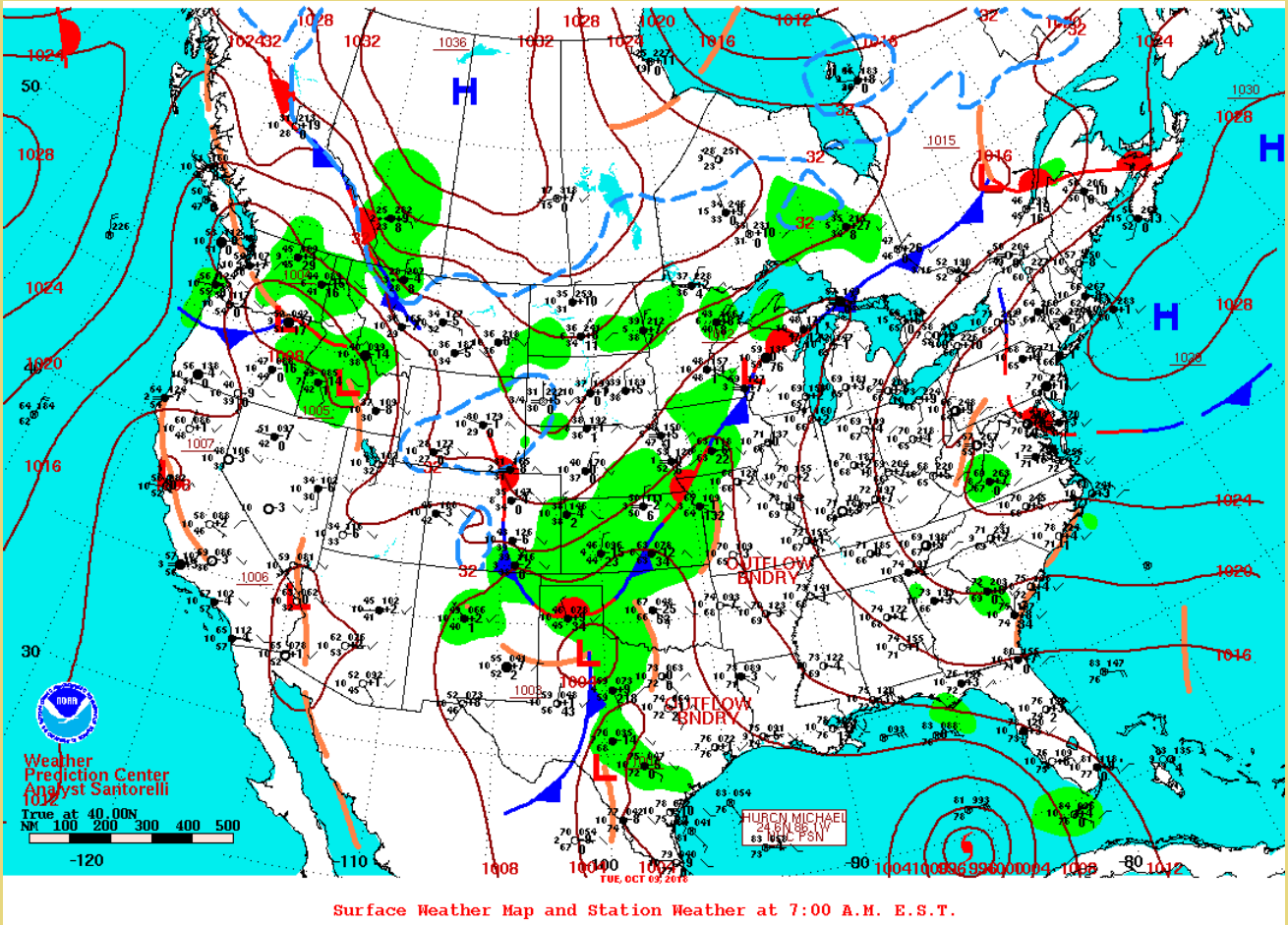
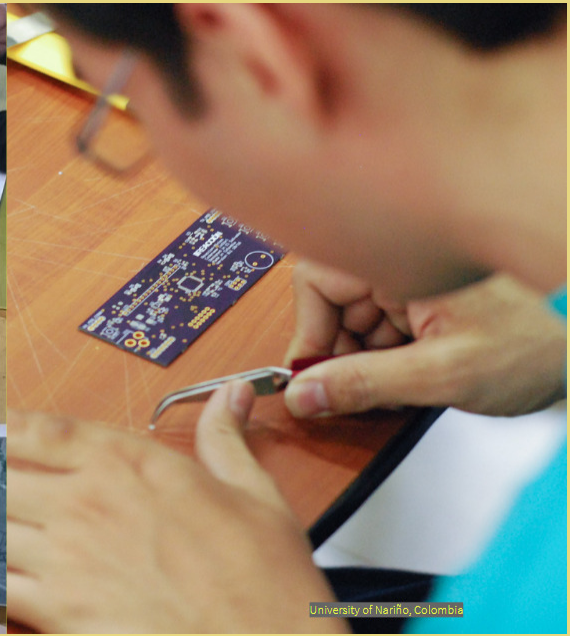
Climate data for Volos													
\	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Average high °C (°F)	11,1 52,0	12,3 54,1	14,3 57,7	18,8 65,8	24,0 75,2	29,0 84,2	31,0 87,8	30,7 87,3	27,0 80,6	21,6 70,9	16,8 62,2	12,6 54,7	20,8 69,4
Daily mean °C (°F)	6,6 43,9	7,6 45,7	9,9 49,8	14,1 57,4	19,5 67,1	24,5 76,1	26,8 80,2	26,1 79,0	22,2 72,0	16,9 62,4	12,1 53,8	8,2 46,8	16,2 61,2
Average low °C (°F)	2,8 37,0	3,4 38,1	4,8 40,6	7,7 45,9	12,1 53,8	16,3 61,3	18,6 65,5	18,5 65,3	15,7 60,3	12,1 53,8	8,2 46,8	4,5 40,1	10,4 50,7
Precipitation mm (inches)	49,0 1,9	46,9 1,8	53,3 2,1	35,8 1,4	36,8 1,4	22,1 0,9	17,4 0,7	15,9 0,6	35,6 1,4	63,1 2,5	63,6 2,5	60,5 2,4	500,0 19,7
Avg. precipitation days	12,3	10,2	8,1	6,5	4,6	3,6	2,0	2,2	3,6	7,3	8,4	11,4	80,2
% humidity	74,8	73,3	73,2	68,7	63,5	53,7	50,7	52,8	60,0	68,8	74,9	76,0	65,9

