinery. (3)Irrigation and drainage in the fields, planning and designing farm ponds, reorganization of farmland, disaster prevention on farmland, farm roads, farm land development, characteristics of civil engineering materials and utilization. (4)Safety measures, execution planning. (5)Preparation of teaching visual materials for dissemination purposes. (6)Making the Interim report including extension activities in home country.</p> <p>【Finalization Phase in home country】 To carry out trainings to other engineers using visual materials, and submit the Final report on the activities within 3 months.</p> | IMPLEMENTING PARTNER | Hokkaido Regional Development Bureau | |
| | JICA CENTER | JICA Obihiro | |
| | COOPERATION PERIOD | 2009~2011 | |
| | REMARKS and WEBSITE | http://www.hkd.mlit.go.jp/eng/index.html | |

| Upland Cereal Crops Management for Extension Officers 普及指導員のための畑作物管理 | | PITD Trainers 1080112 Sector : Agricultural/Rural Development Sub-Sector : Agricultural Development | |
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| | | 10 participants / | English |
| OBJECTIVE | TARGET ORGANIZATION / GROUP | | |
| <p>【Course Objective】 Extension plan for specific techniques of agricultural extension will be made at the target organizations.</p> <p>【Expected Module Outputs】 (1) To be able to explain concretely the causes of the specific problem on agricultural extension, or to survey to identify the causes. (2) To be able to explain the development direction of appropriate techniques. (3) To be able to explain effective way of extension with specific case. (4) Draft of extension plan for specific techniques of agricultural extension is made.</p> | <p>【Target Organizations】 Agricultural extension organizations to provide cultivation techniques on upland crops (Exclude research organizations, universities and administrative offices). 【Target Group】 (1) Agricultural extension officers on upland crops (mainly wheat, potatoes and beans) directly to farmers, or subject matter specialists. (2) over 25 and under 45 years old, and more than 3 year experience in the relevant fields. (3) In good health, both physically and mentally, not be pregnant, as this program includes field exercises.</p> | | |
| CONTENTS | PROGRAM PERIOD | May / 30 / 2010 ~ Jul / 28 / 2010 | |
| <p>【Preliminary Phase in home country】 Prepare the Inception report which includes organization chart and facing issues and problems. 【Core Phase in Japan】 Following lectures, practical exercises, observations and discussions are provided. • Participatory Rural Appraisal. • Basic techniques of cultivation and management. • Transition of agricultural development in Tokachi region. • Lessons learned in JICA projects. • Information sharing and exchange of opinions among participants. • Relation between agricultural research organization and extension activities. • Role of agricultural cooperative, farmers academy and rural development. 【Finalization Phase in home country】 Reporting in home country, authorize the Action plan and submit the Final report within 6 months.</p> | IMPLEMENTING PARTNER | Obihiro Agricultural Technical Center Obihiro Agricultural Promotion Cooperation | |
| | JICA CENTER | JICA Obihiro | |
| | COOPERATION PERIOD | 2010~2012 | |
| | REMARKS and WEBSITE | | |

| Soil Diagnosis Technology for Sustainable Agricultural Production and Environmental Conservation 持続的農業生産と環境保全のための土壌診断技術 | | PITD Trainers 1080850 Sector : Agricultural/Rural Development Sub-Sector : Agricultural Development | |
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| | | 8 participants / | English |
| OBJECTIVE | TARGET ORGANIZATION / GROUP | | |
| <p>【Course Objective】 Soil diagnosis (physical, chemical and biological) techniques and its usage are shared with researchers and engineers in the target organizations.</p> <p>【Expected Module Outputs】 (1) To be able to explain the relationships between agriculture and weather, terrain and soil conditions. (2) To be able to explain the concepts and methods of soil diagnosis to achieve the stable and value added agricultural production. (3) To be able to explain the concepts and methods of proper management and dissemination toward sustainable agriculture. (4) Activity plans (Interim reports) concerning dissemination of techniques is worked out. (5) To be transmitted the knowledge and techniques based on the activity plans.</p> | <p>【Target Organizations】 Agriculture related organizations implementing or considering the introduction soil analysis and diagnosis 【Target Group】 (1) Researcher, analyst or university teaching staff of soil analysis. (2) More than 3 year practical experience in soil analysis and technical guidance of cultivation. (3) Age: 27-40 years old.</p> | | |
| CONTENTS | PROGRAM PERIOD | May / 9 / 2010 ~ Jul / 31 / 2010 | |
| <p>【Preliminary Phase in home country】 Prepare the Inception report which includes organization chart and facing issues and problems 【Core Phase in Japan】 Following lectures, practical exercises, observations and discussions are provided. (1) Agricultural overview on world's and Japan's, especially Tokachi agriculture. (2) Introduction to soil diagnosis (Soil analysis, utilization of soil diagnosis). (3) Soil improvement techniques (Water quality, soil heavy metal analysis and cooperation between farming and stockbreeding). (4) Project Cycle Management. (5) Make the practical Interim report including specific Action plan after returning. 【Finalization Phase in home country】 Reporting in home country, authorize the Action plan and submit the Final report within 6 months.</p> | IMPLEMENTING PARTNER | Obihiro University of Agriculture and Veterinary Medicine | |
| | JICA CENTER | JICA Obihiro | |
| | COOPERATION PERIOD | 2009~2011 | |
| | REMARKS and WEBSITE | http://www.obihoro.ac.jp/english/ind ex.html | |

