



WORLD
RESOURCES
INSTITUTE

HOW NEW DATA APPROACHES CAN HELP FIND THE SIGNALS IN THE NOISE

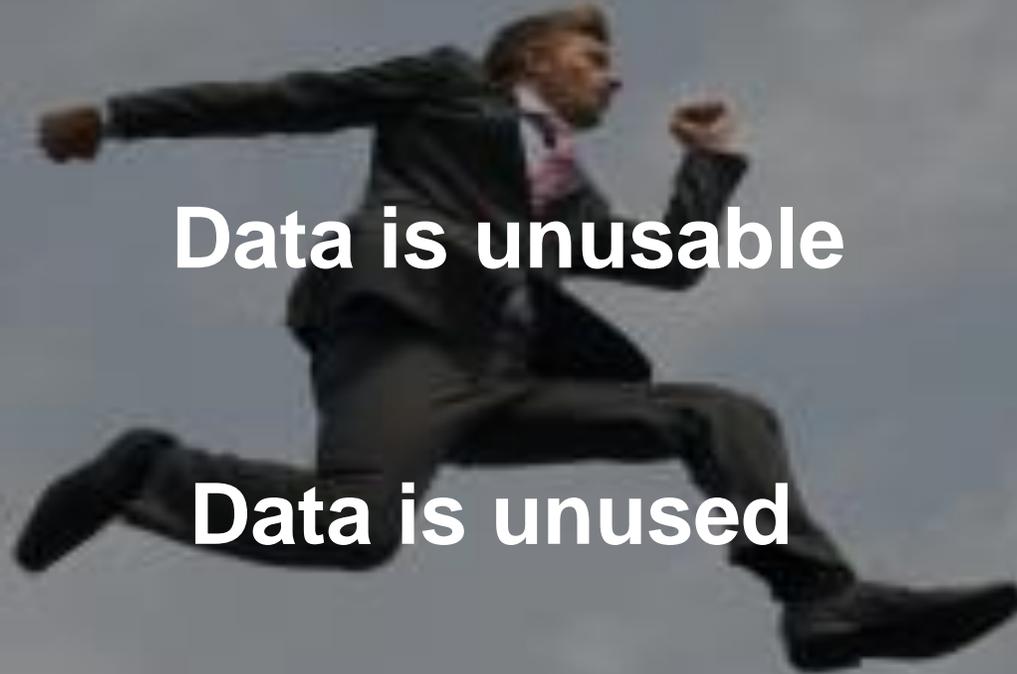
JANET RANGANATHAN, VICE PRESIDENT, SCIENCE & RESEARCH

A BIG GAP EXISTS BETWEEN DATA SUPPLY & USE

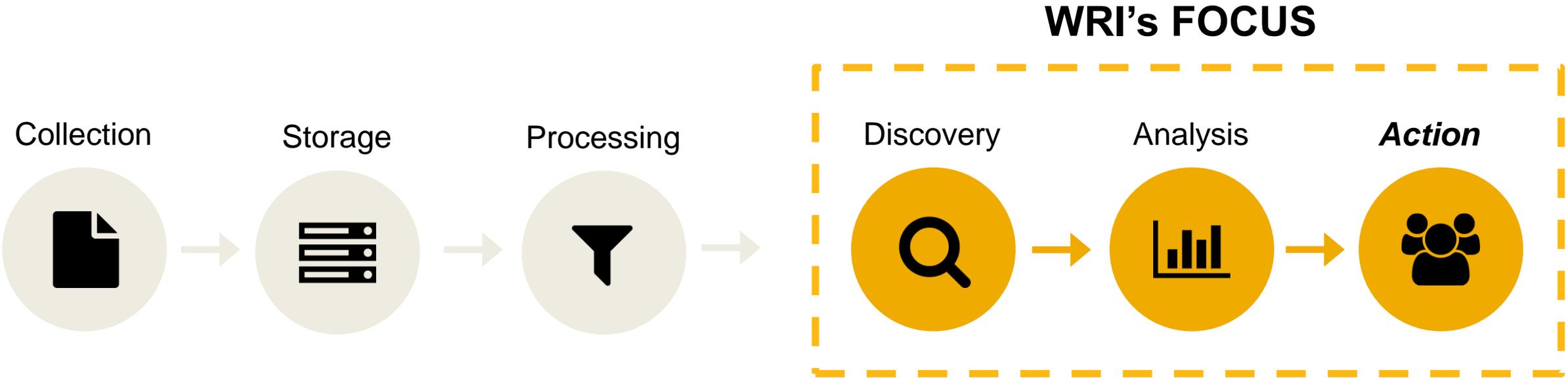
Data is unavailable

Data is unusable

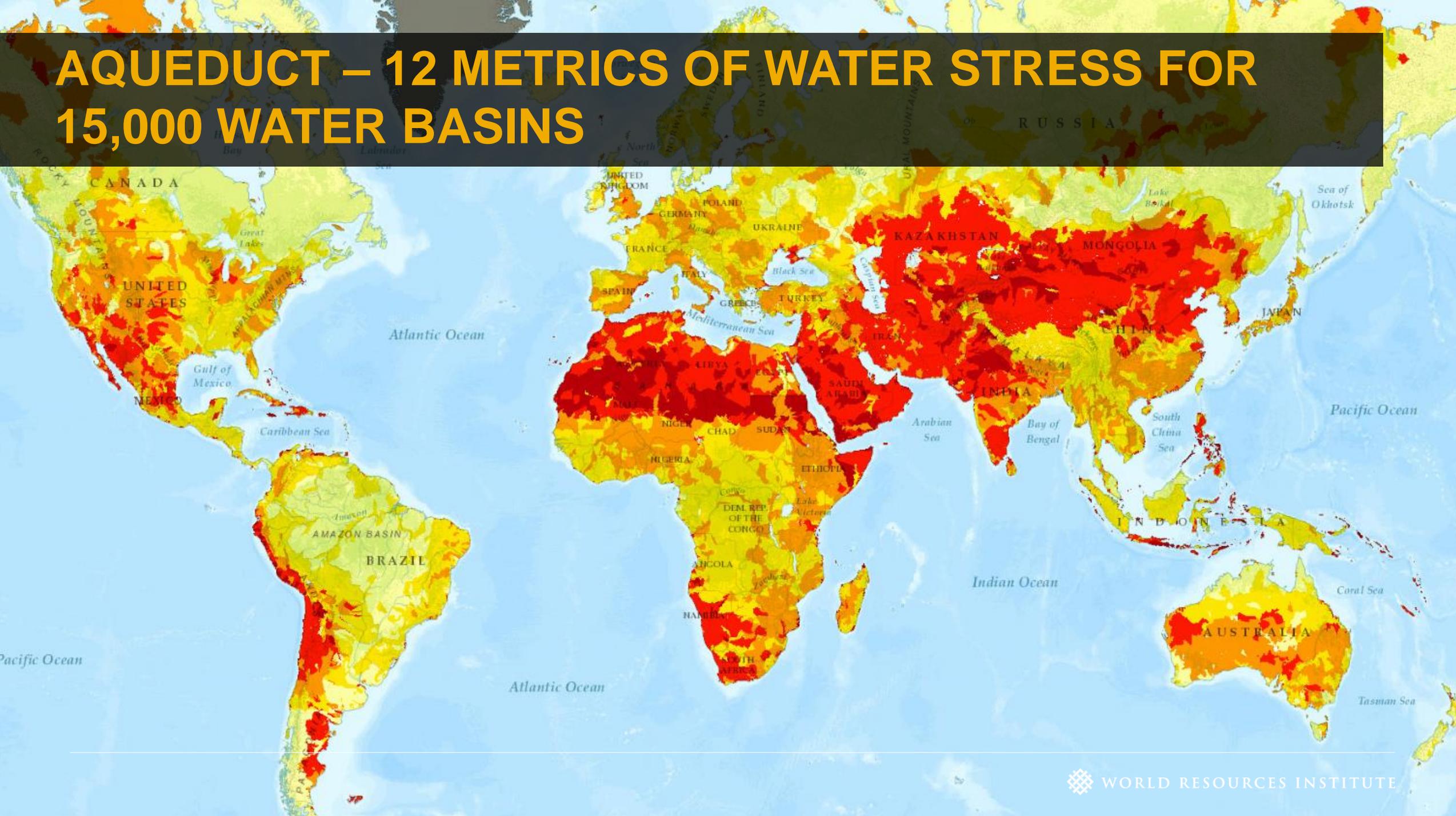
Data is unused



MAKING DATA ACTIONABLE IS A TEAM SPORT!



AQUEDUCT – 12 METRICS OF WATER STRESS FOR 15,000 WATER BASINS



GLOBAL FOREST WATCH

GLOBAL
FOREST
WATCH

HOME

COUNTRIES

STORIES

MAP

BLOG

DATA

ABOUT

ENGLISH



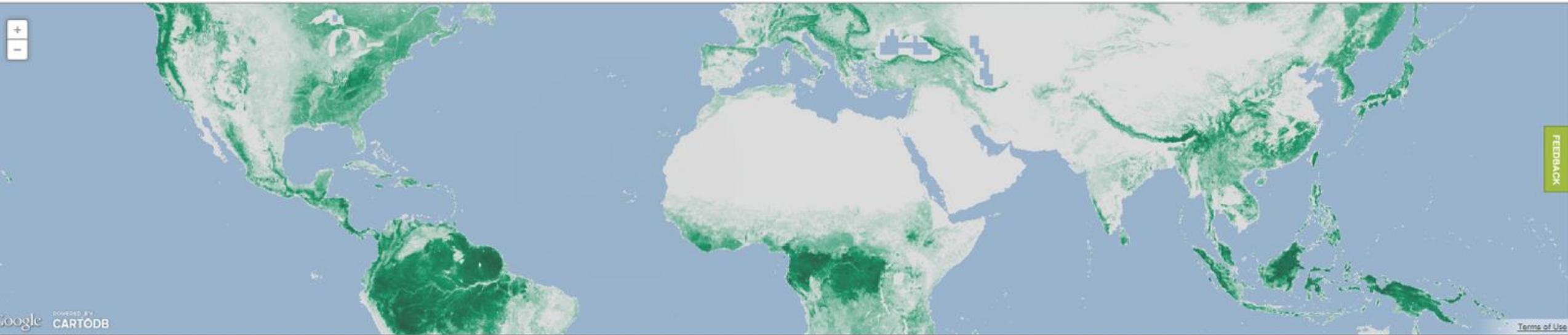
Find out what is happening
in forests right now

44,479

ALERTS IN THE PAST
YEAR

3

NEW FOREST
STORIES



Join the community

