SADC-JICA FORESTRY PROJECT Forest Information System Component

Mozambique Presentation

Kasane, BW 24 ~ 27 / 02 / 2020

Renato Timana and Fatima Bonete



The Project for Forest Conservation and Sustainable Management of Forest Resources in Southern Africa



SADC-JICA Forestry Project Event Participants (Mozambique)

Fores	t Inform	nation Syste	em			
Exper	t Worki	ng Group				
				Department of Forest Resources		
2016	Nov	S.Africa	Renato Timana	Inventory	Aida Zita	DINAF Manitoring Division
2017	Nov	Botswana	Alves Amaral	Cabo Delgado Forest Service		
2010	Ost	7		Department of Forest Resources		
2018	Oct	Zambia	Renato Timana	Inventory		
				Department of Forest Resources		
2020	Feb	Botswana	Renato Timana	Inventory		
Basic	Training	5				
2017	Jun	Botswana	Paulo Feniasse	Department of Natural Forest		
2017	Nov	Botswana	Alves Amaral	Cabo Delgado Forest Service		
Advar	nced Tra	aining				
				Department of Forest Resources		
2019	Jun	Botswana	Renato Timana	Inventory		
				Department of Forest Resources		
2019	Jul	Botswana	Milda Mausse	Inventory		
NFIS 7	Fraining					
				Department of Forest Resources		
2019	Dec	Botswana	Renato Timana	Inventory		





Forest F	ire Ma	nagement				
Expert \	Norkin	g Group				
2016	Nov	S.Africa	Renato Timana	Project Focal Point	Aida Zita	DINAF Manitoring Division
2017	Nov	Botswana	Obasanjo Dembele	Department of Forest Resources Inventory		
2018	Oct	S.Africa	Ermelinda Estefania	Manica Forest Service		
2020	Feb	Namibia	Fatima Bonete	Department of Community Forest Management		
Joint Ba	sic Trai	ning			1	
2017	Nov		Ermelinda Estefania	Manica Forest Service		
Advance	ed Trair	ning (Fire on	ly)			
2018	Oct		Obasanjo Dembele	Department of Forest Resources Inventory		
Land us	e Mana	agement trai	ning		-	
2017	July	S.Africa	Ermelinda Estefania	Manica Forest Service		
2017	Aug	S.Africa	Obasanjo Dembele	Department of Forest Resources Inventory		
Trial MC	DU +Aw	/areness			1	
2019	July	S.Africa	Ermelinda Estefania	Manica Forest Service		
Compre	hensiv	e Training	·			
2019	Nov	Lesotho	Fanuel Muchanga	Gaza Forest Service		



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Use of the results of FIS/FFM training

- Field Data collection
 - FIS (mapping and ground truth)
 - FFM (affected area and monitoring system)
- Data processing and forest area change calculation
 - FIS using different open sources and tools
 - Landsat, Hansen data, JAXA FNF, Polygon
 - GEE, QGIS
 - FFM
 - Interpretation of information reported and processed
 - Update FFM map
- Integrated Fire Management
 - Coordination (steak holders, legislation)
 - Prevention (awareness, early warning system)
 - Protection (protection strategy)
 - Suppression (detection, communication, coordination, tools and equipment)





Present and Future

- Establishment of FIS
 - Mapping the Forest Area Change
 - Sustainable Forest Management
- Establishment of NFMS
 - Respond to Climate Change
 - Sustainable Forest Management
- International reports
 - FRA
 - BUR
 - NC
 - FREL
 - SADC-RFIS
- National training using the Manuals and Guidelines

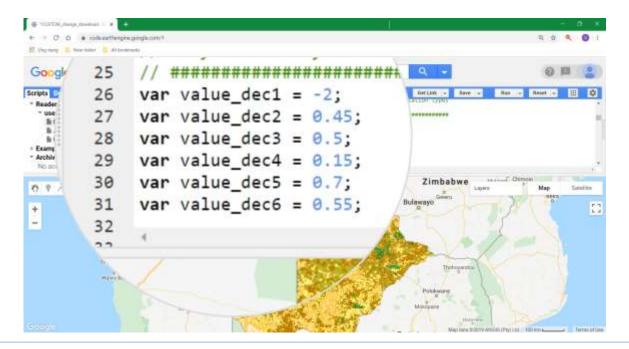




Data sources for NFIS

Customized Landsat Time-Series country forest loss/gain data

- Thresholds are customizable to generate best data for MSs.
- Can be used to feed RFIS annually.





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