

# 50+ Digital Tools & Apps for Permaculture Designers

compiled by Heather Jo Flores, for the #freepermaculture project

Free? Upgrade MacOSx iOS Windows Android Website Comments

## CREATIVITY & INSPIRATION

<a href="#">Whack pack</a>		\$2		✓				Silly, provocative, inspiring app based on the classic book.
<a href="#">Ananda</a>	✓	\$3		✓				Worth the upgrade. Amazing app.
<a href="#">Systems Thinking</a>	✓	-					✓	A selection of mental tools from Donella Meadows.
<a href="#">Oblique Strategies</a>	✓	\$2		✓		✓	✓	Brian Eno's card set for creative exploration.
<a href="#">Brainsparker</a>	✓	\$3		✓		✓		Bunches of ideas, curiosities, and writing prompts.

## BRAINSTORMING & WORKFLOW

<a href="#">Cardflow</a>	✓	\$15	✓	✓				Index card app with multiple capabilities.
<a href="#">Mindly</a>	✓	\$7	✓	✓				Mind-mapping with a variety of useful export options.
<a href="#">Treenity</a>	✓	-		✓				Mind-mapping with Reminders app integration!
<a href="#">Trello</a>	✓	monthly		✓		✓	✓	Free version is ample for organizing huge projects.
<a href="#">Asana</a>	✓	monthly		✓		✓	✓	Free version is ample, simple and clean interface.
<a href="#">Pyrus</a>	✓	monthly		✓		✓	✓	Offers unique task-based workflow. Free is ample.

## FIELD NOTES & DATA COLLECTION

<a href="#">Google Keep</a>	✓	-	✓	✓	✓	✓	✓	Seamless syncing to all devices, integrates with G-suite.
<a href="#">Zoho Notebook</a>	✓	-	✓	✓	✓	✓		Excellent free app for any device has multiple capabilities.
<a href="#">GoodNotes</a>		\$6	✓	✓				Great for making scrapbooks with notes and images.
<a href="#">Otter Voice notes</a>	✓	monthly		✓		✓	✓	Essential app transcribes voice notes, meetings, videos, etc.
<a href="#">Reverse Image Search</a>	✓	\$2		✓			✓	Excellent for identifying plants and insects.
<a href="#">Google Sheets &amp; Forms</a>	✓	-					✓	Collect, organize, and analyze all kinds of information.
<a href="#">Annotable</a>		\$10		✓				Great for noting design ideas, microclimates, plants

## MAPPING & SURVEYING

<a href="#">Google Earth</a>	✓	-		✓		✓	✓	Get overhead and 3D images of any site.
<a href="#">Google Maps Distance Calc</a>	✓	-					✓	Measure distances on google maps.
<a href="#">Contour Map Creator</a>	✓		✓		✓		✓	Autogenerates complex maps.
<a href="#">Pocket Earth Pro</a>	✓	\$5		✓				Offline access to street and topo maps.
<a href="#">Footpath</a>	✓	monthly		✓				Map a path or boundary and measure the distance.
<a href="#">Screen Ruler</a>	✓	-	✓		✓		✓	Measure objects on your computer screen.
<a href="#">AR Measurement apps</a>	✓	-		✓		✓		Measure distances using your device's camera.
<a href="#">Maps 3d</a>	✓	\$5		✓				3D mapping with advanced features.
<a href="#">Theodolite</a>		\$6		✓				Advanced AR landscape imaging and measurements.
<a href="#">Water Point Mapper</a>	✓	-					✓	Information to help with all things water-related.
<a href="#">SoilGrids.org</a>	✓	-					✓	Discover and map your soil.
<a href="#">NCRS Soil apps</a>	✓	-	✓		✓		✓	Huge selection of soil apps, mostly useful in USA.
<a href="#">UCDavis Soil apps</a>	✓	-	✓		✓		✓	More soil apps! USA only.
<a href="#">Contour Map Generator</a>	✓	-					✓	Find and document your site contours.
<a href="#">SunEarth Tools</a>	✓	-					✓	Everything you need for your solar power calculations.
<a href="#">SunSurveyor</a>		\$10		✓		✓		3D compass and interactive sky map.
<a href="#">SunCalc</a>	✓	-					✓	Interactive sun movement and sunlight phase map.
<a href="#">Shadow Calculator</a>	✓	-					✓	Sun shadow on Google maps.
<a href="#">SunSeeker</a>		\$10-30	✓	✓		✓		Solar tracking and compass app.
<a href="#">GIS Mapping apps</a>	✓	-					✓	Advanced, open-source tools for cartographers.

## DRAWING & RENDERING DESIGNS

<a href="#">Sketchbook</a>	✓	-	✓	✓	✓	✓		Powerful app made by architects includes large community.
<a href="#">Affinity Designer</a>		\$20-50	✓	✓	✓			Closest alternative to Adobe Illustrator, no monthly fee.
<a href="#">Q-CAD</a>	✓		✓		✓			Open-source multi-layer 2D drafting and designs.
<a href="#">GIMP</a>	✓	-	✓		✓			Advanced, open-source image editing.
<a href="#">Inkscape</a>	✓	-	✓		✓			Open-source vector drawing.
<a href="#">Concepts</a>	✓	\$10+		✓				Vector ink, infinite canvas, scaleable drawing & design.
<a href="#">Procreate</a>		\$10		✓				Best overall for designing on an iPad. Buy it.
<a href="#">SketchUp</a>	✓	monthly	✓		✓		✓	3D modeling. Free version is robust.
<a href="#">Realtime Landscaping</a>	✓	\$90-400					✓	Trial version very limited. Comes highly recommended.
<a href="#">Home Outside</a>		\$3/\$25	✓	✓				Limited features but easy to use layer-based design.

## PHOTOGRAPHY

<a href="#">Photopea</a>	✓	-					✓	Free online photoshop; does full-scale graphic design.
<a href="#">Ultralight</a>	✓	\$8		✓				Well worth the upgrade, excellent photo app.
<a href="#">Snapseed</a>	✓	-		✓		✓		Powerful and free, from the creator of Photoshop
<a href="#">Fotor</a>	✓	monthly	✓	✓	✓	✓		Free version very robust; great for photo collages.
<a href="#">Orasis</a>	✓	\$2		✓				Instant and easy photo enhancement.

## PRESENTATIONS

<a href="#">Canva</a>	✓	monthly		✓		✓	✓	Great for making charts and graphics.
<a href="#">Google Slides</a>	✓	-		✓		✓	✓	Free, easy, shareable, with full set of exporting options.
<a href="#">Komodo Decks</a>	✓	-		✓				Make voiceover videos for PDF documents.
<a href="#">PerfectVideo</a>		\$5		✓				Super easy to use slideshow, video, and voiceover app.
<a href="#">Vidra</a>		\$7		✓				Multilayer slide presentations with tons of features.
<a href="#">Vittle Pro</a>	✓	\$25		✓				Skip the free version and go for the full Pro version. Worth it.
<a href="#">LumaFusion</a>		\$30		✓				Excellent pro-quality yet easy to use video editing.
<a href="#">Jitsi</a>	✓	-	✓	✓	✓	✓	✓	Free, open-source, secure meetings and screencasting
<a href="#">Loom</a>	✓	monthly	✓		✓		✓	Record your screen and your face at the same time, for free.
<a href="#">iMovie</a>	✓	-	✓	✓				Learning curve is steep but capabilities are huge.
<a href="#">Windows Movie Maker</a>	✓	-			✓	✓		Free Windows video editing app made by Microsoft