| Poultry Production, Management and Disease prevention Technology 鶏飼養管理・生産技術及び鶏病対策 | | PITD Trainers 1080826 Sector : Agricultural/Rural Development Sub-Sector : Agricultural Development | |
|---|---|---|---------|
| | | 10 participants / | English |
| OBJECTIVE | TARGET ORGANIZATION / GROUP | | |
| <p>[Objectives] To dissemination of the knowledge and technology for poultry industrial promotion suitable for the area condition and therefore supervision, lead and advice of the administrative officer or the technical expert of the educational institution at the national or the regional level are necessary.</p> <p>[Outputs] (1)To understand Feeding Management in poultry, and to be able to conduct and disseminate poultry management suitable (2) To understand Reproduction and Breeding in poultry, and to be able to apply the result to breeding and multiplication of breeds suitable for the area condition. (3)To understand Nutrition and Feed, and to be able to apply the result to designing feed (4) To understand Health control measures in poultry, especially basic disease control concerning avian flu (5) To understand comprehensive knowledge and skills on poultry farming, and to be able to plan poultry industry development policy suitable for the area condition.</p> | <p>[Target Organizations] Administrative organ, technical extension organ and research and educational institute</p> <p>[Target Group] (1) Farming administrative/technical extension staff in central and local government/institute (2) Individuals who have more than 3 years experiences in poultry (3) University graduates or equivalent (4) Individuals with a good command of English (5) Age: under 45 years old (6) Individuals in good health, both physically and mentally, to undergo the course of rigorous training (7) Must not be serving any form of military service</p> | | |
| CONTENTS | PROGRAM PERIOD | Aug / 24 / 2010 ~ Nov / 13 / 2010 | |
| <p><Preliminary Phase in a participant's home country> • Country Report on poultry sector</p> <p><Core Phase in Japan> (1) Lecture on metabolism and feeding management for improving growth and egg productivity (2) Lecture and practice on reproductive physiology. • Practice on semen collection and artificial insemination. (3) Lecture on outline of poultry nutrition, nutritional characteristics of common feed and the ones which are used in the developing countries, theoretical feed designing method (incl. practice) (4) Lecture and practice on epidemic prevention (disinfecting method of poultry houses and equipment, the type of vaccines and their applying methods, diagnostic method of major infectious disease, quarantine of imported animal). (5) Lecture and practical training on basic knowledge of rural development. Making, presentation and discussion about Action Plan by every participant.</p> <p><Finalization Phase in a participant's home country> • Implementaaiton on action plan</p> | IMPLEMENTING PARTNER | NLBC(National Livestock Breeding Center) | |
| | JICA CENTER | JICA Tohoku | |
| | COOPERATION PERIOD | 2008~2010 | |
| | REMARKS and WEBSITE | N/A | |

| Cattle Artificial Insemination Extension System 牛人工授精普及システム | | PITD Trainers 1080714 Sector : Agricultural/Rural Development Sub-Sector : Agricultural Development | |
|--|---|---|---------|
| | | 10 participants / | English |
| OBJECTIVE | TARGET ORGANIZATION / GROUP | | |
| <p>The purpose of this program is to provide participants with basic knowledge and practical techniques coupled with the latest information on cattle production, related improvement technology, semen production, artificial insemination, genetic improvement method, extension system, and artificial insemination planning and thus to assist them in designing their own systems in their respective countries.</p> <p>Through the training program, participants are expected: (1) To gain thorough understandings of extension system of cattle AI to be able to plan and design the extension systems in the respective countries. (2) To understand the reproduction of female cattle to be able to practice the AI and the pregnancy diagnosis. (3) To understand the feeding management of female cattle to apply the acquired knowledge to the improvement of reproduction. (4) To understand the dilution and freezing of cattle semen to be able to practice the process from semen collection to semen freezing. (5) To understand the theories of genetic improvement in cattle to be able to set up targets for the improvement in the respective countries.</p> | <p>(1) Be engaged in administration, research and/or extension works in the livestock industry, holding a veterinarian's license or artificial inseminator's license. (2) University graduate or equivalent academic background and practical experience. (3) Under 40 years old in principle. (4) People who have enough English language skill (5) People who are mentally and physically healthy and are not pregnancies (6) People who do not belong to military forces</p> | | |
| CONTENTS | PROGRAM PERIOD | May / 22 / 2010 ~ Aug / 15 / 2010 | |
| <p>The program will consist mainly of lectures and practical training, in which the NLBC staff and visiting professionals will provide expertise and instruction on the respective subjects. This will be supplemented by observational trips to related agencies and institutions. The major subjects are as follows: (1) Outline of the livestock industry (2) Technical extension (3) Reproductive physiology/reproduction management (4) Artificial insemination/pregnancy diagnosis method (5) Breeding management/improvement of reproduction (6) Semen production technology (7) Genetic improvement</p> | IMPLEMENTING PARTNER | National Livestock Breeding Center | |
| | JICA CENTER | JICA Tohoku | |
| | COOPERATION PERIOD | 2006~2010 | |
| | REMARKS and WEBSITE | http://www.nlbc.go.jp/english/index.html | |

| OBJECTIVE | TARGET ORGANIZATION / GROUP | |
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| <p>To create an action plan based on knowledge and skills with this course to solve their country's problem related livestock sector and to propose the action plan to their organization.</p> <p>[Objective1]To explain clearly the current situation and issues of Pasture based livestock farming in their own country</p> <p>[Objective2]To acquire knowledge and skills on various aspects of sustainable pastured based livestock farming, and to be able to practice</p> <p>[Objective3]To acquire effective extension and presentation skills and to be able to practice</p> <p>[Objective4]To create an action plan toward the resolution of own country's issues by using acquired knowledge and skills in this course</p> <p>[Objective5]To report an action plan to their sdepartment</p> | <p>Target Organization: Governmental Organ related to livestock raising</p> <p>Target Group: (1)Extension officers of governmental organ, Technical official related to stock raising (2)Experience of three years or more in livestock raising field (3)People who have enough English language skill (4)People who are mentally and physically healthy and are not pregnancies (5)People who do not belong to military forces</p> | |
| <p>CONTENTS</p> | <p>PROGRAM PERIOD</p> | <p>Apr / 10 / 2010 ~ Aug / 15 / 2010</p> |
| <p>For clear own country's current issues, Study about Japanese livestock sector and producing and utilization various of forage crops, and presentetion country report, discuss and share the opinion with others</p> <p>Study sustainable pasture based livestock farming grounded on scientific approach, by lecture and practical training, observation study.</p> <p>Upgrade extension and presentation skills: Technical extension method, rural survey, gender issue, using multi-media(computer etc), agricultural cooperatives by lecture and practical training</p> <p>Acquire the specific approches for solving own country's issues: Introduction Japanese International Cooperation in the field of livestock sector by lecture and practical traning (Review and follow-up care)</p> | <p>IMPLEMENTING PARTNER</p> | <p>National Livestock Breeding Center Incorporated Administrative Agency</p> |
| | <p>JICA CENTER</p> | <p>JICA Tohoku</p> |
| | <p>COOPERATION PERIOD</p> | <p>2010~2012</p> |
| | <p>REMARKS and WEBSITE</p> | |

