



Waterhole Monitoring Project - Marsabit and Isiolo counties

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Location: Marsabit and Isiolo Counties

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Dr Laban MacOpiyo of LARMAT Leads a Field Assessment Team to Marsabit and Isiolo Counties for the Waterhole Monitoring Project.



Dr. Laban MacOpiyo of [Department of Land Resource Management and Agricultural Technology](#) led a team from the University of Nairobi (UoN) and Food and Agricultural Organization of the United Nations (FAO) to undertake extensive field activities in the counties of Isiolo and Marsabit for the Waterhole monitoring project.

The waterhole monitoring project is a surface water resources monitoring project that is being implemented in the pastoral areas of Kenya to provide near real-time analysis of the variations in depth and status of watering pans and dams across the country. The aim is to provide critical early warning information on the conditions of water pans and dams in terms of available water for livestock and human use. The monitoring process involves application of several technologies including remote sensing, site monitoring using mobile phones and modelling.

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The fieldwork was undertaken by Dr. Laban MacOpiyo (UoN) and Mr. Michael Ngutu (FAO) who were accompanied by various government officials from Water and Livestock Production ministries in the two counties. The team was able to visit 16 water pans and dams in the two counties and hold deliberations with sector county officials and water users associations.

The project is undertaken by the University of Nairobi/Texas A&M/USGS collaboration through funding from FAO. Further information regarding the project can be found at <http://watermon.tamu.edu/>

Gallery:  [Community Consultation.JPG](#)

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