

The Second GRENE-RECCA Agriculture Workshop

Global Environmental Changes and ICT-Agriculture

Date: 2 July, 2012

Venue: Morning sessions(**Sesion-1**)- Yayoi Campus, Graduate School of Agricultural and Life Sciences
Afternoon session(**Sesion-2**)- Tanashi Campus, Institute for Sustainable Agro-ecosystem Services, The University of Tokyo

Organizer:

/ Program of “Climatic changes and evaluation of their effects on agriculture in Asian monsoon region” in Green Network of Excellence (GRENE)

/ Program of “Development of decision support system for optimal agricultural production under global environment change” in Research Program on Climate Change Adaptation (RECCA)

/Institute for Sustainable Agro-ecosystem Services, The University of Tokyo

/Agro-informatics group of Agri-cocoon, Graduate School of Agricultural and Life Sciences, The University of Tokyo

CONTENTS

Sesion-1 /Yayoi Campus

10:00-10:05	Opening Remarks (Masaru Mizoguchi, The University of Tokyo)
10:05-10:10	Opening Remarks (Ming-Che HU, National Taiwan University)
10:10-10:20	Opening Remarks (Naritaka Kubo, The University of Tokyo)
10:20-10:30	Monitoring of frozen soil in Mongolian grass field (Katori Arimitsu)
10:30-10:40	Water temperature in paddy field affected by global warming (Masaomi Kimura)
10:40-10:50	Education material by a Bucket SRI practice in elementary school (Hanae Yokokawa)

Sesion-2 /Tanashi Campus

14:00-14:05	Opening Remarks (Masaru Mizoguchi)
14:05-14:20	Climatic changes and evaluation of their effects on agriculture in Asian monsoon region (Masaru Mizoguchi)
14:20-14:35	Development of decision support system for optimal agricultural production under global environment changes (Seishi Ninomiya)

- 14:35-14:50 Effects of climate change on soil heat and water dynamics in arable land under monsoonal climate, Japan (Chihiro Kato)
- 14:50-15:05 ICT Monitoring of SRI paddy field in Indonesia (Arif Chusnul)
- 15:05-15:20 Evaluation of crop shape using image data (Guo Wei)
- 15:20-15:35 Evaluation of crop shape using image data (Kyosuke Yamamoto)
- 15:35-16:35 Field tour
- 16:35-16:55 Using CV-value likelihood estimation in analysis of wetland model structure uncertainty (Chun-Wei Huang)
- 16:55-17:25 General Discussion
- 17:25-17:30 Closing Remarks (Seishi Ninomiya)
- 18:00- Welcome Party