Subscribe to the Global Forest Watch discussion group to stay up to date with the latest news on forest clearing.



Analysis tool

Perform forest clearing analysis on the fly and get your answers in real time using our latest data



Stay updated

Subscribe to forest clearing alerts and receive frequent updates on your selected countries

CLIMATE WATCH: NATIONAL NDC-SDG INTERLINKAGES

CLIMATEWATCH COUNTRIES SECTORS NDCs GHG EMISSIONS ABOUT MY CW

NDC-SDG Linkages

Identify potential alignment between the targets, actions, policies measures and needs in countries' Nationally Determined Contributions (NDCs) and the targets of the Sustainable Development Goals (SDGs).

e.g. "Brazil", "energy", "deforestation targets"

12 Responsible consumption and production X

12.1 Implement the 10-year framework of programmes on sustainable consumption and production, all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries

12.2 By 2030, achieve the sustainable management and efficient use of natural resources

12.3 By 2030, halve per capita global food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses

12.4 By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment

12.5 By 2030, substantially reduce waste generation through prevention, reduction,

● Target linked
● Not linked

A group of people are standing on a hillside, looking out over a vast, hilly landscape. One person in the foreground is operating a drone using a remote control with a screen. The drone is flying in the sky above. The people are wearing hats and some are wearing vests. The text "WHAT'S NEXT?" is overlaid in large yellow letters across the middle of the image.

