



One app, many applications.

Download the LandPKS mobile app for free to:

- ▶ **Determine** your land's potential by identifying your soil and ecological site
- ▶ **Access** soil, ecological site and habitat information
- ▶ **Monitor** soil health, vegetation cover & structure, and measure soil color
- ▶ **Keep** management records

6 Report Modules

LandInfo

Access to NRCS/FAO soil and ecological site information + identification, LCC

Vegetation

Access land cover and trends imagery and data, graph your monitoring data

Habitat

Info for species within geographic range and comparison to your own LandCover data

LandManagement

Access your LandManagement data

SoilHealth

Access your SoilHealth data

Climate

Access precipitation, temperature, and growing period for your location

4 Input Modules

LandInfo

Determine soil color, texture, + slope; document Land Capability Classification (LCC) limitations

LandManagement

Document rainfall, seeding, weed control, etc. with a simple calendar function

SoilHealth

Access instructions and record NRCS soil health indicators

Vegetation

20-minute vegetation cover & structure monitoring; utilization measurements



The leaf indicates that information is available immediately upon creating a site. It is used in the app to indicate when any new information becomes available.



LandPKS is compatible and consistent with the following systems:

Soil: USDA-NRCS, FAO, ISRIC-SoilGrids

Vegetation: USDA-NRI, BLM-AIM

Open TEAM (open-source software for agriculture)

LandPKS takes data privacy seriously.

Choose to share on our global Data Portal or keep information private.

Get more information & register for updates at LandPotential.org.



Agricultural
Research
Service



See a complete list of our development and implementation partners on LandPotential.org.

Get started using LandPKS in 5 easy steps:

Step 1

Download the LandPKS app onto your device for free

- Register a Gmail address to use the LandPKS app.
- Note: Google independently authenticates your account. LandPKS does not have access to your Gmail login.



Step 2

Click the + to create a new site*

- Name your first site and obtain the GPS coordinates.
- You can already view possible soils under **LandInfo** and wildlife species on your land under **Habitat**.

**Or click on the Map to view possible soils without creating a site.*



Scan for **LandInfo** training videos.

Step 3

Enter data in the Data Input tab

- **LandInfo**: record slope, texture, color for Soil ID.
- **Vegetation**: 20-minute land cover monitoring with a yard stick and utilization measurements.
- **SoilHealth**: record and store lab data + field observations.



Scan for **Vegetation** training videos.

Step 4

Click "Synchronize Now" at the top of the data input screen when you have a data connection to:

- Backup your data to the cloud. This ensures your data will always be available to you. It also allows you to access your data on the Data Portal.
- Get new soil predictions after you enter LandInfo data (Under Report, in the SoilID section, view the *GPS+Data* and *Data* tabs).



Scan for **SoilHealth** training videos.

Step 5

View data and results in the Report tab

- **LandInfo**: view your updated site-specific soil ranking, access information about potential vegetation and restoration options through EDIT.
- **LandManagement** & **SoilHealth**: generate PDF reports.
- **Habitat**: compare habitat characteristics with your data.
- Visit the **Data Portal** at LandPotential.org to download a .csv file of your data.



Scan to learn about **Habitat**.



For more resources, including additional step-by-step instructional videos, visit the Knowledge Hub at landpotential.org/knowledge-hub/