Name	Reg. No.	Comments
Wafula Michael Wekesa	ENC222-0368/2016	**Mapping of Spatiotemporal distribution of seaweed along the South Coast of Kenya**: What is the purpose of the DEM?; Has the seaweed extraction/ classification accuracy assessment been done?; What explains the rise or fall in the SST?; You should be able to explain the shoreline extraction maps and why it is necessary; In the shoreline extraction in some of the epochs inundated by cloud cover?; Need to distinguish between SST and LST; Should use the shoreline to delineate the sea only for seaweed extraction; What is the difference between your work and that of Faud?; What is the point of the correlation between SST and seaweed distribution mapping?; What are the expected results?; What is the value shown in the shoreline extraction graphs?
Khatsenzia Faith	ENC222-0408/2017	**Modeling Supplemental Rice Irrigation Schedule in Mwea Tebere Irrigation Scheme**: Objective 1 needs to be rephrased; What are the specific datasets in the WaPOR database?; Rice cultivation is not contiguous in Mwea, that is the landscape is heterogeneous, how will the crop water requirement be applied without having extracted the rice cultivation area?; Where is the IFM data coming from?; What is the rice growing season and what are the rice growth stages?; It would be helpful to show rice phenology; Crop water requirement should be related to the rice growth stages especially if planting times differ; Need to review and understand the mechanism and logic of System of Rice Intensification (SRI); Do the rice cultivars/ varieties differ from one field to another, and how does this affect the water requirement?;
Okello Jacob Okomo	ENC222-0149/2017	**Spatiotemporal modelling and monitoring of HAB:** How many objectives have been achieved and what is remaining?; Need to show results better; The study lacks timelines, need to be incorporated in the objectives; The sensor information should be sent to a database to enable some further analysis; What informed the choice of the diverging colour scheme?;
Ngeno Kevin Kiprotich	ENC221-0390/2016	**Monitoring of Unsactioned buildings using GIS (3RD Proposal)**: Data availability issues; Needs to be serious in consulting the supervisor and will require clearance to present next time; CONSULT SUPERVISOR
Simiyu Brian Cheloti	ENC222-0168/2017	**Forest Fire Risk Vulnerability Assessment:** In the problem statement, are there any modalities for determining forest fire vulnerability? If there are any, what are the shortcomings?; What are the years of study?; Need to make legends legible; How is the high precision in the indices achieved?; What percentage of the research has been done?; What is the resolution and projection of the FIRMS data?; CONSULT SUPERVISOR
Abdirahman Abdikarim	ENC221-0308/2016	**ASSESSING ACCESSIBILITY AND SOCIO-SPATIAL EQUITY IN TRANSPORT SYSTEM - CASE STUDY NAIROBI CITY**: What is the spatial extent/ delineation of the CBD? Study area map needs to be revised to show the segments under evaluation in order to interpret the results better; First objective i.e. accessibility indicator development should be revised; Why was the chosen accessibility indicator picked?; The speed along segments need to be presented in terms of kph not mps; How was the speed along segments validated or how can it be done?; The objectives of the study need to be sequential i.e. flowing and feeding one onto the next, so objective 2 should be 3 and vice versa; Check slides for spelling mistakes, prior to presentation.
HARRIET MUTHONI	ENC222-0122/2017	**Postal Management and Delivery Using WebGIS and USSD (Proposal):** What is the definition of mail in the context of this study?; A preliminary investigation of what is typically couriered and the existing services e.g. the matatus, DHL and G4S, should have been done in order to show the shortcomings and how the proposed system can be improved?; How are parcels physically logged and tracked e.g. RFID chip?; What is route optimization and what are the factors influencing it in the context of this study?; How does the proposed system solve the problem in the post office?
MWANDAZA John Lugwe	ENC221-0295/2016	**INTEGRATING GROWTH AND ECOLOGICAL PARAMETERS TO ASSESS THE MANIFESTATION OF COCONUT RHINOCEROUS BEETLE: A CASE STUDY OF KILIFI COUNTY:** What does LST have to do with occurrence of the pest?; Classification maps need to be refined and accuracy assessment and validation results presented; What is the unit of LST and which Landsat 8 TIR bands were used to derive the LST; How are the coconuts distinguished from other trees e.g. baobab?; Need to provide some images to support the assertion on the coconut tree canopy radius at the next presentation; Need to zoom in the classification map to see the coconuts; Refine methodology;
ATENYA BONVEAL	ENC221-0293/2016	**ASSESSING ENVIRONMENTAL IMPACTS OF THE STANDARD GAUGE RAILWAY USING GEOSPATIAL TECHNIQUES:** Objectives?; What is soil loss and why is it being taken into consideration?; How or Why is noise a social factor?; What does social mean in the context of this study?; Where is the noise data coming from?; The objectives of the study may have been already accomplished and should be revised; Need to look for the reports post-implementation of the SGR; Methodology flowchart needs to be revised, some aspects e.g. population change do not connect; What are the expected results of the study?; Study scope needs to be refined.
