A 2013 art installation at Edge Hill University near Liverpool, England, by Robyn Woolston

Digital DNA

Image: "A "creuseur" descends into a tunnel at the mine in Kawama. The tunnels are dug with hand tools and burrow deep underground.... This remote landscape in southern Africa lies at the heart of the world's mad scramble for cheap cobalt, a mineral essential to the rechargeable lithium-ion batteries that power smartphones, laptops and electric vehicles made by companies such as Apple, Samsung and major automakers." Michael Robinson Chavez for The Washington Post. Online: https://www.washingtonpost.com/graphics/business/batteries/congo-cobalt-mining-for-lithium-ion-battery/?tid=batteriesseries, September 30, 2016.

Image: "A rock extracted in Numbi, in Congo's South Kivu province.... The electronics industry is one of the main destinations for these minerals, which include tourmaline, cassiterite and coltan." Michael Christopher Brown for Time Magazine,. Online: http://time.com/3790801/an-iphone-in-congo-photos-by-michael-christopher-brown/, August 16, 2012.

Image: "A worker at the Jin Yang graphite factory in Mashan, in China's northeastern Heilongjiang province." Graphite is needed to make the lithium-ion batteries that power our technologies Michael Robinson Chavez for The Washington Post. Online: https://www.washingtonpost.com/graphics/business/batteries/graphite-mining-pollution-in-china/, October 2, 2016.

Digital Materiality

Images: Google Data Center in Lenoir, NC; Wires at an Internet Exchange Center; Screenshot of Image Search results, searching "e-waste," using ecosia.org search engine, 10/03/2016.

Digital Metabolism

Digital metabolism is a concept of co-living, of overlapping and interlocking systems.

WHY ECO DH?

#DataRefuge

Building refuge for federal climate & environmental data

DataRefuge helps to build refuge for federal data and supports climate and environmental research and advocacy. We are committed to fact-based arguments. DataRefuge preserves the facts we need at a time of ongoing climate change.
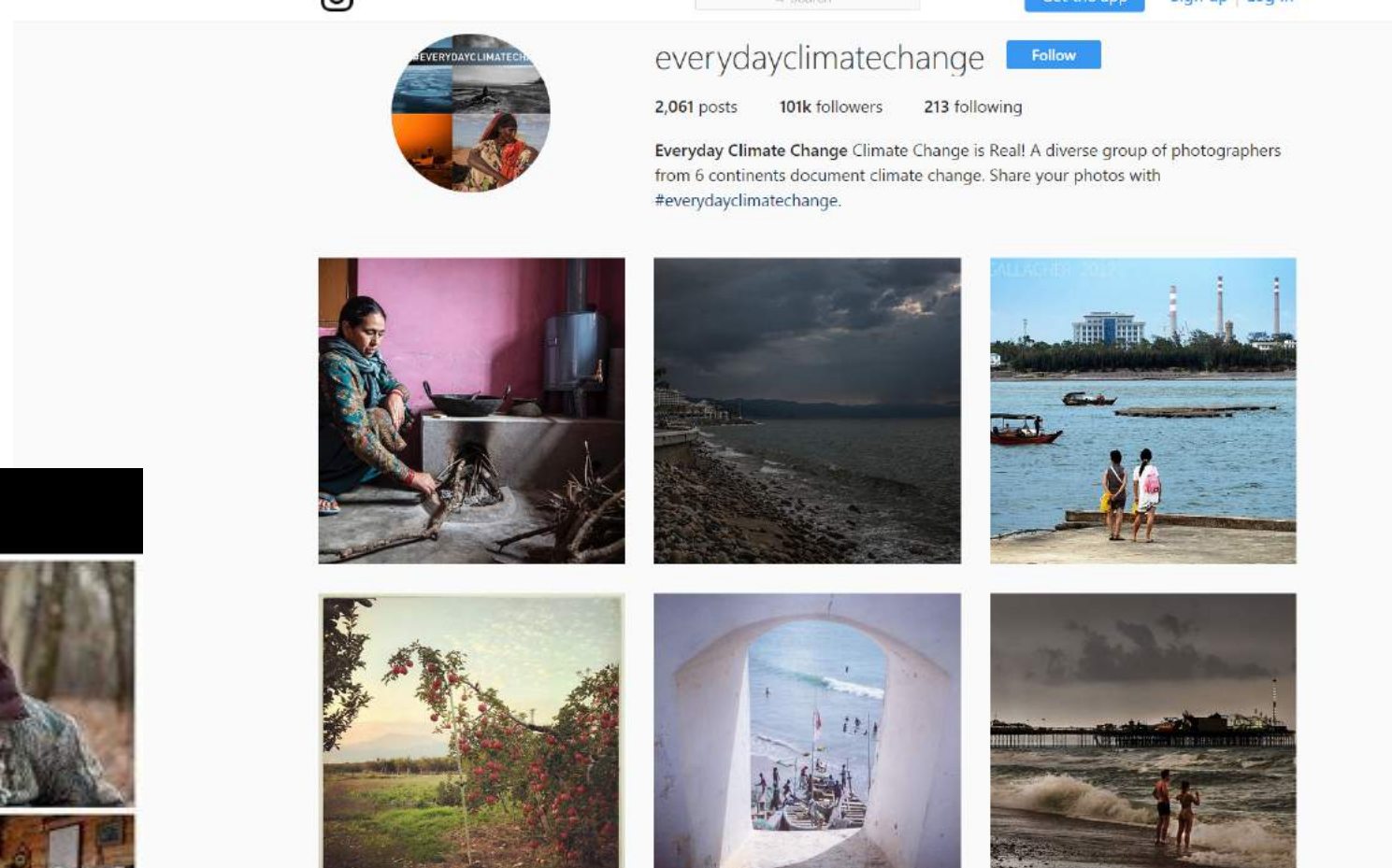
This site is one part of the project. The vast majority of the government information gathered through this project is available from the Internet Archive through the End of Term project. This data catalog is a place to store data that is difficult or impossible to harvest through web crawlers. Data was added to this site by volunteers at Data Rescue events. You can see the workflow used at many of these events on the Data Refuge project site, however this workflow is no longer supported.

