

The Prey Lang Data Collection App

Bridging Community Knowledge and Digital Innovation
to Strengthen Collective Conservation Action.



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What is Prey Lang App?

The Prey Lang mobile application is a community-based monitoring (CBM) tool that enables local communities in Cambodia to collect, document, and organize information about forests, biodiversity, conservation actions, and environmental changes.

Local communities living near forests are often the first to observe changes in their environment. Their monitoring can reveal important information about biodiversity, forest conditions, and environmental changes.

By transforming field observations into structured, geo-referenced records, the app helps make community knowledge more accessible for monitoring, learning, and conservation planning.

Why it matters

- Forests and biodiversity face increasing environmental pressures.
- Reliable, local-level data is essential for understanding environmental changes and planning action.
- Communities are the first to observe environmental changes.

The Prey Lang app puts digital monitoring tools directly into the hands of community members, supporting their role as knowledge holders and leaders to conservation.

How the app works

The Prey Lang app follows a simple, community-led and field friendly workflow:

- 📍 Capture location (GPS)
- 📷 Take/upload photos
- 🎤 Record audio observations (optional)
- 📁 Select category (guided decision tree)
- 💬 Add comments
- ☁ Upload data (online - minimal data usage / offline - storage)

Key Monitoring Categories

Activities / Threats

- Illegal logging
- ELC
- Hunting
- Mining
- Illegal fishing

Natural Resources

- Tree
- Animal
- Non-Timber Forest Product
- Sacred Site

Interactions

- Positive Collaboration
- Reporting to Authority
- Threat
- Violence

Climate

- Natural disaster
- Climate change adaptation

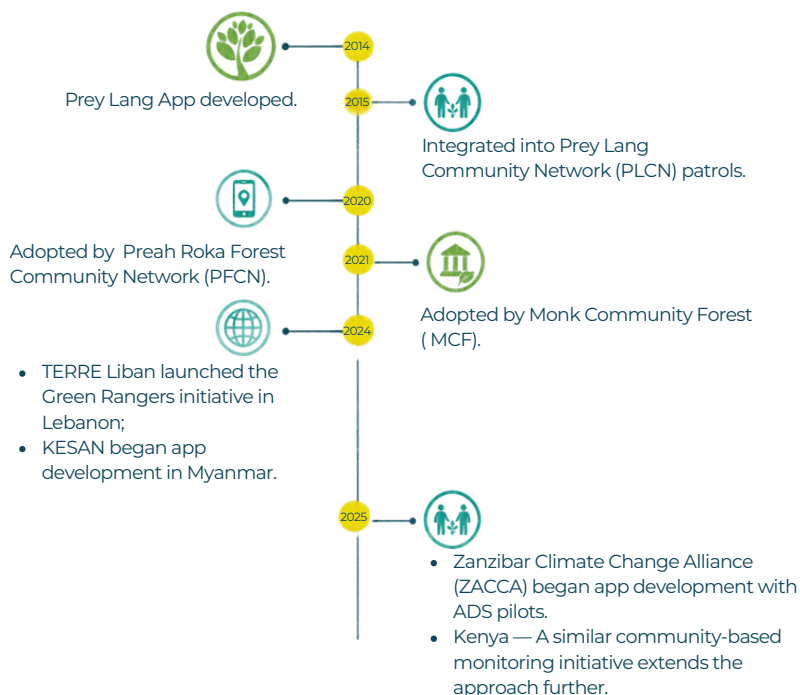
Key Features:

- Offline functionality for remote areas
- Photo, audio, and GPS evidence
- Simple interface (icons/audio) for low literacy users
- Community-defined categories reflecting local priorities
- Secure and adaptable data collection



Beyond an App

Prey Lang App has transformed from a local innovation into a regional and international collaboration.



Why it matters

1. Making community monitoring count

With support from data managers and the University of Copenhagen, monitoring results are compiled through IFOROS (Integrated Forest Observation System).

The evidence supports quarterly and annual forest monitoring reports in Khmer and English, media coverage, press conferences, and dialogue with government agencies and international stakeholders.



2. Local Ownership

Community-based youth technology champions help build digital skills, train fellow community members, and provide ongoing support to app users.

This locally rooted support system strengthens community capacity and helps sustain digital monitoring beyond the technology itself.



The Prey Lang Data Collection App Initiative shows how a mobile app can grow into a wider model for community-based monitoring, capacity building, environmental communication, and collaboration.

Explore the Story Behind the Impact

Discover forest monitoring reports, community observations, and conservation outcomes documented through the Prey Lang App initiative.

Scan to explore the data, reports, and impact.



linktr.ee/IFOROS

Community-Based Monitoring in Implementation

See CBM in Practice

Scan to explore the report and
discover how community-based
monitoring works on the ground.



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