OKINYI BRIAN OBARE	ENC222-0150/2017	**ASSESSMENT OF URBAN SPATIAL EXPANSION OF KISII TOWN USING SHANNON'S ENTROPY AND FRACTAL ANALYSIS:** Elaborate on the difference between the second and third oblectives; Overlay roads vector layer on the Shannon Entropy Index results maps

MBURU EILEEN NJOKI	ENC222-0356/2017	**INVESTIGATING THE INFLUENCE OF LAND USE AND ALCOHOL OUTLET DENSITY ON CRIME:** What is the zoning criteria (methodology flowchart) used and why?; Based on classification of the Landsat image, how were the commercial and residential classes arrived at?
OANDA Bonventure Maeta	ENC221-0294/2016	**SPATIAL ANALYSIS OF ACCESSIBILITY TO HEALTH SERVICES IN LAMU COUNTY:** Make the objectives slide legible; What are the expected results relative to each of the objectives; For the results maps, what is the value of showing the ocean?; Accessibility analysis needs to be revised; Need to look at the population data.
MWANZIA Sharon Ndungwa	ENC221-0098/2016	**INVESTIGATING MANGROVE FRAGMENTATION CHANGES AND ITS EFFECT ON LEAF AREA INDEX AND GROSS PRIMARY PRODUCTIVITY IN KWALE COUNTY**: What does fragmentation mean in the context of this study and what landscape fragmentation metric (s) will be used in this study?; What are the units of the y-axis in the area change results?; How does the area change relate to encroachment of mangrove?;
KIMANI Joy Christine Nduta	ENC221-0161/2016	**ASSESSMENT OF THE RELATIONSHIP BETWEEN CARBON STOCKS AND TREE SPECIES CASE STUDY MT KENYA FOREST:** How has the first objective been achieved or what does it entail?; How were the different species identified?; How do the results of Species diversity and AGB relate to carbon stocks?; How was carbon stock determined?; Need to review literature on how limitations of species diversity estimation on the carbon stock estimation; Show the results of the allometric equations; How will validation be done?; Need to clearly explain how the shannon index relates to species diversity; Need to revise the objectives; Add a third objective on correlation.
Muthee Ian Macharia	ENC222-0138/2017	IMPACT ASSESSMENT OF URBANIZATION ON GREEN SPACES IN EMBU TOWN:
MARA Lemayian	ENC221-0322/2016	**ASSESSING THE IMPACTS OF SOIL LOSS AND SEDIMENT YIELDS ON LAKES LEVELS: A CASE STUDY OF LAKE BARINGO:** Make methodology flowchart legible; How is NDVI derived from supervised classification; What does time-series mean in this study, since there are only 3 images and what are the outputs of the time series analysis?; What is the difference between lake area and surface area; Did the surface area come from image classification or digitization of the lake extents?; Work on the maps; Explain what sediment yield is and it's significance; Are the specific objectives related to the main objective? How do the specific objectives relate to 'impacts'?; Need to explore the reason why there is directional expansion of the lake, that is towards the south, since it does not appear to be subject to the elevation; Need to refine the methodology.
OWUOR DAVID OUMA	ENC222-0157/2017	**DETERMINATION OF POTENTIAL FISHING ZONES USING REMOTE SENSING AND GIS IN LAKE VICTORIA:** Objective 3 is a necessary task, thus needs to be revised; How was cloud cover taken care of for chlorophyll-a?; Why use MODIS?; Why use the two disparate datasets i.e. MODIS and Sentinel-3?; Need to use a different colour scheme between LST and chlorophyll-a results; Need to show the fish catch data in a map;
NYAMWEYA Dianah Kemunto	ENC221-0300/2016	**FLASH FLOOD SUSCEPTIBILITY MODELLING USING HYBRID MACHINE LEARNING ALGORITHMS AND SENTINEL-1 DATA IN THE NZOIA RIVER BASIN:** Introduction slide was verbose, please surmarise; Check on the temporal resolution of sentinel-2; Need to present the OLS results better; Revise study area map; Results of objective 1 are actually of association not relationship; Objective 2 needs to be revised; Ensure that results match the objectives;
WANJIRU Linus Kiboi	ENC222-0425/2017	**Spatial Modelling the Spread of Finger Millet Blast Pathogen in Kisii County, Kenya (Proposal):** Objectives need to be revised; Ojective 2 is a task that can be accomplished from literature review; Which temperature data does MODIS provide?; Need to review FMBP literature thoroughly; In which year was the FMBP occurrence data collected?; Why use a line graph to represent soil pH?; Can the millet firms be delineated? Need to identify and extract finger millet cultivation sites;
