

BSC. GEGIS & GIS RESEARCH PROPOSAL/PROGRESS/PROJECT PRESENTATIONS				
21 & 22 OCTOBER, 2021. VENUES ELB 112 & 214				
Notes to Candidates: *Have run my PPT *Have saved my PPT in the LAB *Observe Time *Have been checking supervisor				
STRICT CORONA PANDEMIC MEASURES: ALWAYS MASK ON, ONLY THREE PRESENTERS AT A TIME, SANITIZING AFTER EACH PRESENTER				
VENUE: ELB 214 (GROUP B)		PANEL: KINDLY TAKE COMMENTS DIGITALLY; TAKE MEETING BREAKS IN TURNS		
		Dr. E. Nduati (E.N); Mr. Joshua Mwaura (J.M); Mrs. Nancy Mwangi (N.M); Mr. Charles Wasomi (C.W); Dr. Nathan Agutu (N.A); Dr. Felix Mutua (F.M); Prof. Hunja Waithaka (H.W); Dr. Fridah (F.K)		
		Facilitators: Dr. E. Nduati (E.N);		
Sno.	Reg. No.	Name	Proposal Title	Time/Supervisor
21st Oct, 2021				
1	ENC222-0368/2016	Michael Wafula Wekesa	SPATIAL TEMPORAL VARIATION OF SEAWEED DISTRIBUTION AND MAPPING ALONG THE KENYAN COAST (KWALE COUNTY)	9.00 (E.N)
2	ENC222-0408/2017	KHATSENZIA FAITH	ASSESSING WATER SHORTAGE AND ITS EFFECT ON RICE YIELDS IN MWEA TEBERE IRRIGATION SCHEME	9.10 (J.M)
3	ENC222-0149/2017	OKELLO JACOB OKOMO	SPATIOTEMPORAL MODELLING & AUTOMATED IN-SITU SENSORS TO MONITOR HARMFUL ALGAL BLOOMS(HABS): CASE STUDY OF LAKE VICTORIA	9.20 (E.N)
4	ENC221-0390/2016	Ngeno Kevin Kiprotich	MANAGEMENT OF URBAN TRAFFIC CONGESTION- CASE STUDY OF NAKURU TOWN.	9.30 (J.M)
5	ENC222-0168/2017	SIMIYU BRIAN CHELOTI	FOREST FIRE RISK VULNERABILITY ASSESMENT	9.40 (N.M)
6	ENC221-0308/2016	ABDIRAHMAN Abdikarim	ASSESSING ACCESSIBILITY AND SOCIO-SPATIAL EQUITY IN TRANSPORT SYSTEM. CASE STUDY NAIROBI CITY	9.50 (J.M)
7	ENC222-0122/2017	HARRIET MUTHONI	DEVELOPING A FRAMEWORK FOR UNDERGROUND UTILITY MAPPING	J.M 10.00)
8	ENC221-0295/2016	MWANDAZA John Lugwe	INTEGRATING GROWTH AND ECOLOGICAL PARAMETERS TO ASSESS THE MANIFESTATION OF COCONUT RHINOCEROUS BEETLE: A CASE STUDY OF KILIFI COUNTY	10.10 (C.W)
9	ENC221-0293/2016	ATENYA BONVEAL MAGOSLO	ASSESSING ENVIRONMENTAL IMPACTS OF THE STANDARD GAUGE RAILWAY USING GEOSPATIAL TECHNIQUES	J.M (10.20)
10	ENC222-0150/2017	OKINYI BRIAN OBARE	ASSESSMENT OF URBAN SPATIAL EXPANSION OF KISII TOWN USING SHANNON'S ENTROPY AND FRACTAL ANALYSIS.	10.30 (N.A)

11	ENC222-0356/2017	MBURU EILEEN NJOKI	INVESTIGATING THE INFLUENCE OF LAND USE AND ALCOHOL OUTLET DENSITY ON CRIME	10.40 (F.M)