Volos climate, by Greek National Weather Service (Public Domain).



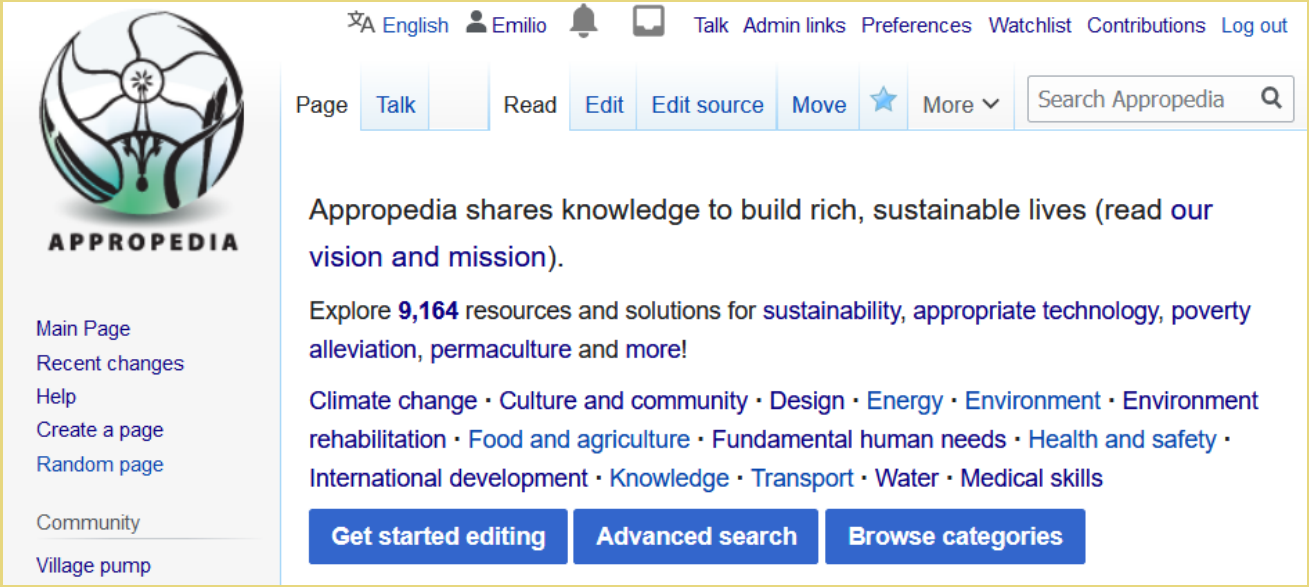
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

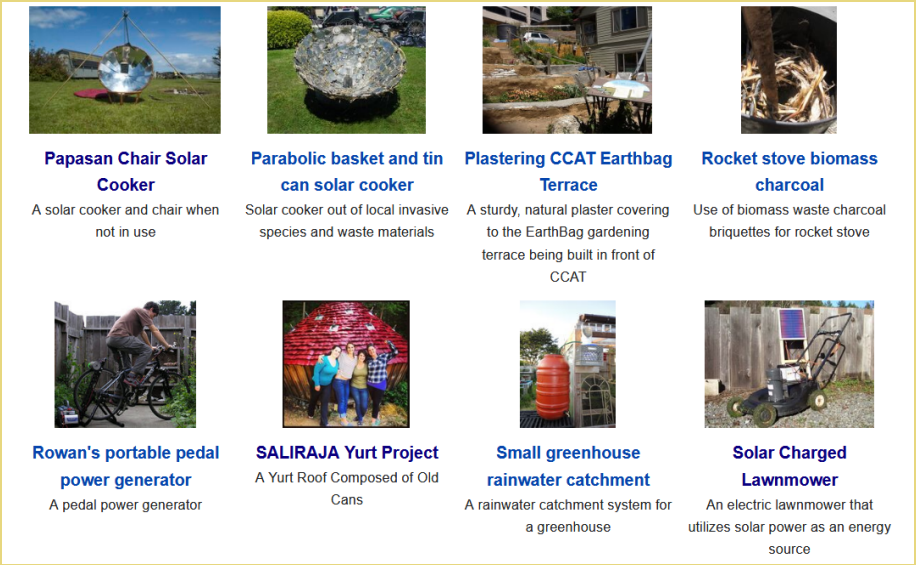

University of Nariño, Colombia

Why is it hard to connect them?

- Collaborations are centralized (one-way)
  - Only experts included
  - Similar areas of knowledge
- Knowledge, skills, tools are specialized

Appropedia


English
Emilio
Talk
Admin links
Preferences
Watchlist
Contributions
Log out
APPROPEDIA
Page
Talk
Read
Edit
Edit source
Move
More
Search Appropedia
Appropedia shares knowledge to build rich, sustainable lives (read our vision and mission).
Explore 9,164 resources and solutions for sustainability, appropriate technology, poverty alleviation, permaculture and more!
Climate change · Culture and community · Design · Energy · Environment · Environment rehabilitation · Food and agriculture · Fundamental human needs · Health and safety · International development · Knowledge · Transport · Water · Medical skills
Get started editing
Advanced search
Browse categories
Main Page
Recent changes
Help
Create a page
Random page
Community
Village pump



(a) decentralization of conception and execution of problems and solutions,

(b) harnessing diverse motivations, and

(c) separation of governance and management from property and contract.