WHAT'S NEXT?

MONITOREO EN TIEMPO REAL

GLOBAL
FOREST
WATCH

www.globalforestwatch.org



Sneak Peek

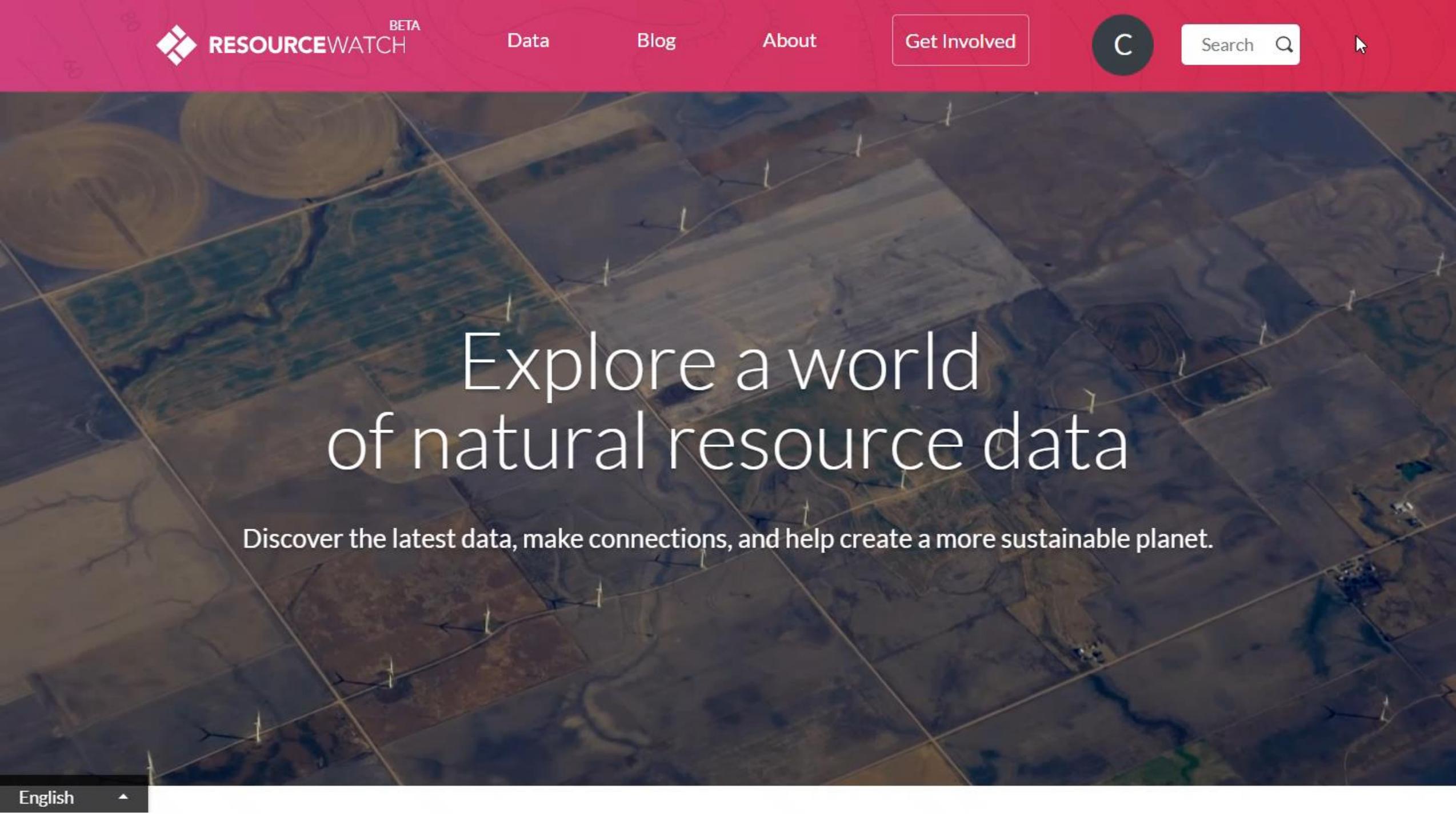


RESOURCEWATCH

Let's tune in to our
planet's signals together

ResourceWatch.org





Explore a world of natural resource data

Discover the latest data, make connections, and help create a more sustainable planet.

Explore

