

ICT (Information and Communication Technology) for Agricultural Information Use -aiming at practical skills acquisition-		Continuing	
農業情報活用のためのICT技術向上 ～実地への応用に向けて～			
<b>Target Countries :</b>			
<b>Course No. :</b> 201984693-J002			
<b>No. :</b> 201984693			
<b>Sector :</b> Agricultural Development/Agricultural Services			
<b>Sub-Sector :</b>			
<b>Language :</b> English			
<b>Outline</b>			
Transmitting agricultural information by ICT can contribute to agricultural productivity increase, grasp of market trends, agricultural industry promotion and determination of proper agricultural policy. This training program aims to foster human resources who contribute to agricultural development in home country by learning information processing and transmitting skills and practical cases.			
Objective/Outcome		Target Organization / Group	
<b>【Objective】</b> Participants improve the basic knowledge and skills of procecing and transmitting agricultural information and learn application cases and then can make a proposal concerning agricultural information use.		<b>【Target Organization】</b> Official institutions collecting, processing, providing and utilizing agricultural information and statististical data.	
<b>【Outcome】</b> 1. To be able to explain the current status and benefits of ICT application in agriculture 2. To be able to explain the functions and benefits of agricultural information network system 3. To be able to explain the techniques for collecting, processing and transmitting the agricultural information 4. Based on the above mentioned module output to be able to make a proposal concerning agricultural information use in order to improve agriculture and related fields in home country		<b>【Target Group】</b> 1. Process, provide and utilize agricultural information for people concerned with agriculture 2. Have basic skills to process data and interest in providing agricultural information by application of programming 3. Have more than 3 years' experience	
Contents			
<b>【Preliminary Phase】</b> Inception report which includes following information will be submitted. 1)Agricultural situation and IT environment of each country 2)Duties and challenges of participants		<b>Course Period</b>	2020/2～2020/4
<b>【Core Phase】</b> Following lectures, observations, practical exercises and discussions are provided. *participants use their own agricultural data in practical exercises for more practical information processing and data analysis. <ul style="list-style-type: none"> <li>• Utilization of ICT in agriculture</li> <li>• Data processing techniques using MS Excel, Macros and VBA</li> <li>• Database construction techniques using MS Access</li> <li>• Basic knowledge of computer hardware system, networking and LAN</li> <li>• Basic Knowledge of information management and security control</li> <li>• Web-site creation skills and utilization of ICT equipments for transmission of information.</li> <li>• Utilization of GPS and GIS</li> <li>• practical cases of utilization of ICT in agriculture (private enterprises, reserch institutes and agricultural organizations)</li> <li>• Making activity plan for the problems facing</li> </ul>			<b>Department in Charge</b>
<b>【Finalization Phase】</b> Sharing the program results with stakeholders and implement activity plan.		<b>JICA Center</b>	JICA Hokkaido (Obihiro)
		<b>Cooperation Period</b>	2017～2019
<b>Implementing Partner</b>	Tokachi Regional Activation Support Organization		
<b>Remarks and Website</b>			