



Mobile App for Farmers, Ranchers, Planners and Extension

Why LandPKS?



- **Collect, interpret** and **store** soil, vegetation & management data
- **Access** soil & management information

4 Input modules

LandInfo
soil characterization, identification*/link to FAO resources, Land Capability Classification

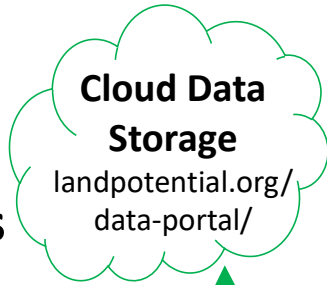
LandCover
pasture/rangeland cover + crop residue, weed, agroforestry cover

SoilHealth*
field observations + lab data recordkeeping

LandManagement*
farm recordkeeping

Multiple Uses

- Soil identification
- Land use planning
- Project planning
- Remote sensing calibration/validation
- Rangeland monitoring
- On-farm/ranch research
- Agricultural product certification



Phone Output



Is LandPKS consistent with other systems?

- YES** ✓ **Soil:** USDA, FAO, etc...
 ✓ **Vegetation:** USDA-NRI, BLM-AIM, Mongolia, Namibia, etc...

Data privacy?

- YES** ✓ Future versions (late 2019).

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



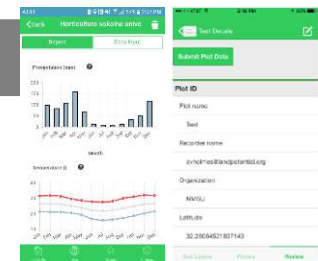
Step 4

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