WELDON KIPNGETICH RUTO	ENC222-0159/2017	**ESTIMATION OF FOREST BIOMASS USING SENTINEL 2:** Introduction slide is verbose; Which specific indices were iused for AGB prediction?; How were the best variables determined, which ones are they and how were they used to predict AGB?; Why was field biomass not computed using all the sample points?;
Hurrystar MORAA Ombonga	EN221-0301/2016	**ASSESSING AND PREDICTING LOCATIONS WITH OPTIMAL CONDITIONS FOR GROWTH OF HASS AVOCADO:** Should predict the land cover; Need to review the suitability classes to exclude the protected areas or non suitable areas; Show the land cover map before you show the land cover aggregation; Revise the elevation map; Once the land cover that are not suitable are excluded, they should be masked out during further analysis; The table on the optimal conditions for hass should be in the methodology; Need to understand and explain the difference between RCP45 and RCP85;
Jared Odiwuor Onyango	ENC222-0375/2016	**ASSESSMENT OF SOIL EROSION AND SEDIMENTAION AND THEIR IMPACTS ON SOIL QUALITY:**

KETER MARION JEROTICH	ENC222-0125/2017	**PREDICTION OF SOIL WORKABILITY THRESHOLD USING SOIL ORGANIC CARBON AND CLAY:** For which epochs were the indices computed?; On what basis or criteria were the results of the correlation analysis an input in the machine learning?; What was the source of the rainfall data?; Need to change the representation of the precipitation data and the data should be consistent; Revise results of objective 1; Where was the SOC data sourced from and how was it derived?; How are the results of this study going to be validated?;	
IMUNDE Rehema Kinya	ENC221-0297/2016	**Recovery assessment of vegetation post aerial spraying after locust infestation in Wajir county**: Research questions do not match objectives; How is the natural recovery and decay of vegetation accounted for or excluded? In other words, where are the land use land cover time series maps?; Make the flowchart legible; How will validation be done; What is the normal NDVI range or level for vegetation? Results focus heavily on NDVI; None of the results map extents match the study area extents; What does the positive NDVI difference mean?; Use different images to compute damage assessment (pre and peak infestation) and recovery assessment; Are there datasets on locust migration?; Make the objectives SMART; Focus the study area map;	
KAHUNYO Faith Warigia	ENC221-0318/2016	**DEVELOPING A GIS-BASED APPLICATION TO AID IN IDENTIFYING VIABLE LAND FOR AGRICULTURAL INVESTMENT:** Revise objective 1 - It is a task; Maps need to be georeferenced; Where are the crop suitability computation models?; Ideally, write a generic programme/ methodology that automatically computes crop suitability using the optimal crop requirements; Restrict the study to a specific year; User input should only be the crop of interest; Try a proof of concept in a smaller study area instead of the whole country.	
AKELO Paul Otieno	ENC221-0331/2016	**DETECTION OF DUMPSITES USING LANDSAT 8 IMAGERY: A CASE STUDY OF JUJA WARD:** How do the results relate to dumpsite locations?; How do LST, NDVI and BAI help in detecting dumpsites?; Need to mask out buildings and areas where garbage may not be found; Need to clearly delineate the work from the project.	
DANTON CHERUIYOT	ENC222-0119/2017	**SPATIO-TEMPORAL ANALYSIS OF FROST AND ITS EFFECTS ON TEA PRODUCTION IN KERICHO AND NANDI COUNTIES:**	
MANG'OI BOBLENNY M.	ENC222-0136/2017	**ASSESSMENT OF URBAN HEAT ISLAND EFFECTS - A CASE STUDY OF KISUMU:** Poor presentation; Student does not appear to take the project presentation process seriously; Which MODIS product was used; What is the criteria for delineation of UHI areas?; SEE SUPERVISOR ASAP	
MOGAKA Japheth Isaboke	EN281-3822/2015	**CARBON STORAGE POTENTIAL OF PASTROL SYSTEMS OF KENYA CASE STUDY OF LAIKIPIA COUNTY:** Why is the study area a regular polygon?; How does the AGB relate to carbon stock?; The methodology should probably take into consideration shrubland; Training datasets should be for each year to account for changes in the landscape;	
BORU Jirma Christopher	EN281-5241/2014	**GROUNDWATER POTENTIAL MAPPING AND LEVEL FLUCTUATIONS IN MARSABIT COUNTY USING MACHINE LEARNING MODELS:**	
KIPYEGON AMOS	ENC222-0130/2017	**SPATIAL TEMPORAL CROP WATER STRESS MONITORING FIELD SCALE USING FUSED MODIS AND SENTINEL IMAGE:** Need to refine the methodology flowchart; Where is the 10m LST for fusion coming from?; Methodology needs to be seriously considered and reviewed; Cloud artefacts should not be there during fusion;	
