RESPONSE TO PANELIST COMMENTS [FROM THE LAST TWO PRESENTATIONS]

DONE 21st OCT and 29th November 2021.

REG. NO.: ENC222-0149/2017

NAME: OKELLO JACOB OKOMO

PROJECT TITLE: SPATIOTEMPORAL MODELLING & AUTOMATED IN-SITU SENSORS TO MONITOR HARMFUL ALGAL BLOOMS(HABs): CASE STUDY OF LAKE VICTORIA

1. Change title to modelling HABs as the sensor is a footnote.

Prof. Waithaka initially suggested that I do modify the title to something else that he was to guide me in.

I was to submit the write-up to you then you to later forward to him after going through it for further changes, including the title. Kindly let me know how it goes.

Meanwhile, I've tentatively set it to: SPATIOTEMPORAL MODELLING AND MONITORING OF HABs; CASE STUDY OF LAKE VICTORIA if that works.

2. Check 2018 data

The correlation values of chlorophyl-a concentration for 2018 appeared odd one out from others as the R^2 was 0.61 unlike the others. The upon, re-inspection the data was found to have greater values of outliers that were removed since their sources couldn't be explained. The R^2 for Chl-a is now 0.839463 after review as shown in page 40 of the write-up.

3. Conclusions should be responses to objectives; conclusion generic - tie conclusion to major results

Initially, the conclusions were not statistically addressing the objectives and they appeared generic and to general. The conclusion derived are now quantitatively addressing the specific objectives of this research study as shown on page 53 of this write-up.

References;

1. Are appended in the reference section of this write-up (Page 55)

Supervisor:

Sign:

Date: