

Energy Harvesting, Storage and Management for Environment Monitoring Wireless Sensor Networks in the East African Region

Progress Report - September 2018

September Plans

- Submit Paper on Objective 4 to MDPI – Just received the feedback from my 2nd advisor
- Submit revised thesis – not yet. Still with advisors
- Deploy at least one station – done. Entebbe on 15th September
- Revisit objective 1: on hold until “relevant” things get more progress

Deployments

- Entebbe – deployed on 19th. Online for one week. Off on 22nd due to low power. Solar insolation is much lower. Oversight from my part after being told by Obj4! Otherwise everything went well.
- Lessons:
 - Run algorithm for each deployment using UNMA data
 - Well secured stations can take oversized panels
 - Take spare sensors (2 were destroyed during the exercise)
- Mubende – tomorrow
- Lwengo – As soon as possible after
- Eastern region (Jinja, Kamuli, Kaliro, Buyende)