



One app, many applications.

Download the LandPKS mobile app for free to:

Determine your land's potential, identify your soil and automatically calculate how much water your soil can store

Access soil management (FAO) & soil conservation (WOCAT) info

Monitor soil health, vegetation cover & structure, measure soil color

New **Tools** button accesses many functions without creating a site

7 Report Modules

LandInfo

Identify soils, evaluate land potential, and access soil information

Vegetation

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

Habitat

Access info about species within geographic range and compare to your own LandCover data (currently US only)

SoilHealth

Access your SoilHealth data

LandManagement

Access your LandManagement data

Climate

Access precipitation, temperature, and growing period for your location

Soil Conservation (WOCAT)

Review soil conservation management options for your type of land

4 Input Modules

LandInfo

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

Vegetation

Collect 20-minute vegetation cover & structure data, and record utilization data

SoilHealth

Access instructions and record soil health indicators

LandManagement

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

 indicates when new information is available in the app (based on location or user inputs).

LandPKS takes data privacy seriously.

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



LandPKS is compatible and consistent with the following systems:

Soil: USDA-NRCS, FAO, ISRIC-SoilGrids

Vegetation: USDA-NRI, BLM-AIM and vegetation cover estimation tools (e.g., RAP)

Open TEAM (open-source software for agriculture)



Get more information and register for updates at landpotential.org

Get started using LandPKS in 5 easy steps

1

Download the LandPKS app onto your device for free

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



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 QR codes to learn more about:



LandInfo



Vegetation



SoilHealth



Habitat

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.

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).

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.



Access a complete list of our development and implementation partners at landpotential.org

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