

Land-Potential Knowledge System:

Free app for sustainable land management



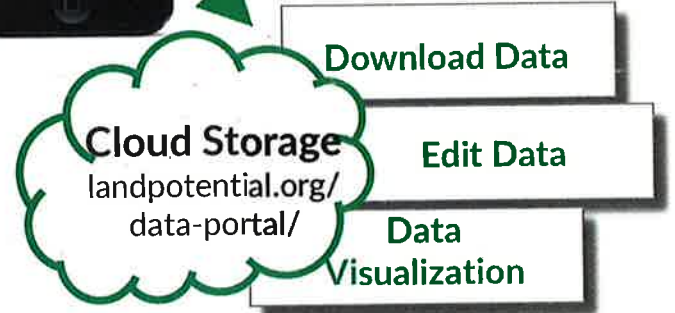
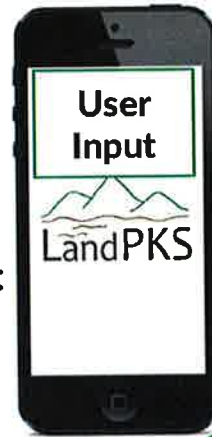
What is the LandPKS?



- App that collects basic *soil* and *vegetation cover* information
- Automated *data storage, backup, and access*
- Simple *soil texture determination* – no training needed!



- **New Features:**
 - Soil color determination
 - Land Capability Classification
- **Coming Late 2018:**
 - Automated *soil identification* and access to soil information
 - *New modules:* LandManagement, SoilHealth



Coming in 2019:

- Ability to share management options
- A Citizen Science tool for accessing and contributing to soil survey and land cover databases

Can it be integrated with existing databases?

- YES**
 - ✓ LandInfo soil descriptions NRCS/FAO compatible.
 - ✓ LandCover methods compatible with standard land cover methods used in many countries (e.g. US NRCS-NRI and BLM-AIM, Namibia, Mongolia).

Can other apps use LandPKS data?

- YES**
 - ✓ API allows value-added delivery through the portal/other apps.

What about data privacy?

- 2019**
 - ✓ None currently. Future versions will allow users to limit public access to their data.

PARTNERS

Development



Implementation



Development & Implementation



Get more info and register for updates on landpotential.org

CORE



5 Easy Steps!



Step 1

Download the app and register a Gmail address (so you can find your data on the Data Portal)

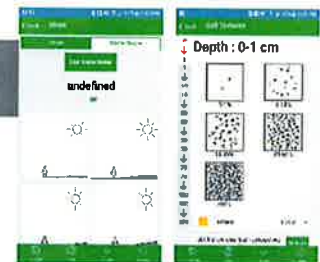
Step 2

Click the + to start a new site; then name your site and obtain the GPS



Step 3

Enter your LandInfo and/or LandCover data under the Data Input tab



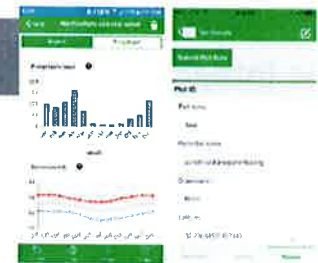
Step 4

Submit/upload your data by clicking 'Synchronize Now' at the top of the data input screen



Step 5

View your data and results on your phone under the Report tab and on the Data Portal at LandPotential.org



Step 6 (Optional)

Add more data or modify your data at any time by returning to the Data Input page

