

MONITORING EPHEMERAL WATER BODIES IN FERLO, SENEGAL

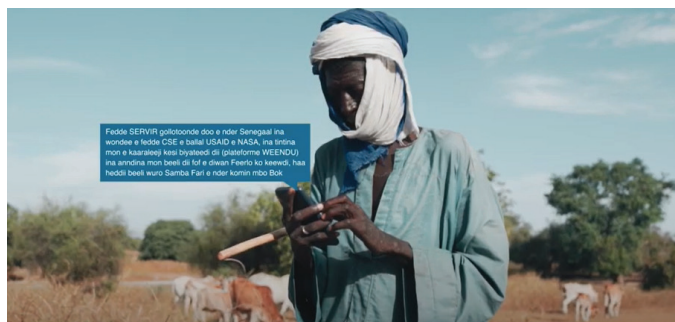
An Innovative Solution to Improve the Management of Water Resources in the Region



The WENDOU platform developed by the SERVIR West Africa program and the Centre de Suivi Ecologique (CSE) provides an effective solution for monitoring the availability of water in temporary surface water points in the Ferlo region of Senegal. By providing accurate and up-to-date information on the location, extent, and water availability of more than 1,300 ponds in near real-time, the platform enables decision-makers and community leaders to make informed decisions regarding the management of water resources in the region.

Features:

- Comprehensive solution for monitoring water resources in the Ferlo region
- Provides accurate and up-to-date information on the availability of water in the region



- Reduces the need for labor-intensive in situ data collection
- Provides an alert system to inform users when the water level in a pond exceeds or falls below a predefined threshold
- Improves the efficiency of the monitoring process

Benefits:

- Enables decision-makers to make informed decisions regarding the management of water resources in the region
- Contributes to the sustainability of pastoralism in the Ferlo region by ensuring access to fresh water resources for subsistence and livelihood
- Reduces environmental impacts, such as silting and pollution, on the temporary surface water points in the region
- Has a positive impact on the socio-economic and environmental aspects of the Ferlo region

Monitor the water resources in Ferlo, Senegal with WENDOU and improve the management of water resources in the region. Contact us today to learn more about the platform and how it can benefit your community.



SERVIR connects space to village by helping developing countries use satellite data to address critical challenges in food security, water resources, weather and climate, land use, and natural disasters. A partnership of NASA, USAID, and leading technical organizations, SERVIR develops innovative solutions to improve livelihoods and foster self-reliance in Asia, Africa, and the Americas



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