Search dataset



Show

Explore Datasets

Dashboards

Planet Pulse

App Gallery

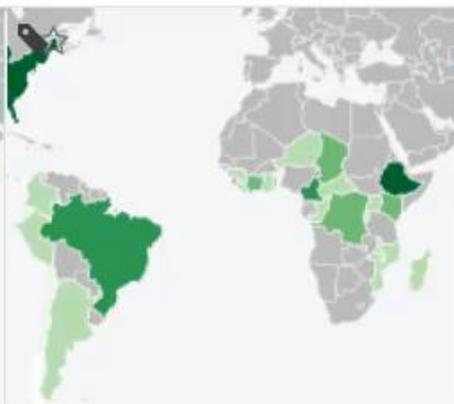
188 datasets

Last modified



Annual Surface Water Extent

Source: EC JRC



Bonn Challenge Restoration Commitment

Source: IUCN/ GPFLR



Average Snow Cover

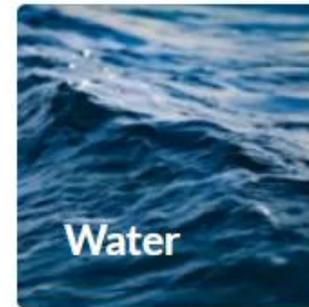
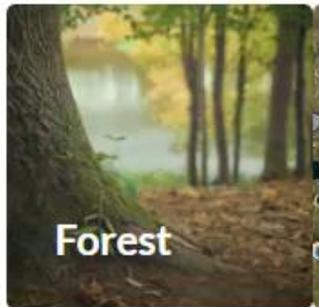
Source: NASA



