UNITED REPUBLIC OF TANZANIA

MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY.

SOKOINE UNIVERSITY OF AGRICULTURE

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STATISTICS SHORT COURSES FROM 9th NOVEMBER 2020 UP to 20TH NOVEMBER 2020 TO BE HELD IN SUALISA CONFERENCE ROOM AT iAGRI BUILDING-SUA MAIN CAMPUS

Sokoine University of Agriculture Laboratory for Interdisciplinary Statistical Analysis (SUALISA) would wish to announce to the SUA community and the general public that it will offer short courses in Statistics to be held at SUALISA conference room between 9am and 3pm each day from 9th November 2020 up to 20th November 2020

Registration for the short course

The registration fee is 30,000/=Tshs, per a day/course. Registration would be made upon your arrival in a venue at iAGRI building. Contact Maria Celestine via the following address to confirm your participation.

Email: mary.b.celestine@gmail.com
Mobile: 0713-301033

Who should attend? Any scholar/researcher such as a postgraduate student /instructor/production manager/an entrepreneur/lab technician etc. is highly encouraged to attend. You are all welcomed to attend.

How you will benefit from the course(s): Each course will provide participants with practical skills to be able to effectively implement a real-life related problem needing statistical skills application.

TIMETABLE

Date	Time	Session	Trainer
09/11/2020	Monday		
	9am -10am	Electronic Methods of Data Collection	
	10am- 12am	Electronic Methods of Data Collection	
	12pm - 1pm	Lunch Break	
	1pm - 2pm	Electronic Methods of Data Collection	
	2pm - 3pm	Electronic Methods of Data Collection	
10/11/2020			
	9am - 10am	Introduction to SPSS	
	10am -12pm	Introduction to Exploratory data analysis using SPSS	
	12pm-1pm	Lunch Break	
	1pm - 3pm	Introduction to STATA	
	2pm- 3pm	Introduction to Exploratory data analysis using STATA	
11/10/2020			
	9am-10am	Introduction to Linear programming	
	10am-12pm	Introduction to Linear programming	
	12pm-1pm	Lunch break	
	1pm- 3pm	Introduction to Linear programming using Excel,	
	2pm- 3pm	Introduction to Linear programming using MATLAB	
12/10/2020			
	9am-10am	Introduction to simple linear regression	
	10am-12pm	Introduction to multiple linear regression using SPSS and STATA	
	12am-1pm	Lunch break	
	1pm-2pm	Introduction to Binary logistic regression using SPSS and STATA	
	2pm- 3pm	Introduction to Binary logistic regression using SPSS and STATA	
13/10/2020			
	9am-10am	Introduction to Qualitative data analysis using NVIVO	
	10am-12pm	Introduction to Qualitative data analysis using NVIVO	
	12am-1pm	Introduction to Qualitative data analysis using NVIVO	
	1pm-2pm	Introduction to Qualitative data analysis using NVIVO	
	2pm- 3pm	Introduction to Qualitative data analysis using NVIVO	
16/10/2020			
	9am-10am	Introduction to Structural equation modelling	

	10am-12pm	SEM-Model hypothesis and model specification	
	12pm -1pm	Lunch break	
	1pm-2pm	SEM-Model fit	
	1pm - 3pm	SEM-Model modification	
17/102020			
	9am-10am	Basic Concepts of Experimental Design	
	10am-12pm	One Way Analysis of Variance/ Completely Randomized Design	
	12pm1pm	Lunch break	
	1pm-2pm	Randomized Complete Block Design	
	2pm-3pm	Latin square design	
18/11/2020			
	9am-10am	Introduction to spatial data Analysis/ Type of Spatial data and Its Stochastic Mode	
	10am-12pm	Exploratory Spatial Data Analysis (ESDA)	
	12pm1pm	Lunch break	
	1pm-2pm	Spatial Autocorrelation statistics and Models	
	1pm-3pm	Application of spatial analysis	
19/11/2020			
	9am-10am	Introduction to survival Analysis using STATA	
	10am-12pm	Kaplan Meier survival curve estimation/non parametric model	
	12pm-1pm	Lunch break	
	1pm-2pm	Cox proportional hazard model/ parametric model	
	2pm-3pm	Application of survival Analysis	
20/11/2020			
	9am-10am	Introduction to types of survey data	
	10am-12pm	Introduction to Fixed Effect and Random effect models	
	12pm-1pm	Lunch break	
	1pm-2pm	Steps towards estimation of panel data models	
	2pm-3pm	Worked example on how to estimate a panel data model	