

## GlobalSeaweedSTAR Travel Fund Completion Report

### Awardee Details

Grant reference ID	GSS/TF/071
Full name/title	Sadock Rusekwa
Position held	ECR
Organisation	UNIVERSITY OF DAR ES SALAAM



### Details of Travel Activity

Name of activity	4 <sup>th</sup> International School in Marine Biology 26 January to 1 <sup>st</sup> February 2020 Namibia (Summer School) for Masters and PHD students from Southern Africa region
Date held	January 26 <sup>th</sup> to February 1 <sup>st</sup> , 2020
Personal contribution	Oral presentation about Taxonomic survey of Eucheumatoid ( <i>Euचेuma</i> and <i>Kappaphycus</i> ) along the coastal regions of Tanzania

### Report on Travel Activity

The main objective of this travel was to attend the course on current issues in marine biology including: marine biotechnology, genomics, post-genomics and bio-informatics, marine bio-resources and blue biotechnology, climate change and impact on coastal

ecosystems, cultivation of seaweeds and seaweed industry, aquaculture of marine invertebrates and integrated farming, molecular taxonomy and systematics.

This course has helped me to acquire knowledge specific on the molecular taxonomy and systematics of seaweed, algal-pathogen relationships and impact on the marine ecosystems, sustainable production of marine bioresources, natural product chemistry and biodiscovery, methods in plankton biology, quantitative genetics and selective breeding as well as tropical seaweed farming in Tanzania. The knowledge gained from this course is very useful for me to achieve one of objective of the sub-project of GloalSeaweedSTAR in Tanzania (UDSM) about molecular characterisation of Eucheumatoids species occurring along the coastal regions of Tanzania as well as morphological and molecular identification of macroalgae species in Tanzania for herbarium establishment.

All participants (Students) had time (5minutes) to give presentation on a study they were doing or a plan of the study for the future, this give me confidence to present what I'm doing with GloalSeaweedSTAR as ECR and what were are planning to do for the future so as to make sure seaweed farming industry in Tanzania is well developed.