| OBJECTIVE | TARGET ORGANIZATION / GROUP | |
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| <p>[Objective] Extension seminars about knowledge and technology of irrigation and drainage are held by participants in their belonging organizations.</p> <p>[Outputs] 1. Issues on irrigation and drainage in participants' countries are explained. 2. Examples of agricultural development by irrigation and drainage are comprehended and explained. 3. Basic theory necessary for irrigation and drainage is comprehended and explained. 4. Knowledge and technology about investigation/designing/maintenance of irrigation and drainage are comprehended and explained. 5. Knowledge and technology of irrigation and drainage through the training program in Japan are extended in participants' belonging organizations.</p> | <p>[Target Organization] Central/Local government or equivalent affiliated organization responsible for irrigation and drainage projects</p> <p>[Target Group] 1. Irrigation and drainage engineers who belong to Central/Local government or equivalent affiliated organization 2. Engineers who have more than 3 years experience in the field of irrigation and drainage 3. Engineers who promise to hold the seminars for extension with in 2 months after returning to home country and to submit the report.</p> | |
| <p>CONTENTS</p> | <p>PROGRAM PERIOD</p> | <p>Feb / 6 / 2011 ~ Aug / 27 / 2011</p> |
| <p>1. Participants compile inception reports on issues in responsible areas of participants' belonging organizations through the advanced program.</p> <p>2. Lecture/Exercise/Observation about agricultural development in Japan are conducted. Participants conduct the poster session of agricultural development by irrigation and drainage in each countries.</p> <p>3. Lecture/Exercise on basic theory of irrigation and drainage are conducted. Examination for the basic theory is conducted.</p> <p>4. Lecture/Exercise/Observation about investigation/designing/maintenance of irrigation and drainage are conducted. Examination for these knowledge and technology is conducted, and certain scores are gained by participants.</p> <p>5. Participants hold Extension seminars about knowledge and technology of irrigation and drainage in participants' belonging organizations. Participants also submit reports of extension seminars.</p> | <p>IMPLEMENTING PARTNER</p> | <p>Suspense</p> |
| | <p>JICA CENTER</p> | <p>JICA Tsukuba(Training)</p> |
| | <p>COOPERATION PERIOD</p> | <p>2010~2012</p> |
| | <p>REMARKS and WEBSITE</p> | |

| OBJECTIVE | TARGET ORGANIZATION / GROUP | |
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| <p>【Objectives】 To acquire rice cultivation techniques and methods of assessment of traditional techniques based on local needs through conducting experiments, themes of which are decided by the participants' organizations, and to formulate an authorized Action Plan for capacity development of the participants' organization.</p> <p>【Expected Results】 1.Participants analyze technical and organizational issues on development rice cultivation techniques and organizations. 2.Participants understand fundamental rice cultivation techniques and methods of research. 3.Participants conduct individual experiment and write experimental report based on the results of it. 4.Participants understand various knowledge and methods for solving issues on development rice cultivation techniques. 5.Participants formulate Action plan for solving issues on development rice cultivation techniques and the plan is authorized by the organization.</p> | <p>【Target Organizations】 Administrative Body, Research and Experiment Station, Extension Center, etc.</p> <p>【Target Group】 1.Researchers or technicians in the field of rice. 2.At least 3 years of experience in the above field 3.University graduates or with equivalent background in the Agronomy</p> | |
| CONTENTS | PROGRAM PERIOD | Feb / 6 / 2011 ~ Nov / 12 / 2011 |
| <p>【Preparatory Program】 1.Analyzation of issues on development rice cultivation techniques and organizations <Preparation of Inception Report></p> <p>【Program in Japan】 2.Acquisition of basic techniques on rice cultivation (Morphology, Physiology and Ecology, Soil Environment and Physiology of Plant Nutrition, Rice Breeding, Weed Control, Diseases and Insect Pests) and basic research methods (Statistical Analysis, Referring scientific literature) <Lectures, Observations and Practices, Study Tours> 3.Implementation of individual experiment <Preparation and presentation of technical report> 4.Acquisition of various knowledge and methods for solving issues (Extension methods, Project Cycle Management) <Preparation of Action Plan></p> <p>【Post Program】 5.Discussion, revision, authorization and submission of Action Plan</p> | IMPLEMENTING PARTNER | Overseas Agricultural Development Association (OADA) |
| | JICA CENTER | JICA Tsukuba(Training) |
| | COOPERATION PERIOD | 2008~2010 |
| | REMARKS and WEBSITE | |

| OBJECTIVE | TARGET ORGANIZATION / GROUP | |
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| <p>【Objective】 The plan of dissemination of vegetable cultivation technology extracted as a problem in responsible area is made in belonging organization</p> <p>【Expected Results】 1. To be able to explain the situation and problems of both vegetable cultivation in small scale farmers and vegetable technology extension system 2. To be able to demonstrate Japanese useful vegetable cultivation technologies 3. To be able to demonstrate the vegetable cultivation technologies, which participants extracted before. 4. The draft plan (or, teaching materials plan) for disseminating the vegetables cultivation technology extracted as a problem in a small scale farmers is summarized as an action plan 5. Making a final action plan after consideration of the action plan in the belonging organization</p> | <p>【Target Organizations】 The organization of responsible for vegetable production or extension, such as agricultural research institute or university, agricultural extension institutes and NGO.</p> <p>【Target Group】 Personnel with work experiences in vegetable production or extension for more than 3 years.</p> | |
| CONTENTS | PROGRAM PERIOD | Feb / 6 / 2011 ~ Nov / 12 / 2011 |
| <p>This program will be implemented by Experiment and Practices, Lecture and Study tour. This program is designed focusing on the Experiment/Practical Training and its ratio of allocation of time is approximately 6:3:1. Participants will conduct individual experiments, to apply the acquired technologies for their countries, to arise the ability of analyzing of results and to make reports.</p> <p>*The main Topics* 1) Environment-friendly vegetable cultivation technology for high yield and quality. 2) Vegetable seed production technology 3) Field experimentation, technical report writing and presentation skills. 4) Socioeconomic background, reserch and extension, and farm management for vegetable 5) Problem analysis, action plan making and presentation 6) Others</p> | IMPLEMENTING PARTNER | Appropriate Agriculture International Co. Ltd |
| | JICA CENTER | JICA Tsukuba(Training) |
| | COOPERATION PERIOD | 2009~2011 |
| | REMARKS and WEBSITE | Individual experiment will be planned according to the issues that each participants or their institutions analyze. |

| Conservation and Sustainable Use of Plant Genetic Resources 植物遺伝資源の保存と持続的利用 | | PITD Trainers 1080770 Sector : Agricultural/Rural Development Sub-Sector : Agricultural Development | |
|---|---|---|---------|
| | | 4 participants / | English |
| OBJECTIVE | TARGET ORGANIZATION / GROUP | | |
| <p>[Objectives] Researchers who are in charge of Conservation and Sustainable Use of Plant Genetic Resources become to prepare Action Plans of technical transfer to their own job and their organization.</p> <p>[Expected Results] 1. A well summarized report to explain the present status of the countries and their institutes 2. A report compiled to explain the conservation of plant genetic resources the activities of the countries 3. Capacity building on integrated knowledge and technology concerning plant genetic resources research fields 4. Acquisition of research capacity on plant genetic resources research 5. A proposal to transfer and use obtained knowledge and experimental techniques after going back to countries</p> | <p>Applicants should:</p> <p>(1) be university graduates or equivalents; MSc holder preferable but non Ph. D. holders, (2) be presently engaged in research work in the field of plant genetic resources with more than 3 years of experience, (3) be over 25 and under 40 years of age, (4) have a sufficient command of spoken and written English to be able to conduct research</p> | | |
| CONTENTS | PROGRAM PERIOD | May / 30 / 2010 ~ Nov / 13 / 2010 | |
| <p>1. Participants compile an inception report on the present situation on the plant genetic resources, problems to be solved, and research capacity of the countries and especially of their affiliated institutes. 2. Participants understand prevailing international situation on plant genetic resources and the present status of their countries. 3. Participants acquire necessary knowledge and technology for exploration, conservation, information management, evaluation and utilization of plant genetic resources in relation with crop breeding. 4. Participants acquire necessary experimental techniques and research capability by making plans, implementation and data analysis of individual investigation of topics on plant genetic resources. 5. Participants make proposals to transfer knowledge and experimental methodology obtained to their affiliated institutes and other institutes in their countries.</p> | IMPLEMENTING PARTNER | National Institute of Agrobiological Science (NIAS) | |
| | JICA CENTER | JICA Tsukuba(Training) | |
| | COOPERATION PERIOD | 2008~2010 | |
| | REMARKS and WEBSITE | | |

| Development Farm Machinery for Small-Scale Farmers 小規模農家用適正農機具開発普及 | | PITD Trainers 1080199 Sector : Agricultural/Rural Development Sub-Sector : Agricultural Development | |
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| | | 10 participants / | English |
| OBJECTIVE | TARGET ORGANIZATION / GROUP | | |
| <p>1. To upgrade the ability of the candidates on the basic knowledge and technology needed for manufacturing farm machinery</p> <p>2. Candidates should be expected after participation of the course as follows: 1)Can be explain the present situation of the farm machinery and constraints or problems of the farm mechanization the participant's country 2)Can be explain the present situation of the farm machinery and mechanization in Japan 3)Fabrication of farm machinery appropriated in the participant's country 4)Formulation of Action Plan on farm machinery 5)Application and implementation of the Action Plan (interim report) back in the participant's country and submission of its final report</p> | <p>Farm machinery engineer (extension worker, leader of farmers' group), in charge of farm machinery development for rural areas.i</p> | | |
| CONTENTS | PROGRAM PERIOD | Feb / 6 / 2011 ~ Oct / 15 / 2011 | |
| <p>(1)Preliminary Phase in a participant's home country Formulation and submission of Inception Report</p> <p>(2) Core Phase in Japan a.To understand:Fabrication of Farm Machinery/Implements b.To understand:Farm Mechanization c.To understand :Extension of Farm Technology d.Formulation of Action Plan on Farm Machinery</p> <p>(3)Finalization Phase in a participant's home country Application and implementation of the action plan (interim report) back in the participant's country and submission of its final report</p> | IMPLEMENTING PARTNER | TSUKUBA INTERNATIONAL CENTRE, JICA | |
| | JICA CENTER | JICA Tsukuba(Training) | |
| | COOPERATION PERIOD | 2010~2012 | |
| | REMARKS and WEBSITE | Complemented Training Program after the Training in Japan should be expected to carry out in Thailand for 2 to 3 weeks. | |

| Research on Veterinary Technology 獣医技術研究 | | PITD Trainers 1080866 Sector : Agricultural/Rural Development Sub-Sector : Agricultural Development | |
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| | | 4 participants / English | |
| OBJECTIVE | TARGET ORGANIZATION / GROUP | | |
| <p>【Course Objective】 Participants develop self-reliant capacity to control animal diseases including transmissible diseases between human being and animals and assure safe-food. In addition, participants practice concrete activities to improve problems of the belonging organization, after returning to the respective countries.</p> <p>【Expected Module Outputs】</p> <ol style="list-style-type: none"> 1. To learn necessary technologies to diagnose and prevent animal disease 2. To learn necessary comprehensive knowledge about animal research 3. To learn data analysis and reporting of research papers 4. To practice technologies, knowledge and skills gained 5. Implementation / Approval for Action plan by belonging institute | <p>【Target Organizations】 National Institute and universities of veterinary research, Institutes for animal diseases diagnostics</p> <p>【Target Group】 *Veterinarian who is not on the register in military forces *More than 5 (five) years experience in related fields *Sufficient command of spoken and written English to be able to conduct research</p> | | |
| CONTENTS | PROGRAM PERIOD | Mar / 27 / 2011 ~ Oct / 29 / 2011 | |
| <p>【Preparatory Program】 Inception Report making</p> <p>【Program in Japan】</p> <ol style="list-style-type: none"> 1. Group training (about 1 month) -Lecture(Comprehensive knowledge about animal research) 2. Individual training & research(about 5 months) -Technologies to diagnose and prevent animal disease -Data analysis and reporting of research papers 3. Problem solving and Transfer of acquired skills 4. Action Plan presentation with related people in participants' countries and Japan <p>【Post Program】 Making revised action plan and Submission as Final Report</p> | IMPLEMENTING PARTNER | 1. National Institute of Animal Health 2. Japan Livestock Technology Association | |
| | JICA CENTER | JICA Tsukuba(Training) | |
| | COOPERATION PERIOD | 2009~2011 | |
| | REMARKS and WEBSITE | 1. National Institute of Animal Health http://niah.naro.affrc.go.jp/index.html 2. Japan Livestock Technology Association http://jlta.lin.gr.jp/english/index.html | |

| Integrated Pest Management for Plant Protection 植物保護のための総合防除 | | PITD Trainers 1080810 Sector : Agricultural/Rural Development Sub-Sector : Agricultural Development | |
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| | | 12 participants / English | |
| OBJECTIVE | TARGET ORGANIZATION / GROUP | | |
| <p>【Objectives】the agricultural extension workers realize implementation of Integrated Pest Management (IPM) plan suited for the climatic, economic and social conditions of each country for farmers in the jurisdictional area of the organizations to which participants belong. The participants learn global needs for sustainable system not only for food production but in conservation of landscape and biodiversity.</p> <p>【Outputs】</p> <ol style="list-style-type: none"> (1) To be able to explain about the background, theoretical basis and practices of the Integrated Pest Management (IPM). (2) To be able to explain about plant diseases; diagnosis and control plan. (3) To be able to explain about insect pests; diagnosis and control plan. (4) To be able to explain about weeds; diagnosis and control plan. (5) To be able to explain about chemical control, biotechnological method, etc. (6) To make IPM plan suited for each country (7) To implement IPM plan | <p>【Target Organizations】 central and local governmental organizations including research organizations, universities and extension offices in the field of plant protection</p> <p>【Target Group】 Technical officers in charge of plant protection</p> | | |
| CONTENTS | PROGRAM PERIOD | Jun / 7 / 2010 ~ Sep / 4 / 2010 | |
| <p>【Preliminary Phase in a participant's home country】 Formulation and submission of Job Report</p> <p>【Core Phase in Japan】</p> <ol style="list-style-type: none"> (1) Lectures on the theory and application of Integrated Pest Management to control plant pests; visiting institutes of advanced researches. (2) Discussion on infection mechanism and control of plant pathogens. (3) Discussion on forecasting and control of pest insects, including biological control. (4) Discussion on theory and practice of weed control. (5) Discussion on chemical control and advanced biological technology, including GMO, for pest management. (6) IPM Plan preparation and presentation <p>【Finalization Phase in a participant's home country】 Application and implementation of IPM plan in the participant's country and submission of its progress report</p> | IMPLEMENTING PARTNER | Kobe University (School of Agri.) Hyogo Prefectural Technology Center for Agri., Forestry and Fisheries | |
| | JICA CENTER | JICA Hyogo | |
| | COOPERATION PERIOD | 2008~2010 | |
| | REMARKS and WEBSITE | | |

| Foodborne Infection Prevention 食品微生物検査技術 | | PITD Trainers 1080808 Sector : Agricultural/Rural Development Sub-Sector : Agricultural Development | |
|--|---|---|---------|
| | | 5 participants / | English |
| OBJECTIVE | TARGET ORGANIZATION / GROUP | | |
| <p>[Objective] A plan to diffuse microbial examination techniques for upgrading inspection capability will be formulated by food inspection organization.</p> <p>[Outputs] (1) To share information on the current situation and issues of participating countries (2) To be able to explain about the features of main pathogenic microorganisms causing food infection and latest inspection methods b (3) To be able to explain about the concept and practice of GLP (Good Laboratory Practice) (4) To be able to practice rapid and simplified techniques (5) To formulate action plan (interim report) on use of acquired knowledge and skills to share with lab staff in the same organization</p> | <p>[Target Organizations] Governmental and non-governmental organizations in the field of food microbial inspection</p> <p>[Target Group] (1) Current Duties: be a researchers or technical officer presently engaged in food microbial inspection in laboratory. Inspectors engaged only in sampling are not suitable for this course. (2) Experience: have more than three (3) years' experience in the field of food microbial control (3) Educational Background: be a graduate of university or equivalent</p> | | |
| CONTENTS | PROGRAM PERIOD | Feb / 7 / 2011 ~ Apr / 29 / 2011 | |
| <p>[Preliminary Phase] Formulation and submission of job report. Preparation for the report presentation</p> <p>[Core Phase] Related to output (1): Lectures and Presentation: Job report and following discussion, Food Sanitation Law and monitoring of imported foods Related to output (2): Lectures and Lab Practices: Present situation of foodborne infection, standardization of examination methods, food poisoning bacteria and inspection method (<i>Listeria</i>, <i>Campylobacter</i>, <i>Clostridium perfringens</i>, etc.), microbial examination for Food Standards (<i>Salmonella</i>, <i>E-coli</i> O157 etc.) Related to output (3)(4): Lectures and Lab Practices: Pathogenic <i>Vibrio</i>, GLP, simple & rapid inspection method such as ELISA, EIA, Chromogenic medium, PCR, etc. Related to output (5): Making and presentation of action plan: Guidance sessions</p> <p>[Finalization Phase] Submission of its final report to JICA 3 months after the return.</p> | IMPLEMENTING PARTNER | Kobe Quarantine Station, Kobe Institute of Health, etc. | |
| | JICA CENTER | JICA Hyogo | |
| | COOPERATION PERIOD | 2008~2010 | |
| | REMARKS and WEBSITE | Current issues such as Norovirus, <i>Campylobacter</i> , <i>E-coli</i> O157, etc. are included in the curriculum in order to meet the needs of participating countries. | |

| Appropriate Management of Land and Water Resources for Effective Utilization in Arid/Semi-arid Regions 乾燥地における土地・水資源の適正管理と有効利用 | | PITD Trainers 1080890 Sector : Agricultural/Rural Development Sub-Sector : Agricultural Development | |
|--|---|---|---------|
| Target Countries: African and Arabic countries with less than 0.5 Aridity Index | | 11 participants / | English |
| OBJECTIVE | TARGET ORGANIZATION / GROUP | | |
| <p>[Objective] Chief engineers of central and regional government who are in charge of land and water resources management, and researchers in the same field, will acquire necessary knowledge for the proper management of land and water resources, and disseminate what have acquired to their respective organizations.</p> <p>[Outputs] To achieve the above mentioned objective, participants will acquire sufficient knowledge and skills in the following fields: (1) monitoring and analysis of land and water resources (2) proper utilization of water resources (3) field water management (4) land use and land management (5) wholesome agricultural and rural management</p> | <p>[Target Organizations] Government agencies in charge of land and water resource management, and research institutions in the same field</p> <p>[Target Group] Current Duties: in charge of land and water resource management Work Experience: more than 3 years of experience in the fields concerned Educational Background: university degree or equivalent in agriculture or engineering</p> | | |
| CONTENTS | PROGRAM PERIOD | Aug / 25 / 2010 ~ Jan / 14 / 2011 | |
| <p>1. Training in Japan Through the following lectures, exercises, and observations, participants will acquire comprehensive knowledge and skills. (1) Land and Water Management in Japan (2) Water Resource Management (3) River System Management (4) Management of Irrigation and Drainage Facilities (5) Field Water Management (6) Management of Soil Physical Properties (7) Plant Management (8) Soil Management and Fertilization (9) Rural Management (10) EIA (11) Management of GIS (12) Surface Water Hydrology and Flood Control (13) Application of GIS in Hydrology (14) Water Quality and Protection</p> <p>2. Third Country Phase in Egypt Participants will apply and practice the knowledge and skills acquired in Japan.</p> <p>3. Finalization phase in home country Participants will disseminate what have acquired in Japan and Egypt to their respective organizations, and submit a progress report to JICA.</p> | IMPLEMENTING PARTNER | Tottori University | |
| | JICA CENTER | JICA Chugoku | |
| | COOPERATION PERIOD | 2009~2011 | |
| | REMARKS and WEBSITE | After the technical training in Japan, supplementary training will be implemented in Egypt for 4 weeks, and participants will acquire more practical knowledge and skills to utilize in their respective countries. | |