 California Counties    

 Counties

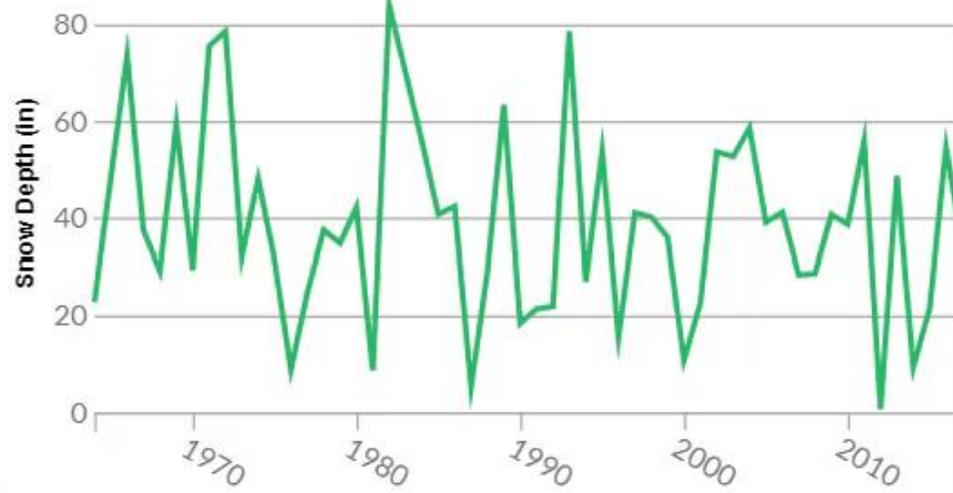
Dashboards



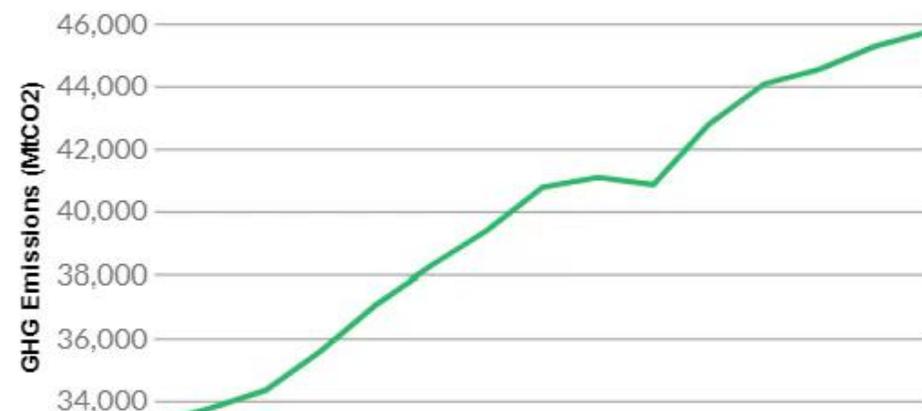
[< Dashboards](#)

Jerry's Dashboard

California Snow Pack (Phillips Station) 



Total Greenhouse Gas Emissions Excluding Land Use Change and Forestry (Metric Tons of CO2 Equivalent) 



FORESTS

WATER

FOOD

Explore Datasets

Dashboards

Planet Pulse

App Gallery

CLIMATE



[< Home](#)

Signals Blog

Explore the stories behind the data and submit your own.

Signal of the Week

Map: As wildfires burn, nearby air quality suffers in California

Sept 2, 2017

A factory is built in your neighborhood. Can you do anything about it?



by [World Resources Institute](#)

Resource Watch is open source so others can build on it & contribute to it



WHAT'S UNDER THE RESOURCE WATCH HOOD?



WRI "built on Resource Watch" apps



External "built on Resource Watch" apps



Surfacing where users are



Data Sources



CONCLUDING MESSAGES

1. Nearly everything is interlinked, but the links between our rapidly changing planet and human-well being are paramount
2. Data is too often trapped in institutional silos & the interlinkages missed
3. Data providers tend to focus on data collection, rather than its use
4. Successful SDG implementation requires integrating data across sources
5. Data revolution is helping to integrate & make data more actionable
6. Resource Watch is a free, open, collaborative, earth monitoring system. Users can combine, analyze, visualize, & share data from multiple sources & spatial/time scales, & build on its open architecture (**Coming April 11, 2018**)

A metal signpost stands against a clear blue sky. Two white directional signs with black borders are attached to the post. The sign on the left points left and contains the word 'QUESTIONS' in bold black capital letters. The sign on the right points right and contains the word 'ANSWERS' in bold black capital letters.

QUESTIONS

ANSWERS

Resource Watch Partners include:



Empowered lives.
Resilient nations.



United States
Global Change
Research Program



Descartes
Labs

Carnegie
Mellon
University



THE TILIA FUND



Ministry of Foreign Affairs of the
Netherlands



Data Guiding Principles

Open

Can be **freely used, re-used, and redistributed**

Relevant

Help answer questions to **address urgent, global challenges**

Quality

The most **timely, complete, accurate, and consistent** of its kind

Diverse

Cover a **diverse range of themes** for a wide range of audience

Balanced

Distribute **evenly across all themes** on Resource Watch

Agile

Incorporate continuous **iteration, feedback, and evolution**