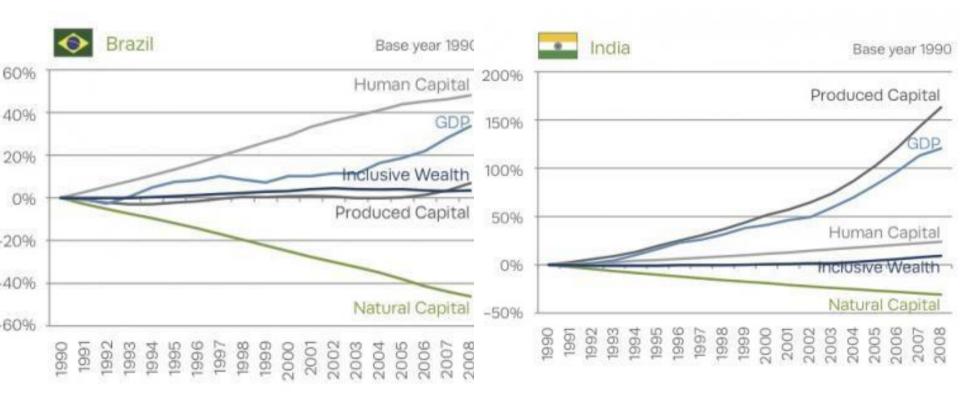
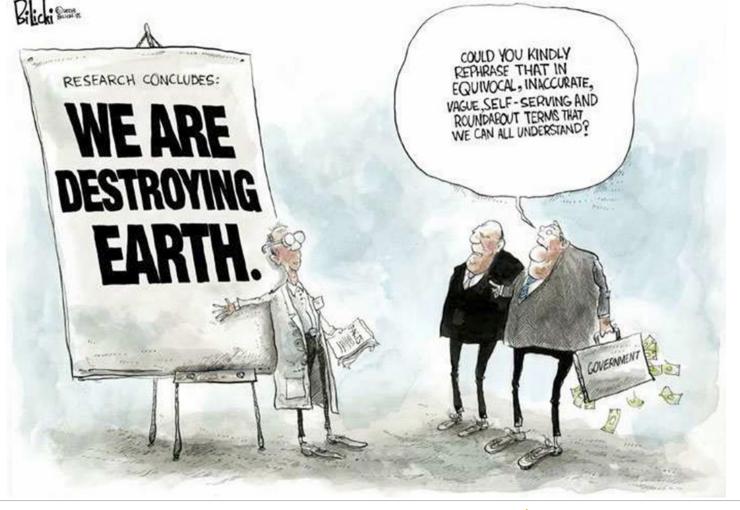


#### **UNECONOMIC GROWTH?**

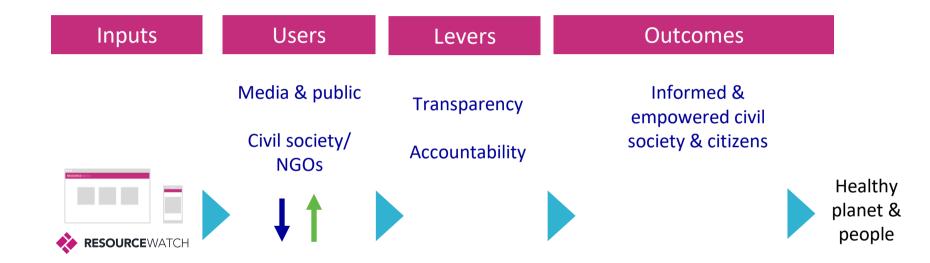




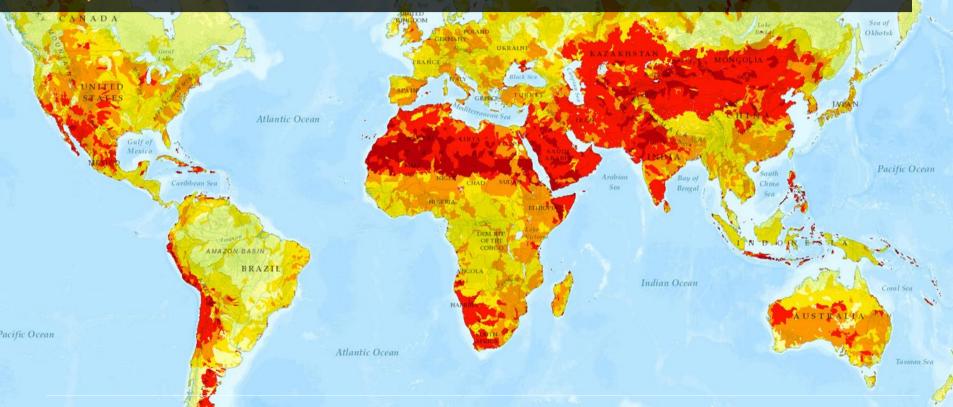
### THE DATA REVOLUTION

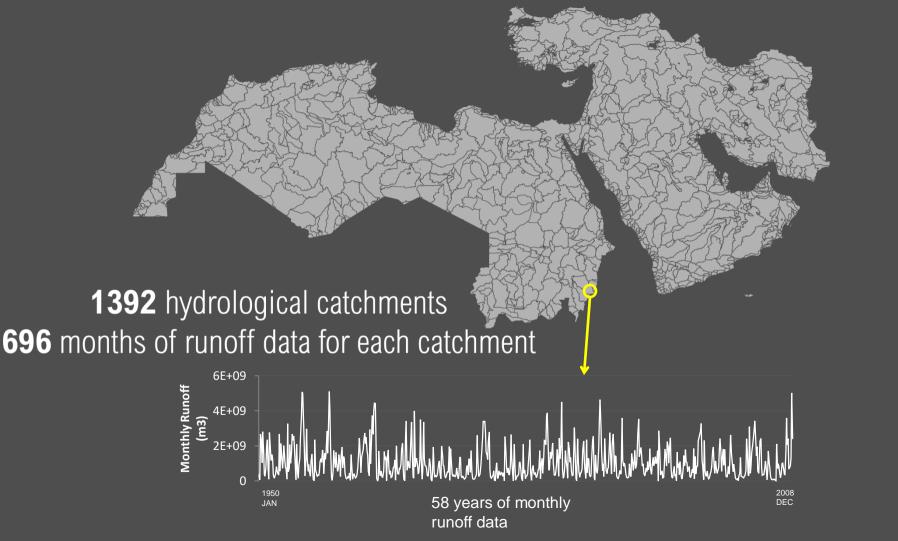


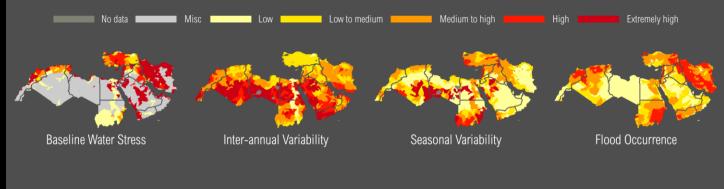
## TWO PRIMARY THEORIES OF CHANGE FOR TURNING DATA INTO ACTION



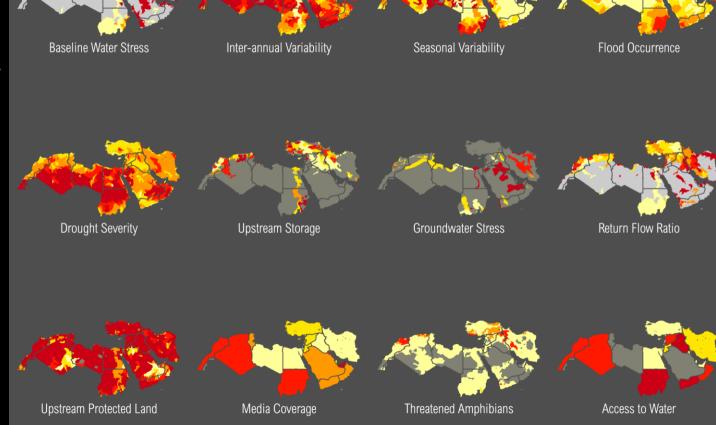