LESOMO LOOMONI	ENC222-0134/2017	**MAPPING, MONITORING AND MANAGEMENT OF WETLAND, TANA DELTA:** Phrase the title correctly - how does management figure into the research; The general objective does not appear to relate to the specific objectives and the title; What are the outputs of the objectives?; Consult supervisor ASAP; Revise flowchart, some components e.g. LST do not connect;	
GICHARU JOHN GATHUITA	ENC222-0424/2017	**USING REMOTE SENSING AND OBJECT-BASED ALGORITHM TO DETECT AND COUNT ELEPHANTS:** Which model is being used?; The model is being adapted rather than being developed; The model requires further and detailed explanation; Presentation of results should show the dictionary of images that is used to train the model as much as possible; Model needs to be run on photos without elephants for training;	
KIPKEMOI Kevin	ENC221-0335/2016	**COMPARATIVE ANALYSIS OF METRIC MODEL,VEGETATION INDEX AND GLEAM MODEL TO ESTIMATE ACTUAL EVAPOTRANSPIRATION FOR DROUGHT MONITORING - A CASE OF TRANS ZOIA COUNTY**: Which year of data?;Which surface parameters are provided using Landsat 8?; Make methodology flowchart more legible; The title, general and specific objectives are not well related; How is evapotranspiration related to agricultural drought?;	
KIMANI MERCY NJOKI	ENC222-0127/2017	**Predicting Wheat Yields in Narok County Using Phenological Information Extracted from Vegetation Indices:** Need to review and understand time series analysis and also TIMESAT; Should at least have shown the yield data - Attributes, time period?; Methodology requires thorough revision	
BUSOLO ELVIS TEMBEDE	ENC222-0116/2017	**DETERMINING THE SEVERITY OF FOREST FIRE AND MONITORING VEGETATION REHABILITATION:** Need to rephrase the objectives; Vegetation cover is stated as a data source, where is it from and what is the point of the Sentinel-2 data; Has validation been done and which data will be used for validation?; Need to prepare better maps, current results as presented are not legible; What are hte measures or indicators od vegetation rehabilitation?; Thorough literature review is required;	

KIMEU Faith Mwende	ENC221-0311/2016	**SPATIO-TEMPORAL DROUGHT ANALYSIS IN ATHI BASIN, KENYA:** How will the study aid in improving drought coping mechanisms?; Revise objective 2; Why was random forest settled on for prediction?; Should test several prediction models and then choose the best performing one; What is the plan with respect to validation?; Check on how La Nina and El Nino patterns compare to the PC results; Use the seasonal weather forecast for prediction; Check on second PC values, they shouldn't exceed 1.
CHIRCHIR S JEPKEMBOI	ENC222-0118/2017	**OPTIMIZATION OF GROUNDWATER MONITORING NETWORKS USING REMOTE SENSING AND MULTI-PARAMETER ANALYSIS:** How will objective 2 be achieved? It is not SMART; Groundwater potential zone map colour 'grey' is not represented in the legend; Need to explain NSGA2 in detail; Objectives need to be revised; Map the existing monitoring wells and check whether their network is optimized, if it is not, then carry out optimization.
MWARE MORGAN INEMA	ENC222-0141/2017	The Spatial Modelling of Lethal Yellowing Disease in Coconuts in Kwale and Kiligi counties (Proposal): Change the LULC classification map schemes; Check on slope map, there is an issue;
Suolo Arnold	ENC222-0378/2016	EVALUATION EXTENT AND VALIDATION OF LAND DEGRADATION, A CASE STUDY OF KERIO VALLEY:
SOITA LEAH CATHERINE	ENC222-C009- 0131/2016	**VULNERABILITY ASSESMENT OF FOOD INSECURITY USING GIS AND REMOTE SENSING IN WEBUYE EAST SUBCOUNTY:** What are the existing methods of food insecurity vulnerabilty assessment and what are there shortcomings?; Revise objectives; Make the flowchart legible; Which classification method was used?; Has any accuracy assessment been carried out? There are major issues with the classification results; require socioeconomic indicator on income/ purchasing power - poverty index; Pick one or two of the indicators that can be analyzed using GIS & RS and analyze in detail; Which classification algorithm was used?;
KIPTUM VINCENT	EN283- C009/0099/2015	ESTIMATION OF SUGARCANE YIELD USING REMOTE SENSING APPROACH CASE STUDY KIBOS SUGAR ZONE:
GACHECHE SAMUEL MUNDIA	EN283-0611/2015	A STUDY OF RAINFALL AND SOIL MOISTURE ANOMALIES AND THEIR IMPACT IN AGRONOMY. A CASE STUDY OF TRANSZOIA COUNTY:
Kiplangat Bett Frankline	ENC222-0357/2016	Long-Term Spatiotemporal Dynamics of Algal Blooms in Lake Nakuru: