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

JANET RANGANATHAN, VICE PRESIDENT, SCIENCE & RESEARCH

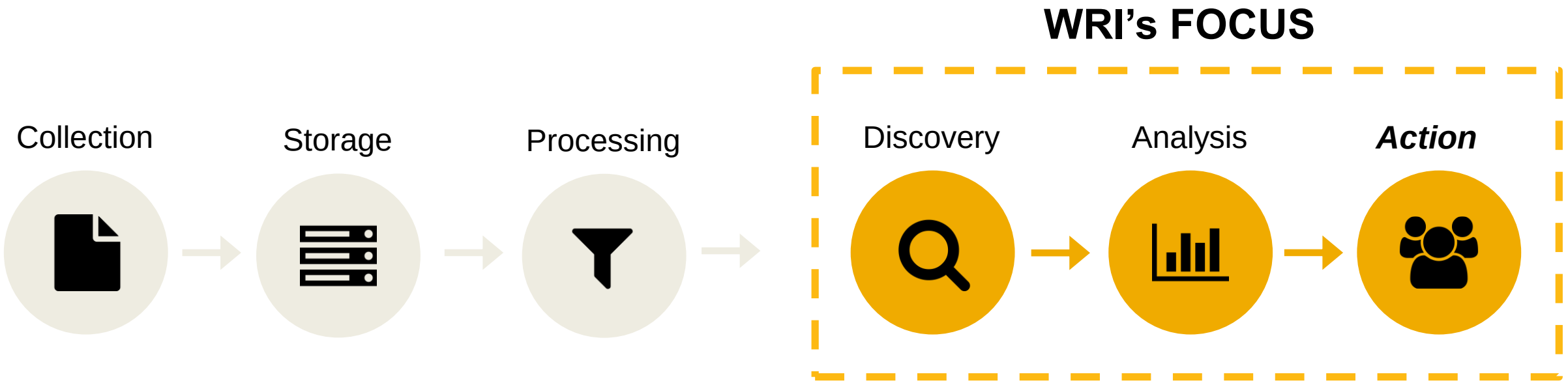
A BIG GAP EXISTS BETWEEN DATA SUPPLY & USE

Data is unavailable

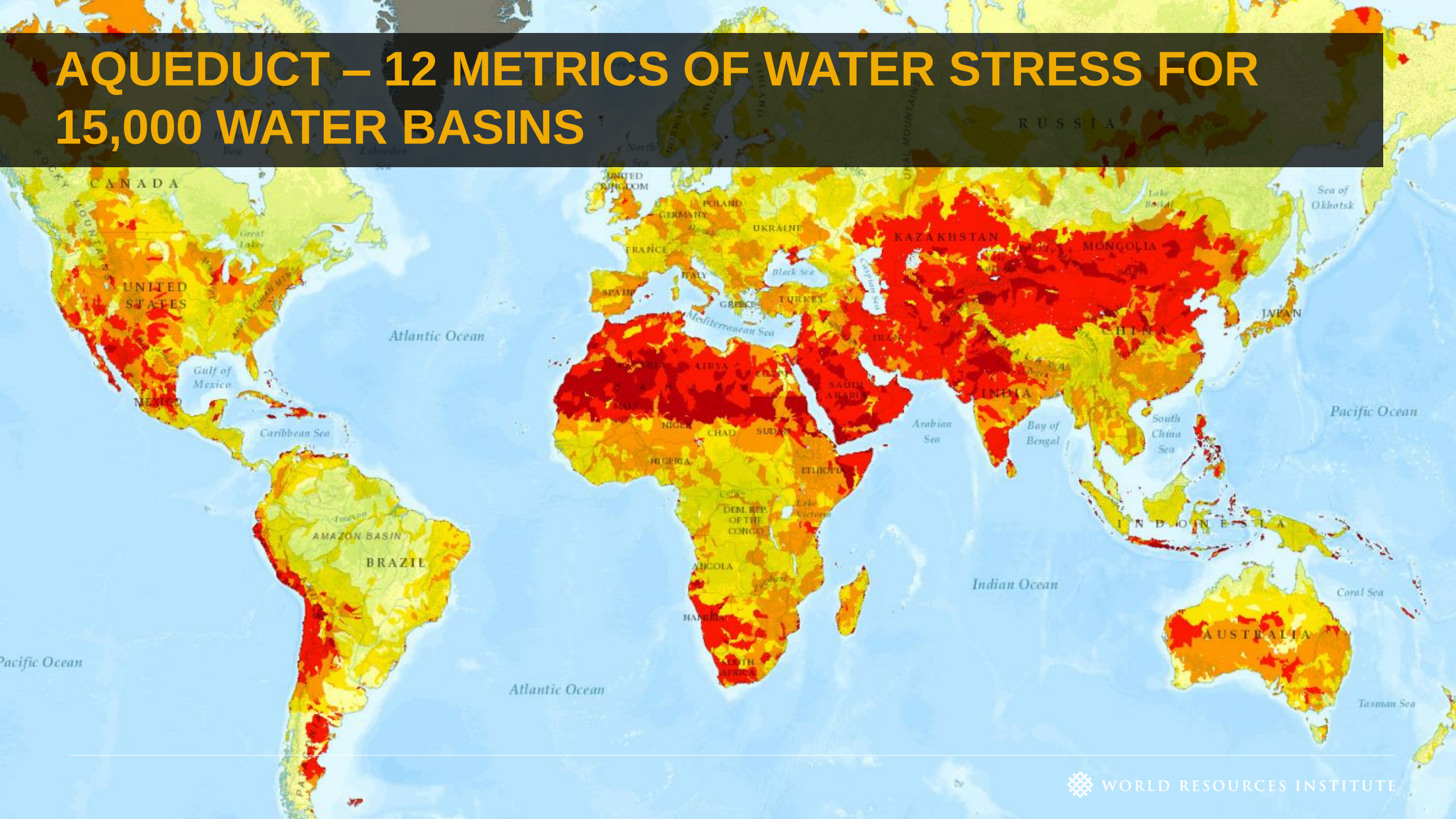
Data is unusable

Data is unused

MAKING DATA ACTIONABLE IS A TEAM SPORT!

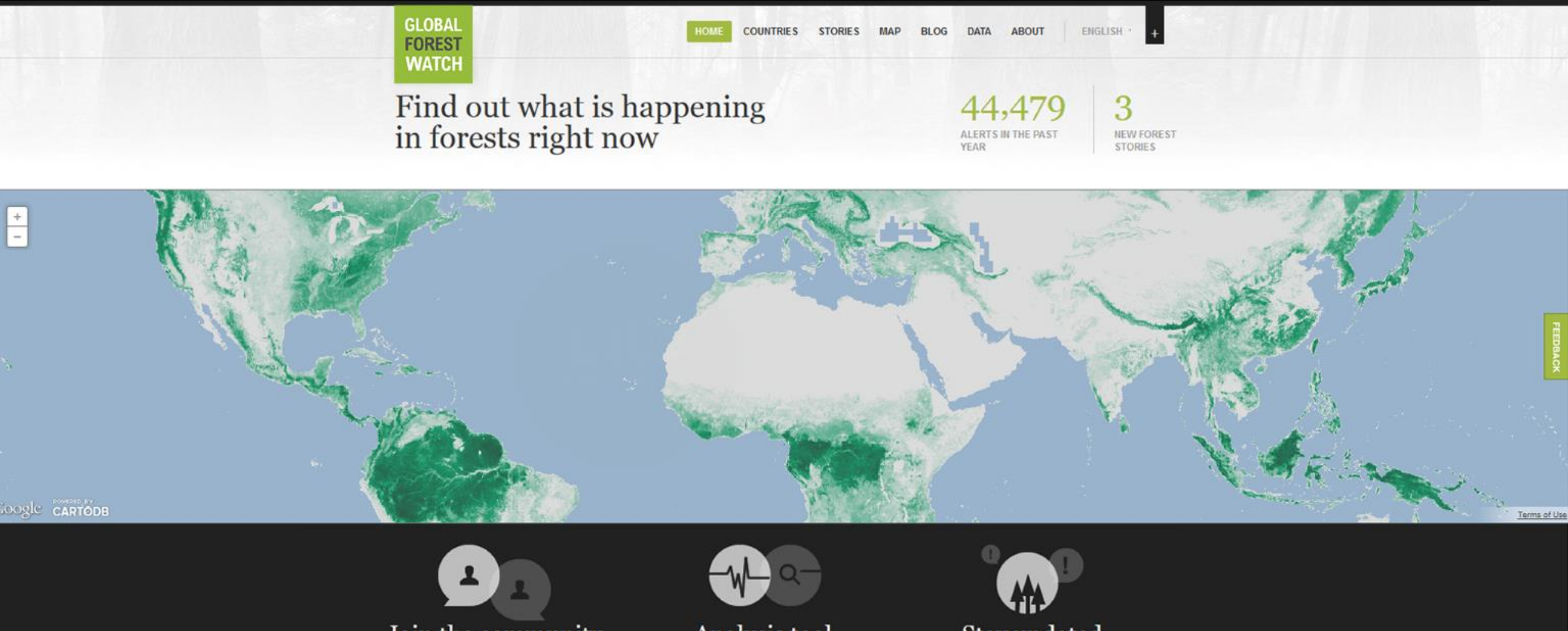


AQUEDUCT – 12 METRICS OF WATER STRESS FOR 15,000 WATER BASINS

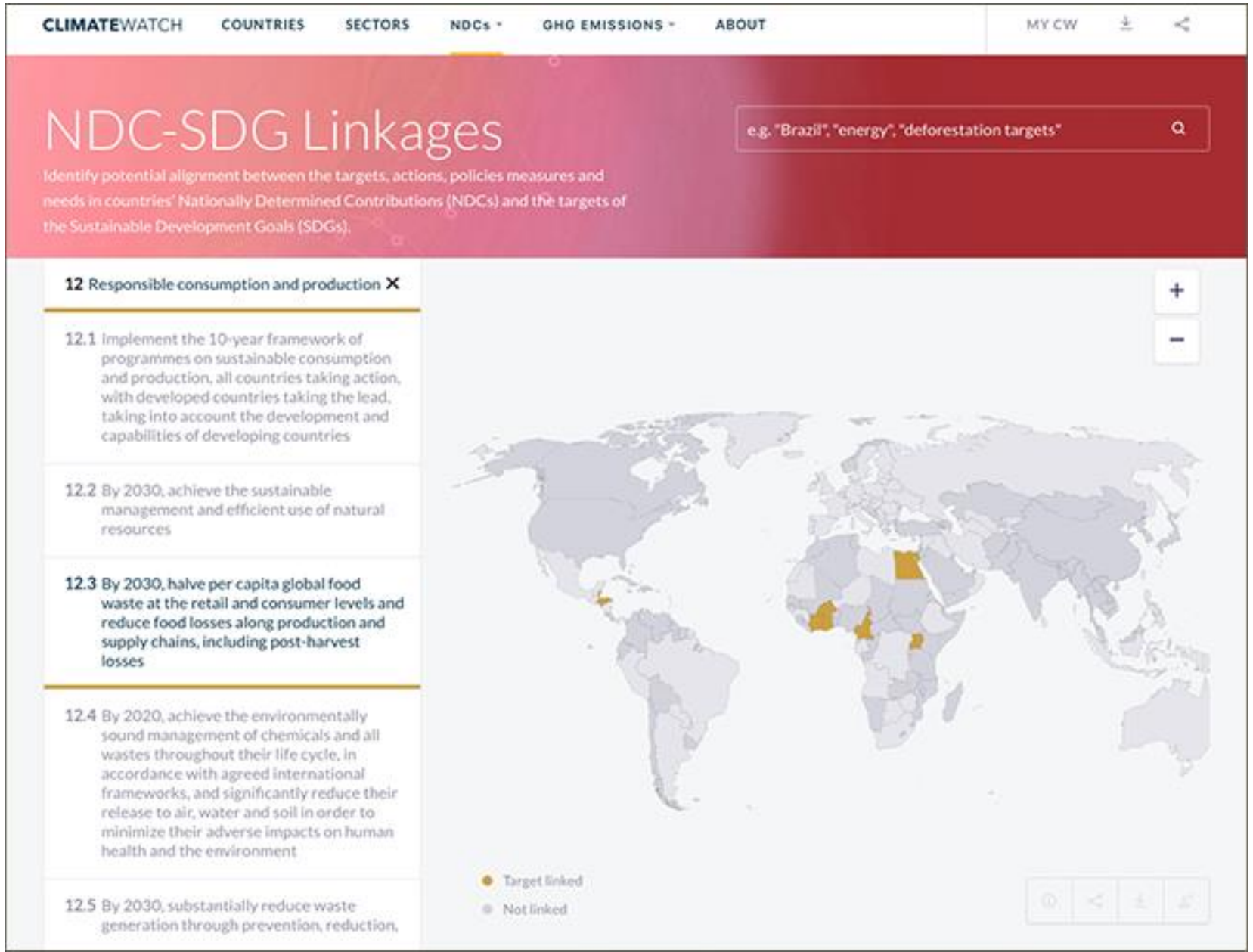


WORLD RESOURCES INSTITUTE

GLOBAL FOREST WATCH

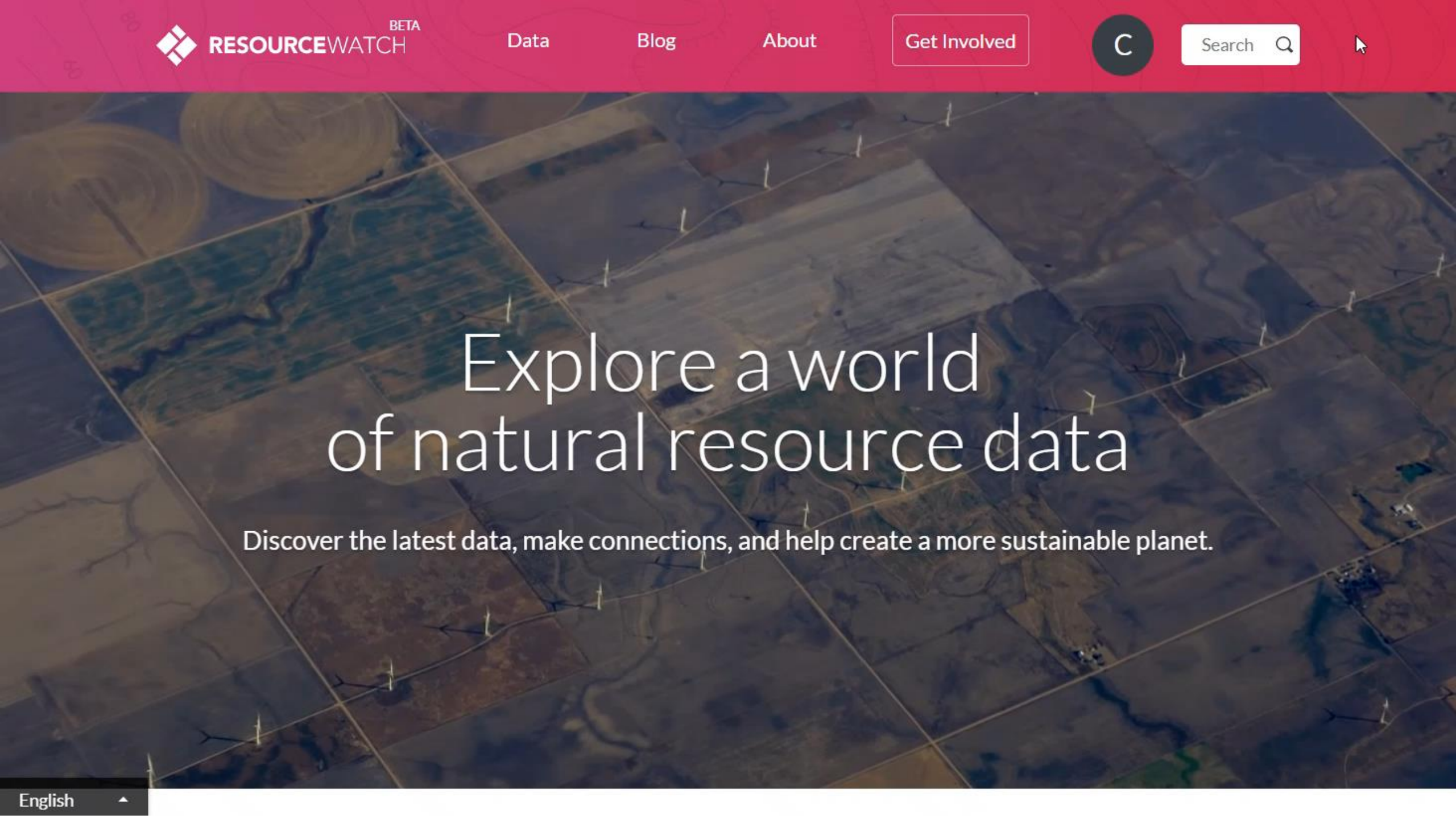


CLIMATE WATCH: NATIONAL NDC-SDG INTERLINKAGES



WHAT'S NEXT?

Sneak Peek
RESOURCEWATCH
Let's tune in to our planet's signals together
ResourceWatch.org


RESOURCEWATCH
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About
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C
Search
Explore a world
of natural resource data
Discover the latest data, make connections, and help create a more sustainable planet.
English

RESOURCEWATCH BETA

Data Blog About Get Involved

- Explore Datasets
- Dashboards
- Planet Pulse
- App Gallery

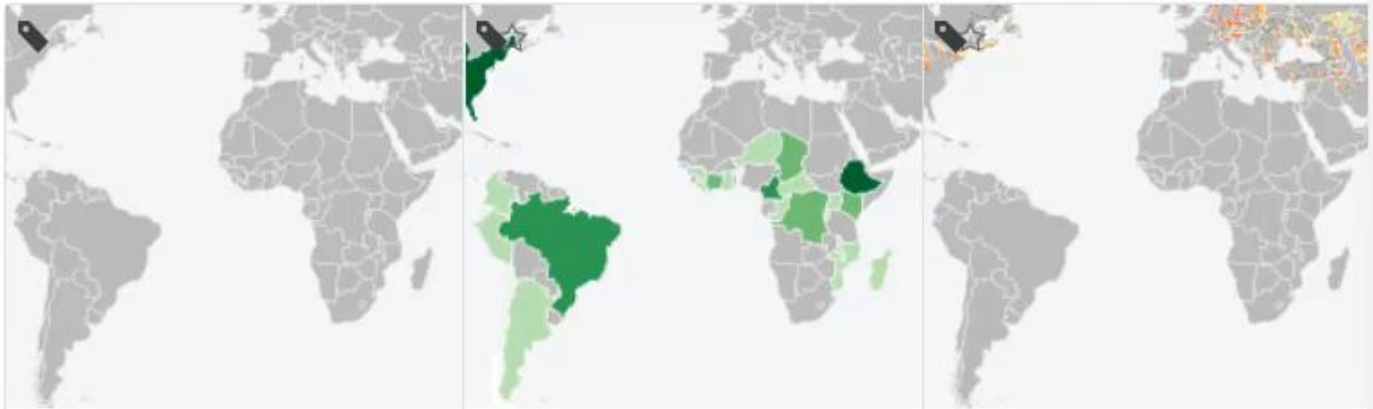
Explore

Search dataset

Show

188 datasets

Last modified



Annual Surface Water Extent

Source: EC JRC

Explore Add to map

Bonn Challenge Restoratio Commitment

Source: IUCN/ GPFLR

Explore Add to map

Average Snow Cover

Source: NASA

Explore Add to ma

English

California Counties

Counties

Leaflet | © OpenStreetMap, © Mapbox © OpenStreetMap

Dashboards

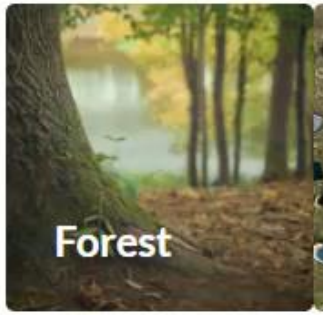
Biodiversity

Cities

Climate

Energy

Food


Forest

GIM
Dashboard

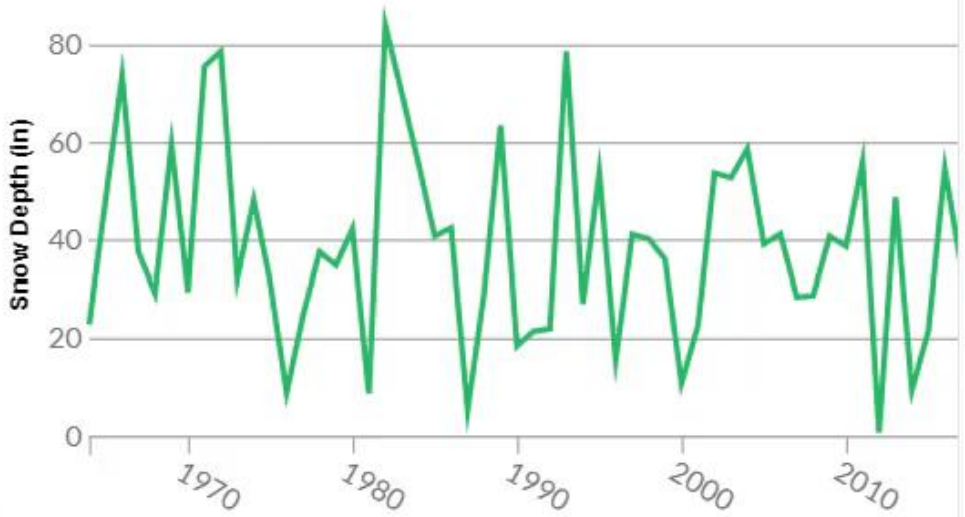
Governor
Brown's
Dashboard

Water

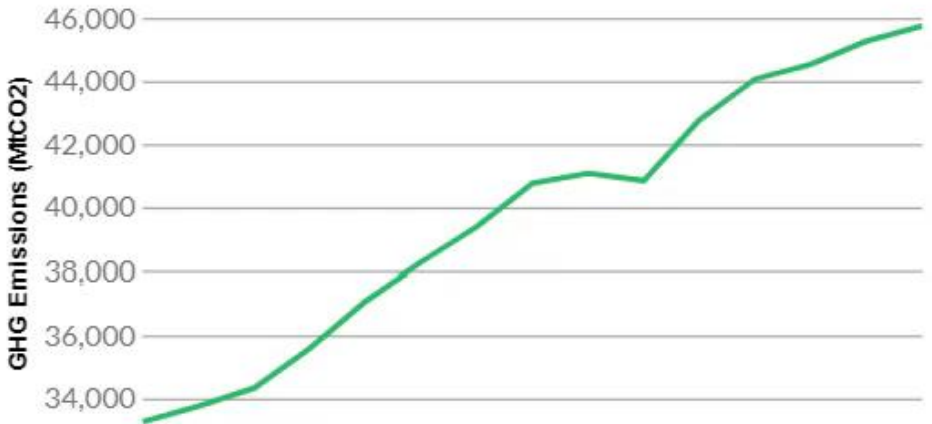
Dashboards

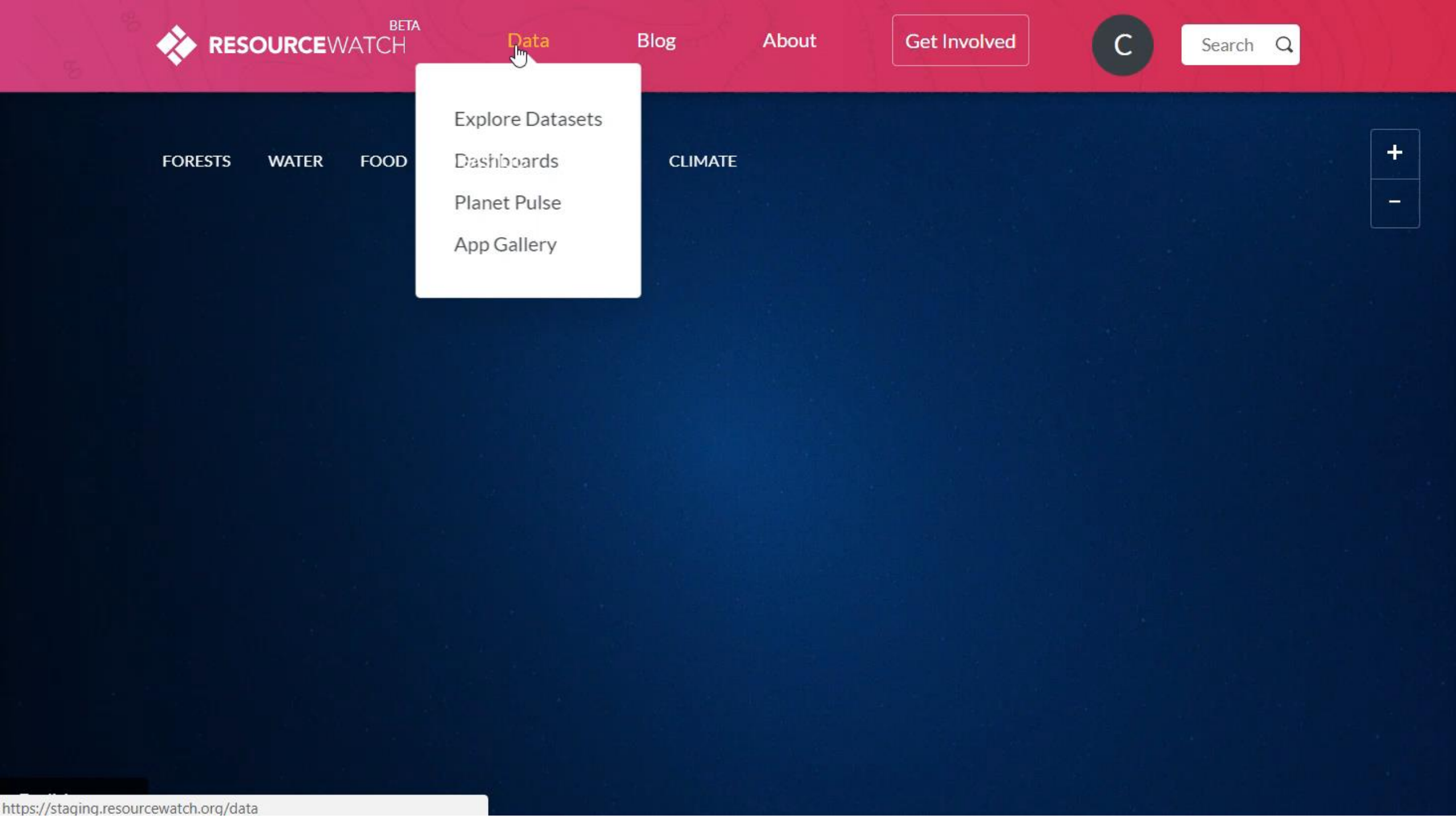
Jerry's Dashboard

California Snow Pack (Phillips Station)



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

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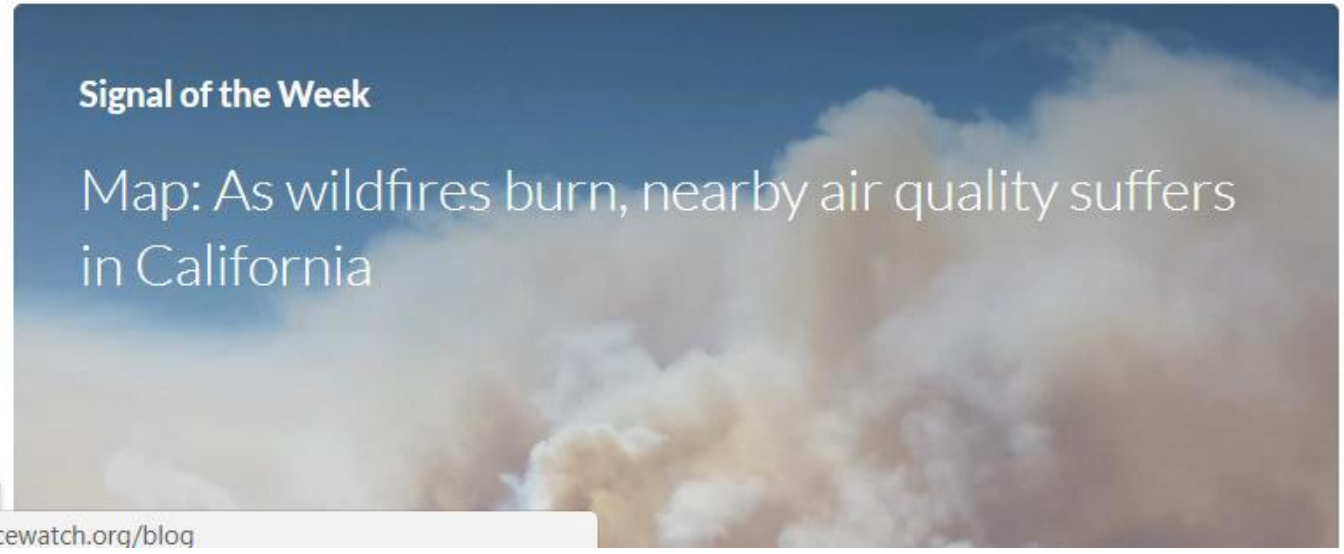
https://staging.resourcewatch.org/data

Home

Signals Blog

Explore the stories behind the data and submit your own.

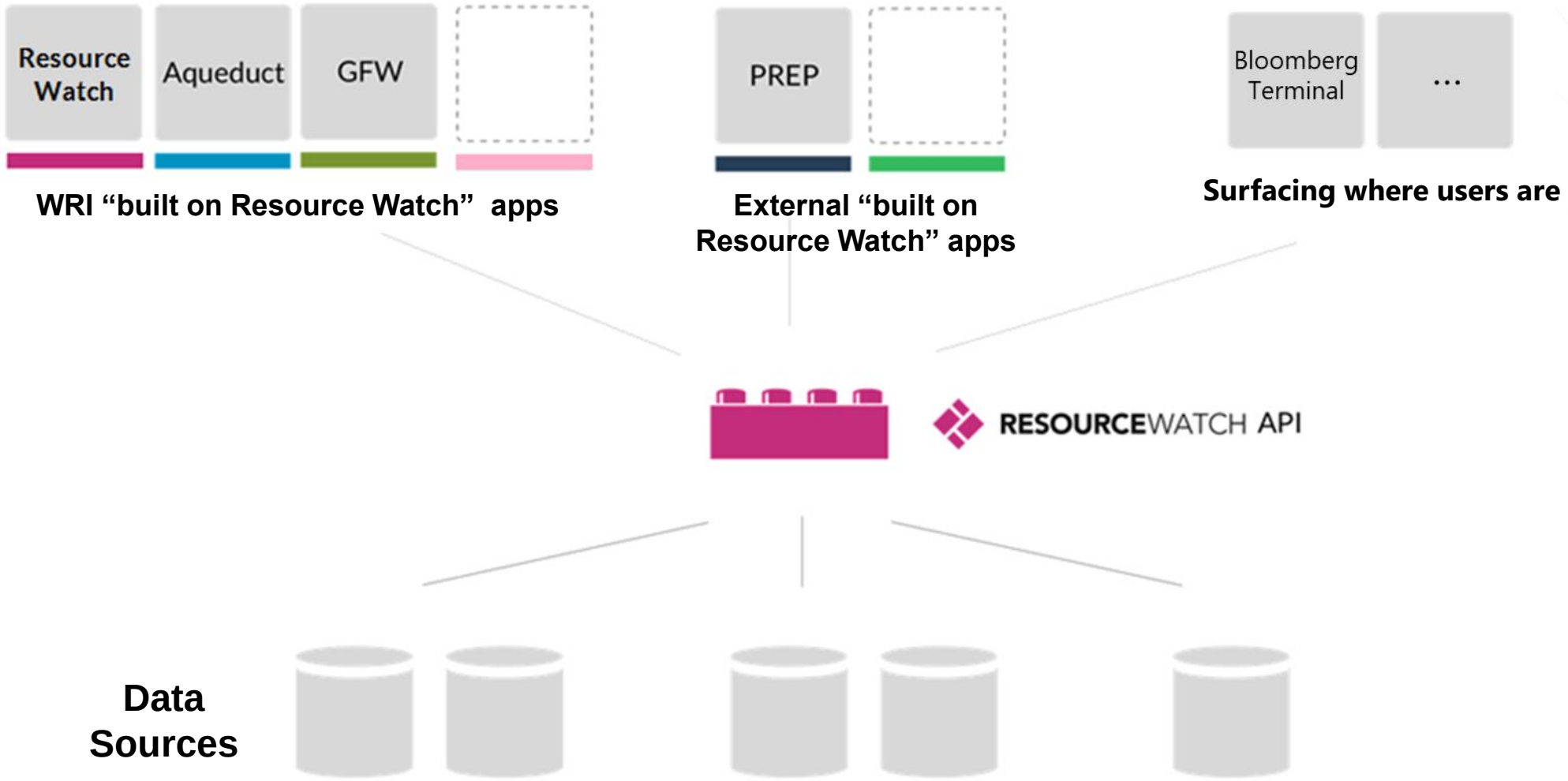


https://staging.resourcewatch.org/blog

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

RESOURCEWATCH

WHAT'S UNDER THE RESOURCE WATCH HOOD?



RESOURCEWATCH

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)

QUESTIONS
ANSWERS

Resource Watch Partners include:

RESOURCEWATCH

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**

RESOURCEWATCH