Use of the Results of FIS/FFM training – Present state and Future Plans
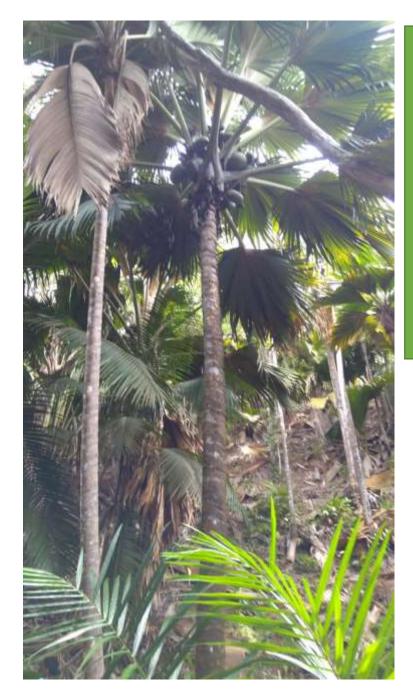*By team Seychelles*

Present status(FIS):
- Mapping using QGIS software plugins and tools
- Use of freely available satellite imageries and forestry data from online software (including JAXA) for image analysis
- Teach colleagues how to collect data using tablet PC

Future Plans of FIS/FFM:

- Work together as a team to produce and store better forestry data
- Perform image classification in order to know various land cover and land cover changes over the years (change detection)
- Continuous commitment to SADC; keep providing forestry information
- Perform more tablet field surveys using the tablet PC given; do away with paper work!!
- Set up our National Forest Information System (NFIS)
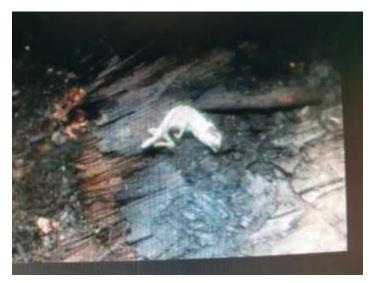- Use of GEE

FFM
- Although small island state, Seychelles not excluded from Forest Fire impacts (forest fire scars still visible in wild areas in certain areas)
- Fire mainly due to anthropogenic activities (not putting out fire completely after domestic burning, uncontrolled burning on farm land near forest area, harvesting of honey using smoke etc....)
- In Seychelles our dense forest with a very mix vegetation is perfect fuel to be consumed by fire.

Present status:

- Raising fire awareness program to local communities is the main thing we put emphasis on using the media TV/Radio.(yearly basis).
- Incident command center/ (Department Risk Disaster Management) already in place to respond to any emergency concerning forest fire. working very well.
- Lack of trained fire fighters.
- The main technique using by both firemen and forestry staffs are indirect attack, we get rid of the fuel (trees, twigs grasses), in line creating fire break.
- Given of our land topography fighting fire is very difficult in Seychelles.

Future Plans

- To use the GIS software and mobile device to monitor fire and collecting of field data.
- We will need the assistance of a GIS expert to assist with the use of the GIS software.
- A GIS lab is now in place and can be use for future Forest fire data storage on a continual basis.
- Using of the Fire Danger Index(FDI) chart to better understand the weather condition prior to engage in to control burning activities or issuing burning permit on daily basis.
- Proper maintenance of the fire break which now is not in good state. we need to go back to our former practice.
- Appropriate equipment to fight forest fire
- At present we may not have all the necessary equipment but when facing a Forest fire incident we put all available resources in to eliminate the fire the quicker within the first 24hrs.