12	ENC221-0294/2016	OANDA Bonventure Maeta	SPATIAL ANALYSIS OF ACCESSIBILITY TO HEALTH SERVICES IN LAMU COUNTY	10.50 (H.W)
13	ENC221-0098/2016	MWANZIA Sharon Ndungwa	INVESTIGATING MANGROVE FRAGMENTATION CHANGES AND ITS EFFECT ON LEAF AREA INDEX AND GROSS PRIMARY PRODUCTIVITY IN KWALE COUNTY.	11.00 (F.K)
14	ENC221-0161/2016	KIMANI Joy Christine Nduta	ASSESSMENT OF THE RELATIONSHIP BETWEEN CARBON STOCKS AND TREE SPECIES CASE STUDY MT KENYA FOREST	11.10 (E.N)
15	ENC222-0138/2017	Muthee Ian Macharia	IMPACT ASSESSMENT OF URBANIZATION ON GREEN SPACES IN EMBU TOWN	11.20 (E.N)
16	ENC221-0322/2016	MARA Lemayian	ASSESSING THE IMPACTS OF SOIL LOSS AND SEDIMENT YIELDS ON LAKES LEVES. A CASE STUDY OF LAKE BARINGO.	11.30 (C.W)
17	ENC222-0157/2017	OWUOR DAVID OUMA	DETERMINATION OF POTENTIAL FISHING ZONES USING REMOTE SENSING AND GIS: LAKE VICTORIA	11.40 (N.A)
18	ENC221-0300/2016	NYAMWEYA Dianah Kemunto	FLASH FLOOD SUSCEPTIBILITY MODELLING USING HYBRID MACHINE LEARNING ALGORITHMS AND SENTINEL-1 DATA IN THE NZOIA RIVER BASIN	11.50 (F.M)
19	ENC222-0425/2017	WANJIRU Linus Kiboi	SECURITY MAXIMIZATION USING THE INTERNET OF THINGS AND GIS BASED SYSTEMS; CASE STUDY OF JUJA SUBCOUNTY.	12.00 (H.W)
20	ENC222-0159/2017	WELDON KIPNGETICH RUTO	ESTIMATION OF FOREST BIOMASS USING SENTINEL 2	12.10 (F.K)
21	ENC221-0301/2016	Hurrystar MORAA Ombonga	ASSESSING AND PREDICTING LOCATIONS WITH OPTIMAL CONDITIONS FOR GROWTH OF HASS AVOCADO	12.20 (E.N)
22	ENC222-0375/2016	Jared Odiwuor Onyango	ASSESSMENT OF SOIL EROSION AND SEDIMENTATION AND THEIR IMPACTS ON SOIL QUALITY.	12.30 (N.M)
23	ENC222-0125/2017	KETER MARION JEROTICH	PREDICTION OF SOIL WORKABILITY THRESHOLD USING SOIL ORGANIC CARBON AND CLAY	12.40 (C.W)
24	ENC221-0297/2016	IMUNDE Rehema Kinya	Recovery assessment of vegetation post aerial spraying after locust infestation in Wajir county	12.50 (N.A)
LUNCH BREAK				
24	ENC221-0318/2016	KAHUNYO Faith Warigia	DEVELOPING A GIS-BASED APPLICATION TO AID IN IDENTIFYING VIABLE LAND FOR AGRICULTURAL INVESTMENT.	2.00 (H.W)

25	ENC221-0331/2016	AKELO Paul Otieno	DETECTION OF DUMPSITES USING LANDSAT 8 IMAGERY: A CASE STUDY OF JUJA WARD	2.10 (E.N)
26	ENC222-0119/2017	DANTON CHERUIYOT	SPATIO-TEMPORAL ANALYSIS OF FROST AND ITS EFFECTS ON TEA PRODUCTION IN KERICHO AND NANDI COUNTIES	2.20 (F.K)
27	ENC222-0136/2017	MANG'OI BOBLENNY M.	ASSESSMENT OF URBAN HEAT ISLAND EFFECTS	N.M (2.30)
28	EN281-3822/2015	MOGAKA Japheth Isaboke	CARBON STORAGE POTENTIAL OF PASTROL SYSTEMS OF KENYA CASE STUDY OF LAIKIPIA COUNTY	C.W (2.40)
29	EN281-5241/2014	BORU Jirma Christopher	GROUNDWATER POTENTIAL MAPPING AND LEVEL FLUCTUATIONS IN MARSABIT COUNTY USING MACHINE LEARNING MODELS	N.A (2.50)
30	ENC222-0130/2017	KIPYEGON AMOS	SPATIAL TEMPORALCROP WATER STRESS MONITORING FIELD SCALE USING FUSED MODIS AND SENTINEL IMAGE	F.M (3.00)
31	ENC222-0134/2017	LESOMO LOOMONI	MAPPING, MONITORING AND MANAGEMENT OF WETLAND, TANA DELTA	H.W (3.10)
32	ENC222-0424/2017	GICHARU JOHN GATHUITA	USING REMOTE SENSING AND OBJECT-BASED ALGORITHM TO DETECT AND COUNT ELEPHANTS	F.M (3.20)
33	ENC221-0335/2016	KIPKEMOI Kevin	COMPARATIVE ANALYSIS OF METRIC MODEL,VEGETATION INDEX AND GLEAM MODEL TO ESTIMATE ACTUAL EVAPOTRANSPIRATION FOR DROUGHT MONITORING : A CASE OF TRANS ZOIA COUNTY	F.K (3.30)
34	ENC222-0127/2017	KIMANI MERCY NJOKI	Predicting Wheat Yields in Narok County Using Phenological Information Extracted from Vegetation Indices	N.M (3.50)
35	ENC222-0116/2017	BUSOLO ELVIS TEMBEDE	DETERMINING THE SEVERITY OF FOREST FIRE AND MONITORING VEGETATION REHABILITATION	N. M (4.00)
36	ENC221-0311/2016	KIMEU Faith Mwendu	SPATIO-TEMPORAL DROUGHT ANALYSIS IN ATHI BASIN, KENYA	N.A (4.10)
37	ENC222-0118/2017	CHIRCHIR S JEPKEMBOI	OPTIMIZATION OF GROUNDWATER MONITORING NETWORKS USING REMOTE SENSING AND MULTI-PARAMETER ANALYSIS	F.M (4.20)
38	ENC222-0141/2017	MWARE MORGAN INEMA	ASSESSING THE IMPACT OF FARMING CHEMICALS IN THE SPATIAL DISTRIBUTION OF PROSTATE CANCER IN MERU	H.W (4.30)
39	ENC222-0378/2016	Suolo Arnold	EVALUATION EXTENT AND VALIDATION OF LAND DEGRADATION, A CASE STUDY OF KERIO VALLEY	C.W (4.40)
40	ENC222-C009-0131/2016	SOITA LEAH CATHERINE	VULNERABILITY ASSESMENT OF FOOD INSECURITY USING GIS AND REMOTE SENSING IN WEBUYE EAST SUBCOUNTY	E. N (4.50)

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41	EN283-C009/0099/2015	KIPTUM VINCENT	ESTIMATION OF SUGARCANE YIELD USING REMOTE SENSING APPROACH CASE STUDY KIBOS SUGAR ZONE	F. K (9.00)
42	EN283-0611/2015	GACHECHE SAMUEL MUNDIA	A STUDY OF RAINFALL AND SOIL MOISTURE ANOMALIES AND THEIR IMPACT IN AGRONOMY. A CASE STUDY OF TRANSZOIA COUNTY	H.W (9.10)
43	ENC222-0357/2016	Kiplangat Bett Frankline	Long-Term Spatiotemporal Dynamics of Algal Blooms in Lake Nakuru	F.M (9.20)