



DEPARTMENT OF AGRICULTURAL & BIOSYSTEMS ENGINEERING

February 4, 2022

Dear All,

RE: SHORT COURSE TRAINING AT MAKERERE UNIVERSITY

As part of the Agreement on Education Cooperation between Cukurova University (Adana, Turkey) and Makerere University (Kampala, Uganda), two (2) Professors from Turkey will give lectures on "General Aspect of Rural Development" and Irrigation Science and Technology from 7th to 11th February 2022 at the School of Food Technology, Nutrition and Bio-Engineering Conference Room. About 30 places are available for physical attendance to these lectures and a link will be sent to the rest of the participants. A certificate of attendance will be issued to those participants who attend 80% of the lectures on either topic. If you wish to attend, kindly notify me so that I either reserve a space for you or I send you a link.

Topic: General Aspect of Rural Development Instructor: Prof. Dr. Ufuk GÜLTEKİN		Topic: Irrigation Science and Technology Instructor: Prof. Dr. Mahmut ÇETİN	
Date	Programme	Date	Programme
Day-1 (9-11 am)	Introduction to rural development (Integrated Rural Development)	Day-1 (11-1pm)	Fundamentals of hydrologic water balance: Hydrologic cycle and water balance elements at the catchment scale
Day – 2 (9-11 am)	Top-down and Bottom-up development approaches and sustainability	Day-1 (11-1pm)	Water, salt and nitrogen mass balance works at the large-scale irrigation schemes; salinity appraisal at the catchment level
Day – 3 (9-11 am)	Poverty reduction, importance of income generating activities and capacity building	Day-1 (11-1pm)	Introduction to interpolation techniques for delineating salt affected areas in irrigation schemes
Day – 4 (9-11 am)	Agricultural Practices (Organic Agriculture and Good Agricultural Practices) as an income generating activity for rural development	Day-1 (11-1pm)	Introduction to geostatistical techniques: Semivariogram analysis and kriging estimation technique
Day – 5 (9-11 am)	Case Study: Sustainable Development of Small-Scale Farmers of the Taurus Mountains of Turkey	Day-1 (11-1pm)	Real examples from Mediterranean irrigation catchments through using <i>Jeostat_2017.0</i> software (http://www.jeostat.com/), and <i>kriging game</i> with/by participants

Admission to the Training

1. For admission to the **General Aspect of Rural Development**, applicants should possess an honors first degree any of the following qualification: Agricultural Extension Education, Agricultural and Rural Innovation, Arts in Environmental Management, Science in Agriculture or the equivalent of any of the above from a recognized University.
2. For admission to the **Irrigation Science and Technology**, applicants should possess an honors first degree any of the following qualification: Agricultural Engineering, Water Engineering; Civil Engineering; Chemical Engineering; Process Engineering or any other branches of engineering or the equivalent of any of the above from a recognized University.

Contact

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