| Thermal treatment for the disinfection of fruit flies ミバエ類温度処理殺虫技術 | | PITD Trainers 1080824 Sector : Agricultural/Rural Development Sub-Sector : Agricultural Development | |
|---|--|---|--|
| | | 5 participants / English | |
| OBJECTIVE | TARGET ORGANIZATION / GROUP | | |
| <p>[Objective] Plant quarantine technicians in countries infested with fruit flies acquire quarantine treatment techniques suited to their conditions.</p> <p>[Output]</p> <p>(1) Participants can explain how to rear fruit flies in laboratories and how to make infested fruits for the disinfection test. (2) Participants can explain the procedures of a series of thermal disinfection test and the methods of experimental data analysis, after actually conducting these trials in the heat treatment and the cold treatment. (3) Participants can explain the procedures of a series of fruit heat or chilling injury test and the methods of experimental data analysis, after actually conducting these trials. (4) Participants can explain the fruit fly eradication program and the control of fruit flies, Japanese distribution system for imported agricultural commodities and the plant quarantine system in the participant's countries and Japan, after getting information about them. (5) Participants can explain about the problems of fruit flies, and can make an action plan for them.</p> | <p>[Target Organizations] Plant quarantine organization</p> <p>[Target Group]</p> <p>(1) be engineers of plant quarantine treatment(s) (vapor heat, cold treatment, etc), inspectors and officials of plant protection sectors (2) have experience in the plant quarantine works and have sufficient knowledge about fundamental entomology such as fruit flies (3) be university graduate or equivalent (4) have a good command of English enough to make an oral presentation and write a report</p> | | |
| CONTENTS | PROGRAM PERIOD | May / 11 / 2010 ~ Sep / 4 / 2010 | |
| <p><Preliminary Phase in a participant's home country >Formulation of Job Report <Core Phase >(activities in Japan)</p> <p>(1) Morphology and Taxonomy of fruit flies (Lecture and Exercise), Genetic analysis (Lecture and Exercise) (2) Disinfection methods on plant quarantine (Lecture and Observation), Techniques of disinfection test in heat and cold treatment (Lecture and Exercise) (3) Fruit injury test in vapor heat and cold treatment (Lecture and Exercise), Method of data analysis in fruit injury test (Lecture and Exercise) (4) Plant Quarantine system in Japan (Lecture and Observation), Eradication Techniques for Pests (Lecture and Observation) of agricultural commodities (Lecture and Observation) (5) SWOT Analysis (a method of issue analysis) (Lecture and Exercise), Drafting and Presentation of Action Plan (Exercise and Discussion), Writing and Presentation of Final Report (Exercise)</p> <p><Finalization Phase >(activities in home country) Submission of the progress report of action plan</p> | IMPLEMENTING PARTNER | Naha Plant Protection Station, Ministry of Agriculture, Forestry and Fisheries | |
| | JICA CENTER | JICA Okinawa | |
| | COOPERATION PERIOD | 2008~2010 | |
| | REMARKS and WEBSITE | Expectations for the Participants: be related with JICA programs in this field will be preferable | |

| Animal Agriculture for Sustainable Rural Development 持続的農村開発のための畜産振興 | | PITD Solution 1080042 Sector : Agricultural/Rural Development Sub-Sector : Agricultural Development | |
|--|--|---|--|
| | | 8 participants / English | |
| OBJECTIVE | TARGET ORGANIZATION / GROUP | | |
| <p>[Project Objective] The direction of planning to improve productivity of animal agriculture for sustainable rural development will be realized by the organizations that promote animal agriculture.</p> <p>[Expected Module Outputs]</p> <p>(1) The problems in animal agriculture in participant's country will be clarified. (2) Optimum technologies to alleviate problems and improve productivity in animal agriculture will be realized. (3) Means to improve rural life standard through appropriate utilization, processing and distribution of agricultural products/by-products will be realized. (4) Possibilities to adapt technologies and knowledge obtained in Hokkaido/Tokachi region for sustainable rural development will be realized. (5) Future directions to improve the productivity of animal agriculture for sustainable rural development will be presented.</p> | <p>[Target Organizations] Administrative organizations, research/educational institutes and NPO such as dairy cooperatives related to animal agriculture</p> <p>[Target Group]</p> <p>(1) Officers at senior staff level or higher in administrative organizations, research institutes, and NPO like dairy cooperative, and lecturers or higher in universities. (2) Those who have more than 3 years of experience in Research and Development, and policy making in livestock sector. (3) Those who are in positions which are able to plan livestock promotion policies or make suggestions.</p> | | |
| CONTENTS | PROGRAM PERIOD | Jul / 19 / 2010 ~ Sep / 18 / 2010 | |
| <p>[Preliminary Phase in home country] To submit the Inception report which includes an introduction of work, problems, and the expected solutions.</p> <p>[Core Phase in Japan] Following lectures, practical exercises, observations and discussions are provided.</p> <p>(1) Problems that agricultural sectors face in the world and trial cases to solve them (2) Lectures and practices for analyzing problems. (3) Discussions for clarifying the problems. (4) Livestock management (breeding, reproduction, feeding, etc), stable supply of feed, and hygiene of animals and products. (5) Quality control, processing and distribution of agricultural products, and utilization of manure and prevention of pollution. (6) Visiting farms, cooperatives, local processing factories, research institutes, etc. (7) Making and presenting the Interim Report.</p> <p>[Finalization Phase in home country] To report in home country, authorize the Action plan and submit the Final report within 6 months.</p> | IMPLEMENTING PARTNER | Obihiro University of Agriculture and Veterinary Medicine | |
| | JICA CENTER | JICA Obihiro | |
| | COOPERATION PERIOD | 2010~2012 | |
| | REMARKS and WEBSITE | http://www.obihoro.ac.jp/english/index.html | |