Benkler, Y. (2016). Peer production and cooperation. In Handbook on the Economics of the Internet. Edward Elgar Publishing.

Reach

- Content pages: ~65k
- Yearly views: >1M
- Total edits: >400k
- Number of solutions: >1k
- Hosted files: >34k
- Peer-reviewed citations: 850+

WetLand water meter

WetLand Engr215 Student Projects

Water Meter - Energy Monitor - Pyramidal Water Desalinator - Aquaponic System - Edible Railing - Spiral Rainwater Catchment

The Water Meter is a water quality meter designed by the Humboldt State University Engineering 215 - Intro to Design class and implemented on the WetLand mobile habitat.

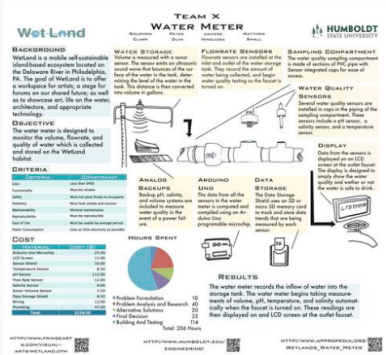
Background [edit | edit source]

WetLand is a mobile self-sustainable island-based ecosystem started in summer of 2014 on a barge located on the Delaware River in Philadelphia, PA. The goal of WetLand is to offer a workspace for artists; a stage for forums on our shared future; and to combine art, life on the water, architecture, and environmental technologies.

Objective [edit | edit source]

The water meter is designed to monitor the volume, flow, and quality of water which is collected and stored on the WetLand habitat. Water on the WetLands habitat is collected through desalination of water from the Delaware river and through rainwater catchment. This water is filtered for use onboard, but requires monitoring to insure its quality for use.

About this device

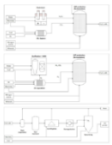


Team X's poster.

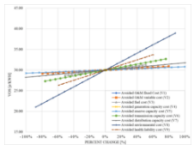
Made?	Yes
Designed in	United States
SDGs	SDG06 Clean water and sanitation

2021 Completed Projects & Publications [edit | edit source]

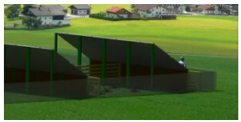
3-D printed magnetic soft magnetic helical coil actuators of iron oxide embedded polydimethylsiloxane



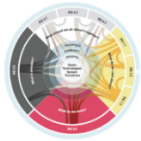
Potential of microbial protein from hydrogen for preventing mass starvation in catastrophic scenarios



A review of the value of solar methodology with a case study of the U.S. VOS

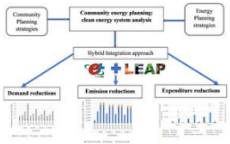


Conceptual Design and Rationale for a New Agrivoltaics Concept: Pastured-Raised Rabbits and Solar Farming

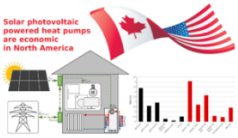


Applying a Relationally and Socially Embedded Decision Framework to Solar Photovoltaic Adoption: A Conceptual Exploration

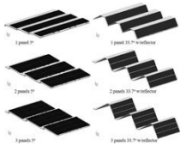
Electric Vehicle Charging Potential from Retail Parking Lot Solar Photovoltaic Awnings



Low emissions analysis platform model for renewable energy: Community-scale case studies in Nigeria



Economics of Grid-Tied Solar Photovoltaic Systems Coupled to Heat Pumps: The Case of Northern Climates of the U.S. and Canada



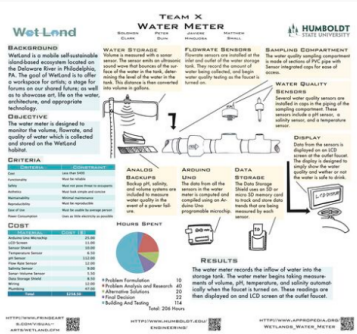
Geographic potential of shotcrete photovoltaic racking: Direct and low-concentration cases

Optoelectronic Properties: Carrier Transport, Recombination, and Stability

Connecting data with real-world scenarios

Standardizing and making projects discoverable

About this device



Team X's poster.

