USE OF RESULTS OF FIS & FFM TRAINING

PRESENTATION AT A JICA-SADC ON FOREST CONSERVATION AND SUSTAINABLE MANAGEMENT MEETING

Held at Travelodge, Botswana

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PRESENTATION OUTLINE

Forest resources in Malawi{ present status}

• Fire management activities {present status}

Future plans

Challenges

Forest Resources in Malawi

- Forest Resources are classified into
- Natural Woodland, Forestry Plantations and Woodlots
- Natural woodlands comprises
- Forest Reserves (8,076 km2)
- national parks and game reserves (9,680 km2)
- customary forests (8,843 km2)
- Forestry Plantations (980 km2)
- Forest area has declined over the past decades due to deforestation and degradation

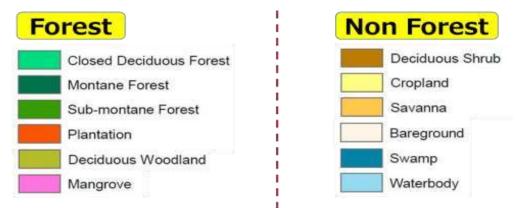
Forest resources cont.....

Deforestation rate according to 2018 forest inventory

• 0.63% (+/- 0.10), from 2006 – 2016, in more intact/more densely forested areas, protected areas, and forest reserves

Lesson learnt on RFS & NFIS training

How to develop FDM 2015, to be used as base map for monitoring forest change in the years after 2015.

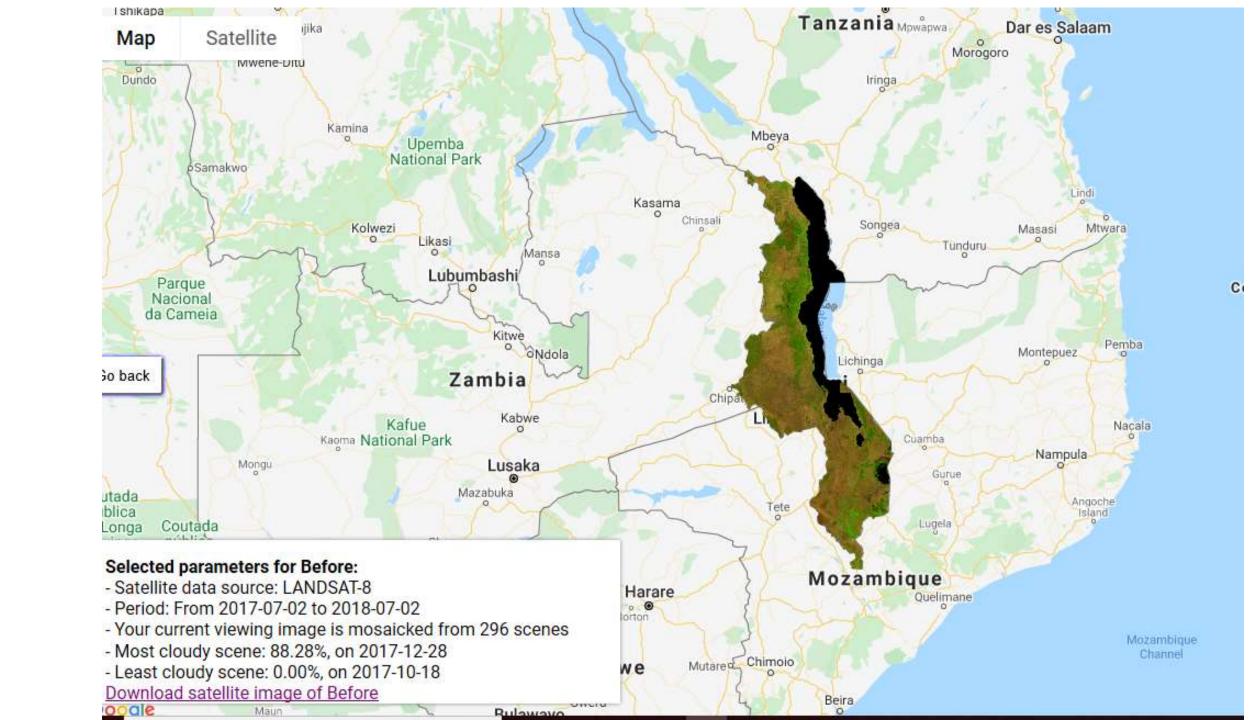


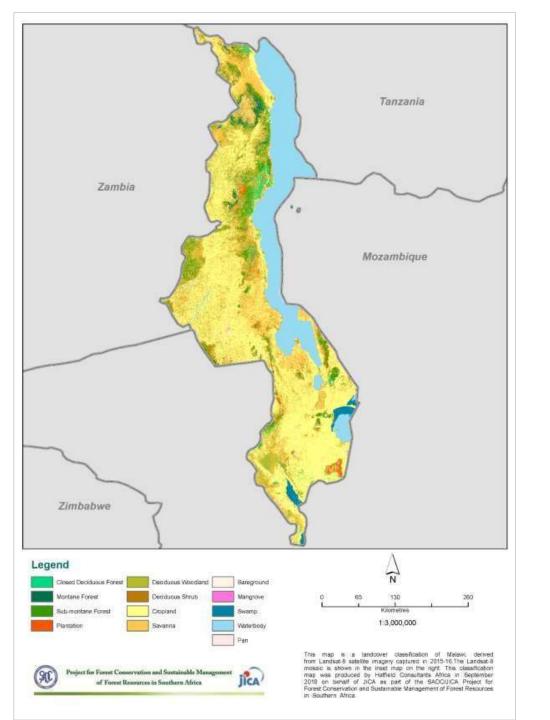
Changes in the forest area from forest to non forest (loss) and non forest to forest(gain) in a certain yr excl. plantations- changed by patterns

Outputs of the changed area are in raster format to area in hactares & Volume

Produce Forest outlook map- aggregated changes between 5yrs (2015-2020)

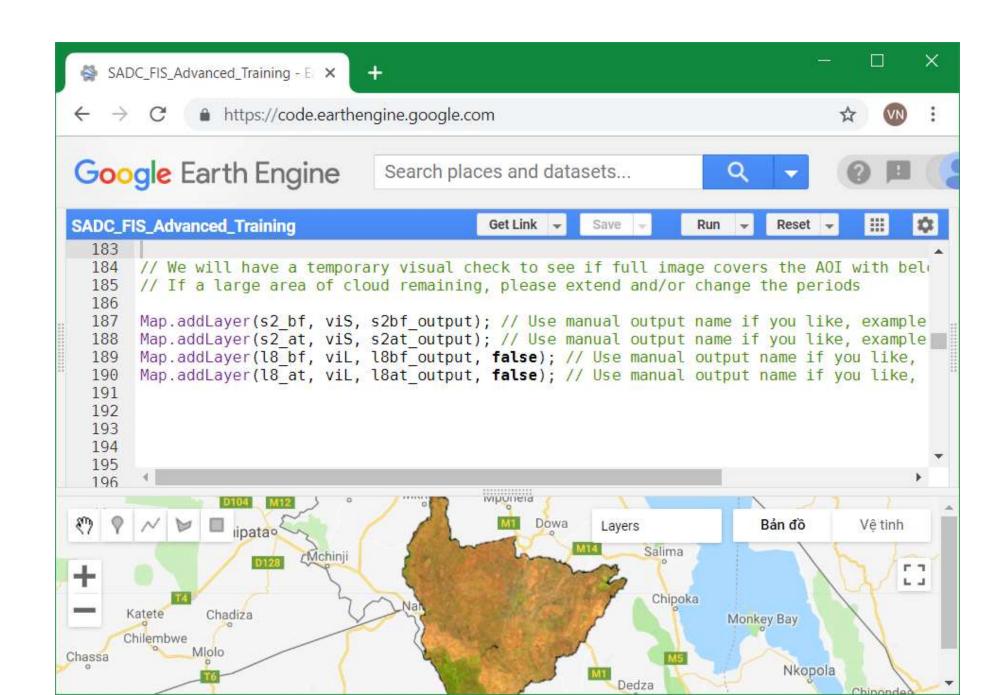






Future Plans

- Customize FDM 2015 for Malawi to improve the Map and upload the map using Google earth engine and ground truthing
- Develop forest outlook map for 2020
- Calculate forest yearly Gain and loss changes from 2015 going forward for each Forest reserves in Malawi
- Calculate forest volume for each reserve



PRESENT STATUS

Fire occurrences are experienced every year especially in plantations





CHALLENGES OF FIRE MANAGMENT

- Personnel {numbers, skills}
- Lack of Equipment
- ➤ Inadequate Mobility e.g vehicles, motorcycles etc
- > No MoUs for transboundary fire management

FUTURE PLANS

- ✓ Training field staff
- ✓ Mobilisation of resources such as fire fighting equipment
- ✓ Collaboration with other stakeholders

Thank you