| OBJECTIVE | TARGET ORGANIZATION / GROUP | |
|--|---|---|
| <p>【Project Objective】 To develop Action plan of introducing agricultural production system for combining both production increase and environmental conservation by using agricultural machinery and farm equipment.</p> <p>【Expected Module Outputs】 (1) To be able to explain the general concept and importance of environment-oriented agriculture (EOA) with examples. (2) To be able to analyze soil and water, and collect basic field data for management. (3) To be able to sort issues of cultivation management and its dissemination from the view point of EOA as compare to Japan and economic evaluation. (4) To be able to propose optimum use of agricultural machinery or farm equipment based on cultivation management, mentioned in the output (3). (5) To be able to draft the technical development plan based on EOA with considering actual conditions of their organizations.</p> | <p>【Target Organizations】 Organizations where introduction of agricultural mechanization and/or crop cultivation are related.</p> <p>【Target Group】 (1) Public officers or researchers at chief level, extension workers or teachers at higher education organizations. (2) More than 3 year practical experience in technological development or technical guidance of crop cultivation or agricultural machinery. (3) Age: 25-50 years old.</p> | |
| CONTENTS | PROGRAM PERIOD | Jul / 19 / 2010 ~ Nov / 6 / 2010 |
| <p>【Preliminary Phase in home country】 Prepare the Inception report which includes organization chart and facing issues and problems.</p> <p>【Core Phase in Japan】 Following lectures, practical exercises, observations and discussions are provided. (1) Environmental-oriented agriculture, environmental pollution, biomass energy (2) Methodology of soil analysis (3) Evaluation of environmental cost and benefit (4) Appropriate utilization method of agricultural machinery (5) Making a practical Interim report including specific action plan after returning</p> <p>【Finalization Phase in home country】 Reporting in home country, authorize the Action plan and submit the Final report within 6 months.</p> | IMPLEMENTING PARTNER | Obihiro University of Agriculture and Veterinary Medicine |
| | JICA CENTER | JICA Obihiro |
| | COOPERATION PERIOD | 2009~2011 |
| | REMARKS and WEBSITE | http://www.obihiro.ac.jp/english/index.html |

| OBJECTIVE | TARGET ORGANIZATION / GROUP | |
|--|--|---|
| <p>【Objective】 Participants are expected to achieve the following so as to obtain ability to propose solutions about problems that projects have.</p> <p>【Expected Outputs】 They can explain: 1. Relation between farming plan and irrigation plan; 2. Basic techniques to plan and conduct efficient water management, and water circulation including drainage; 3. Efficient water management and distribution system to farmers' field; 4. Function of irrigation system as well as water management techniques and facility maintenance techniques; and 5. Sustainable water management and facility management system as well as method of analysis and identification on problem and project planning.</p> | <p>【Target Organizations】 Central or Regional Governmental organizations responsible for planning and operation (including water users' associations) of irrigation and drainage projects in lowland or upperland field.</p> <p>【Target Group】 1. be an engineer in charge of planning and operation of irrigation and drainage projects 2. have more than 5 year experience in the field of irrigation, civil engineering, etc.</p> | |
| CONTENTS | PROGRAM PERIOD | Jun / 27 / 2010 ~ Nov / 27 / 2010 |
| <p>1. Preliminary Phase Preparation of Inception Report to summarize a present situation and problems of irrigation and drainage projects</p> <p>2. Core Phase in Japan Based on training results, participants prepare a technical report (answers to problems) and an action plan (activities during 6 months after return). ① Basic techniques of irrigated agriculture, and irrigation and drainage system ② Water management and operation and maintenance, and rehabilitation technique ③ Organization launch of water management and facility management ④ Analysis and identification of problems and project planning</p> <p>3. Posterior Phase in home country Participants present progress reports within 6 months after return.</p> | IMPLEMENTING PARTNER | Agricultural Development Consultants Association |
| | JICA CENTER | JICA Tsukuba(Training) |
| | COOPERATION PERIOD | 2006~2010 |
| | REMARKS and WEBSITE | http://www.adca.or.jp |

| Agrobiotechnology for Sustainable Agriculture 持続可能な農業のためのアグロバイオテクノロジー | | PITD Solution 1080003 Sector : Agricultural/Rural Development Sub-Sector : Agricultural Development | |
|---|--|---|---------|
| | | 8 participants / | English |
| OBJECTIVE | TARGET ORGANIZATION / GROUP | | |
| <p>[Objective] Participating governmental research organizations and universities in the field of agrobiotechnology will be able to construct implemental plans for agricultural problems, especially on food production, safety and environmental protection.</p> <p>[Outputs]</p> <p>(1) To be able to organize the problems of food production, safety and environmental protection on agrobiotechnology and status of application</p> <p>(2) To be able to explain fundamental principles in biotechnology concerning with food production, safety and environmental protection.</p> <p>(3) To be able to explain and practice the general situation of biotechnology and its application in the fields of microorganisms, livestock, higher plants, and contaminant chemicals.</p> <p>(4) To be able to select biotechniques to solve the agricultural problems in participating countries and make planning a research project which will be studied for its feasibility.</p> | <p>[Target Organization] Governmental research organization and universities in the field of biotechnology and bioscience</p> <p>[Target Group]</p> <p>(1) Current Duty: be a researcher or technologist engaged in research activities in microorganisms, livestock and higher plants</p> <p>(2) Experience: have more than 3 years in these field</p> <p>(3) Educational Background: university graduates with master degree</p> <p>(4) Age: from 26 to 34 years old</p> | | |
| CONTENTS | PROGRAM PERIOD | Mar / 28 / 2011 ~ Jul / 16 / 2011 | |
| <p>Presentation on the general situation of old and new biotechnology, and desired or applicable biotechniques in participating countries to solve problems. Job or inception report are also included.</p> <p>Lectures: General principles and view of biotechnology; A short introduction to molecular genetics; Biotechnology utilizing microorganisms, livestock, and higher plants; Pesticide; Toxicology; Microbial infection; Environmental hormones.</p> <p>Lectures: Screening, identification and molecular breeding of useful microorganisms; Genetic engineering; Plant virology; Genetic engineering in plants. Observations: National research institutes; related companies; University farm.</p> <p>Making and presentation of Final Report constructed with planning a research project on problems of food production, safety and environmental aspects of agriculture, following implementation with discussion.</p> <p>Within 2 months later the report referring the adoption or evaluation of possibility of the plans conducted by participants should be given by the governmental research institutes or universities in each country. Completion report on this course will be assigned with reference to usefulness.</p> | IMPLEMENTING PARTNER | Graduate School of Agricultural Science, Kobe University | |
| | JICA CENTER | JICA Hyogo | |
| | COOPERATION PERIOD | 2010~2012 | |
| | REMARKS and WEBSITE | | |

