







WETSAPP

Wetland Monitoring Platform

Reveal: Thursday, May 21, 2026

What is WETSAPP?

WETSAPP is a mobile app for wetland data collection and monitoring in the Seychelles. Built for field teams, conservation partners, and school clubs participating in the LEAP Wetland Monitoring program.

-  **Works Offline:** Collect data in the field, uploads automatically when connected
-  **Species Guide:** Photos & descriptions for identification
-  **Auto GPS & Photos:** Location and visual documentation built-in
-  **Bilingual:** English & Seychellois Creole

What You Can Record



Wetland Biodiversity

Identify and record flora and fauna species



Wetland Health

Monitor mangrove health and restoration efforts



Wetland Threats

Report pollution and cleanup activities

Key Benefits: No paper forms • Immediate data availability • Reduced errors • Real-time collaboration

Project Timeline

- Initial Development**
4 months • Core platform & offline functionality
- Field Testing**
2 months • User feedback & refinement
- Production Ready**
May 2026 • Launch deployment

Total Development:
6 months to production-ready platform

Technical Platform

Mobile & Desktop Support

Android 7+, iOS 14+, PWA for Windows/macOS

Offline-First Architecture

Full functionality without internet, auto-sync when connected

4-Tier User System

School Club → Conservation Partner
→ Superuser → Admin

Automated Data Pipeline

GPS, weather, tide auto-capture; AI-powered reports

Interactive Maps

Site-specific aerial imagery with clickable zones for monitoring

Bilingual Interface

Complete English & Seychellois Creole translation