Uses	water, monitoring, meter, water monitoring
Made?	Yes
Designed in	United States, Humboldt, United States
Affiliations	Humboldt State University
SDGs	SDG06 Clean water and sanitation
License data	
Hardware	CC BY-SA 4.0
Software	CC BY-SA 4.0
Documentation	CC BY-SA 4.0

Usage

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{{Infobox device
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| caption               =
| language-code         =
| keywords              =
| uses                  =
| variant-of            =
| authors               =
| status                =
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| date-completed        =
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| replicated-in         =
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| cost                  =
| cost-currency         =
| sdg                   =
| translation-of        =
| translators           =
| license-hardware      =
| license-documentation =
| license-software      =
| licensor              =
```

Type Device

Keywords Start typing to search

Sustainable Development Goal SDG06 Clean water and sanitation

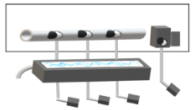
Made? (•) Any ( ) Yes ( ) No

Status

Search

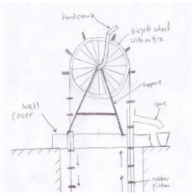
55 gallon drum solar water still

Adapted thermostatic valve for water pasteurization

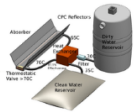


Ameyali

Compound parabolic concentrators



Depth-adjustable Rope Pump



Design Optimization of Polymer Heat Exchanger for Automated Household-Scale Solar Water Pasteurizer

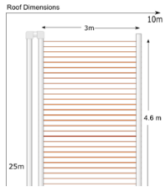
Design of a low-cost household water treatment system

Dew collection roof retrofit

Flowmeter

Hand Washing Station

Hanging Garden that Minimizes Water Use



Hotel Perote solar pool heating system

Guiding documentation procedures

Preload:Vigyan Ashram Hardware

This page is part of a compendium of projects ported from the knowledge base of Vigyan Ashram. Please leave comments using the talk page. It is currently **not** open edit.

This paragraph will appear in search results and previews for this page. Write a brief introductory text with information such as a description of your project, when was it designed and built, your motivation to solve the problem, the intended users. This will explain your project to someone who has never heard of it before.

Contents [hide]

About this device

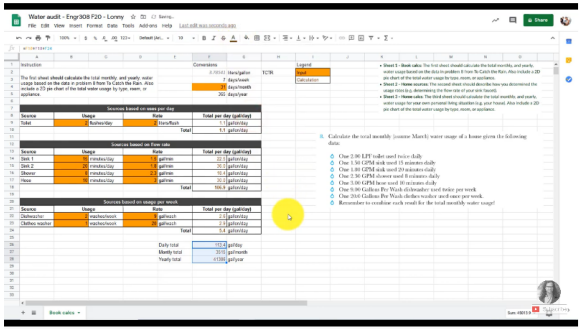
UV-based filter

Keywords	water, filter
Uses	solar, filter, water
Authors	Priyanka Gharat
Status	Prototype

https://www.appropedia.org/Vigyan_Ashram

Skill training

How to do a water audit spreadsheet



Google sheets: How to make a water audit spreadsheet

This is a longer video for beginners to google sheets and/or water audits. It takes data from a problem in the book To Catch the Rain and turns it into a spreadsheet.

By Lonny Grafman

2020-09-11

Arcata, California

Annotations

00:24 Start a new spreadsheet
00:49 Calculate the water usage
01:50 Setting up the instructions
02:53 Set up conversion rate

About this skill

Keywords	measurement, water, audit
Required hours	3