| Organic Agriculture Technology(Sustainable Agriculture) for Central Asian Countries 中央アジア地域 有機農業技術(環境保全型農業) | | PRTD Leaders 1084033 Sector : Agricultural/Rural Development Sub-Sector : Agricultural Development | |
|---|--|--|---------|
| Target Countries: Central Asia Countries | | 9 participants / | Russian |
| OBJECTIVE | TARGET ORGANIZATION / GROUP | | |
| <p>[Objectives] Action Plan is proposed to disseminate organic agriculture technology or sustainable agriculture technology making the best use of obtained knowledge and ideas through the program in the participants' respective countries</p> <p>[Outputs]</p> <p>1.To understand the roles of the central and local government and farmer's associations to support farmers' activities</p> <p>2.To learn sustainable agriculture technology utilizing the conventional agriculture resources and technologies</p> <p>3.To propose "Action Plan"</p> | <p>[Target Organizations]</p> <p>1. Central/Local government in charge of agricultural development</p> <p>2. Agricultural organizations</p> <p>[Target Group]</p> <p>< Current Duties ></p> <p>1. Senior officers in charge of agricultural development in central/local government</p> <p>2. Senior members of agricultural organization</p> <p>< Others ></p> <p>1. Have more than five (5) years' experience in this field</p> <p>2. Have a competent command of spoken and written Russian</p> | | |
| CONTENTS | PROGRAM PERIOD | Jun / 27 / 2010 ~ Jul / 27 / 2010 | |
| <p><Preliminary Phase>Formulation and submission of Job Report</p> <p><Phase in Japan></p> <p>1. The roles of the central and local government and farmer's associations: Overview of agriculture in Japan/Hokkaido, Collaborations and efforts among municipalities, Japanese agricultural cooperatives, farmers and agricultural extension workers, Research institutions of agriculture</p> <p>2. Improvement of the crop productivity by soil improvement and technology: Outline of sustainable agriculture, Improvement of soil productivity, crop growth, Compost, utilization of livestock wastes and its effects</p> <p>3. Suppression of pests, diseases and weeds: Basic knowledge of agrichemicals, IPM, Soil diagnostics, crop growth diagnostics, Agriculture technology using eco-system</p> <p>4. Preparation and presentation of Action Plan</p> | IMPLEMENTING PARTNER | Hokkaido Agricultural Development Corporation | |
| | JICA CENTER | JICA Sapporo | |
| | COOPERATION PERIOD | 2008~2010 | |
| | REMARKS and WEBSITE | | |

| Counterparts Training Course on Facility Maintenance and Water Management on Irrigation and Drainage プロジェクトカウンターパート合同研修「灌漑排水のための施設管理・水管理」 | | PRTD Leaders | 1084274 |
|---|---|--|---------|
| Target Countries: be counterpart on JICA cooperation Project or related | | Sector : Agricultural/Rural Development Sub-Sector : Agricultural Development | English |
| 14 participants / | | | |
| OBJECTIVE | TARGET ORGANIZATION / GROUP | | |
| <p>[Objective] Participants are expected to achieve the followings so as to obtain abilities of project planning and implementation as well as technical transfer to farmers.</p> <p>[Expected Results] Participants can explain:</p> <ol style="list-style-type: none"> 1. Japanese governmental policy on irrigation and drainage, and implementation system 2. the role of implementing organization of irrigation and drainage projects 3. the role of water management organization (Land Improvement District) 4. related matters including participatory approach and the environment | <p>[Target Organizations] Counterpart organizations of JICA irrigation and drainage projects</p> <p>[Target Group] 1. Engineers involved in irrigation and drainage projects. 2. Counterpart personnel of JICA projects, who have more than 5 year experience</p> | | |
| CONTENTS | PROGRAM PERIOD | Aug / 22 / 2010 ~ Sep / 18 / 2010 | |
| <p>1. Preliminary Phase Preparation of Job report to summarize a present situation and problems of JICA projects</p> <p>2. Core Phase in Japan Based on training results, participants discuss how to deal with problems.</p> <ol style="list-style-type: none"> ① Japanese policy on irrigation and drainage, and implementation system ② Water management organization and participatory water management ③ Outline of Toyogawa Canal Project and practices of facility maintenance and diagnosis ④ Related topics including Project Cycle Management and the environment <p>3. Posterior Phase in home country Report back to projects</p> | IMPLEMENTING PARTNER | Japan Water Agency | |
| | JICA CENTER | JICA Tsukuba(Training) | |
| | COOPERATION PERIOD | 2009~2011 | |
| | REMARKS and WEBSITE | http://www.water.go.jp | |

| Improvement of Agricultural Machinery and Equipment for the Growth in Agricultural Productivity for African Countries 農業生産性向上のための農業機械・農機具改良 | | PRTD Trainers | 1084194 |
|--|--|---|---------|
| Target Countries: African countries | | Sector : Agricultural/Rural Development Sub-Sector : Agricultural Development | English |
| | | 8 participants / | |
| OBJECTIVE | TARGET ORGANIZATION / GROUP | | |
| <p>[Course Objective] Appropriate repairing and improve techniques to meet the agricultural condition by utilizing locally available materials are shared in the target organizations.</p> <p>[Expected Module Outputs] (1) To be able to explain mechanism and the way of performance test and "the Act on Promotion of Agricultural Mechanization". (2) To be able to explain efficient use of the agricultural machinery and equipment. (3) To be able to explain the extension method of agricultural mechanization and its service system. (4) To be able to explain the basic techniques to improve agricultural machinery and equipment to meet the local agricultural condition. (5) To be able to explain the improvement method of specific agricultural machinery and equipment.</p> | <p>[Target Organizations] Public organizations related to improvement of agricultural machinery such as agricultural mechanization section, agricultural experiment station, public cooperation.</p> <p>[Target Group] (1) Persons who involved in improvement of agricultural machinery and equipment such as agricultural extension workers, agricultural school instructors, experimental station researchers and vocational training center instructors. (2) More than 3 year practical experience in maintenance and improvement of agricultural machinery, or extension works.</p> | | |
| CONTENTS | PROGRAM PERIOD | Jan / 11 / 2011 ~ Mar / 4 / 2011 | |
| <p>[Preliminary Phase in home country] Prepare the Inception report which includes organization chart and facing issues and problems.</p> <p>[Core Phase in Japan] Following lectures, practical exercises, observations and discussions are provided.</p> <ul style="list-style-type: none"> • Basic knowledge of agricultural machinery , • Performance test, • "Act on Promotion of Agricultural Mechanization", • Agricultural production efficiency improvement and agricultural mechanization, • History and development of agricultural mechanization in Japan and in Tokachi, • Maintenance techniques of agricultural machinery and its dissemination. • Basic blacksmith techniques such as screw and welding, • • Simple mechanical design method, • Interim report making. <p>[Finalization Phase in home country] Reporting in home country, authorize the Action plan and submit the Final report within 6 months.</p> | IMPLEMENTING PARTNER | Obihiro University of Agriculture and Veterinary Medicine | |
| | JICA CENTER | JICA Obihiro | |
| | COOPERATION PERIOD | 2010~2012 | |
| | REMARKS and WEBSITE | http://www.obihoro.ac.jp/english/ind ex.html | |