Text and Image from datarefuge.org

Climate Stories

CLIMATE STORIES NC

everydayclimatechange

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✖ We're trying to hear our futures, and we need your help

Sam and Chronofacts

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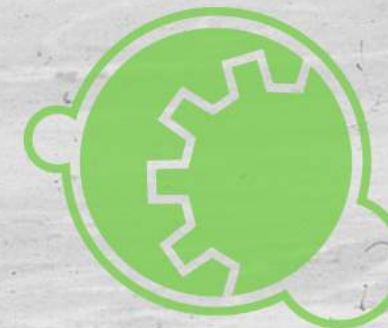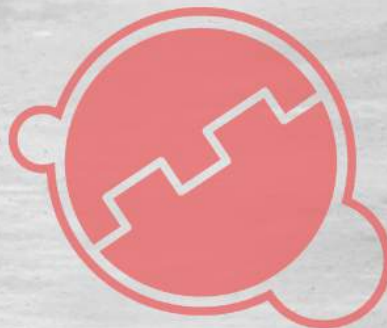
Back to the Neighborhood

2055 Another Die-off

2025 New Life in Uncertain Times

2039 Housebot Mary Is Calling

2049

2020 2020 2025 2030 2035 2040 2045 2050 2055 2060 2065 2065

Futurecoast.org
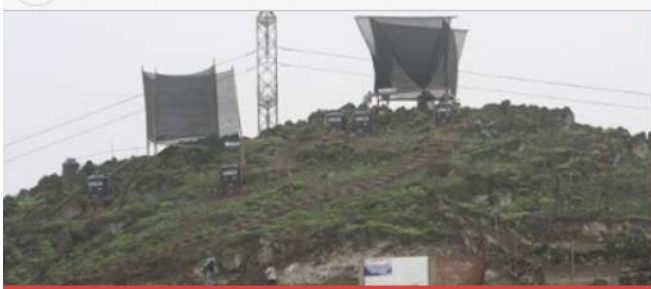
Fog Catchers: Lima, Peru

name

Fog Catchers: Lima, Peru

description

Poor neighborhoods outside Lima receive less than 1 cm of rainfall per year but are blanketed in fog. A grassroots organization has been working to "catch" the fog through large mesh nets that cause water to cling to the nets and condense, producing 400,000 L of fresh water per day. http://www.waterworld.com/articles/wwi/print/volume-30/issue-3/regional-spotlight-latin-america/peru-capturing-oceans-in-the-sky.html (BF)

Details from Google Maps

Villa María del Triunfo, Peru

View in Google Maps

10 photos

Created with my students in my Global Ecological Humanities Course

Welcome to the Technosphere?

Image source: www.nextnature.net

ECOCRITICAL DIGITAL HUMANITIES

#DATAREFUGE

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POSTCARDS FROM CLIMATE CHANGE

CARL SACK'S #NODAPL MAP

ENVIRONMENTAL VR & AR

@SHARK_GIRLS

CITIZEN SENSE

SOIL SELFIES

FUTURECOAST

OUTDOOR ECOMEDIA CHALLENGE

TWITTER ACTIVISM

ONLINE GLOBAL ECO SOLUTIONS MAP

REDUCE YOUR DIGITAL FOOTPRINT POSTER (STUDENT PROJECT)

LOW-CARBON BROWSER EXTENSION (STUDENT PROJECT)

STOP-ANIMATION CLIMATE JUSTICE VIDEO (STUDENT PROJECT)