## AQUEDUCT - 12 METRICS OF WATER STRESS FOR 15,000 WATER BASINS

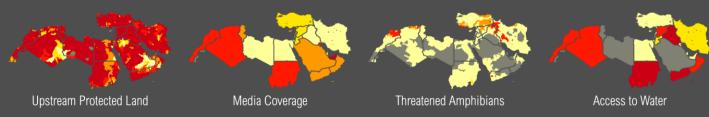




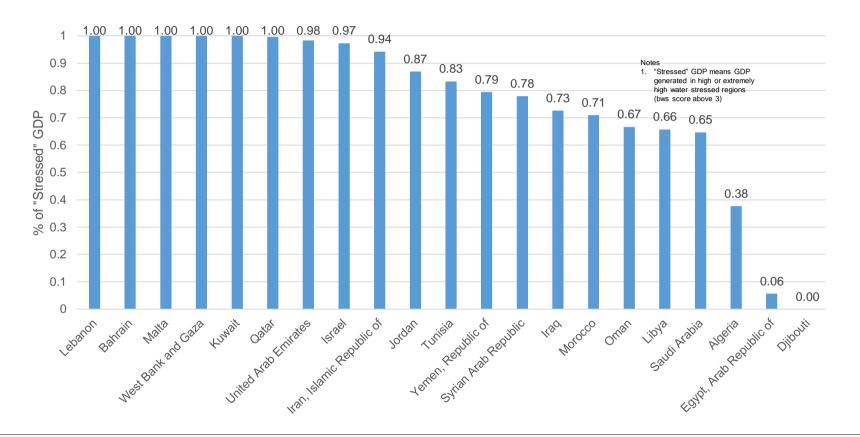


### Water Risk

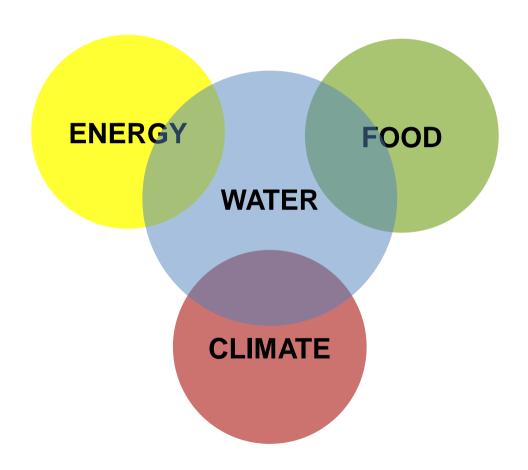




### >71% of MENA's GDP is water stressed

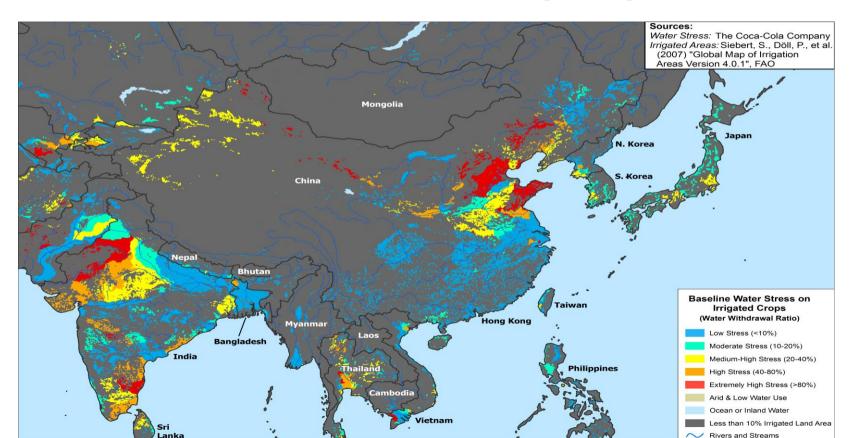


### **FOCUS ON WATER NEXUSES**



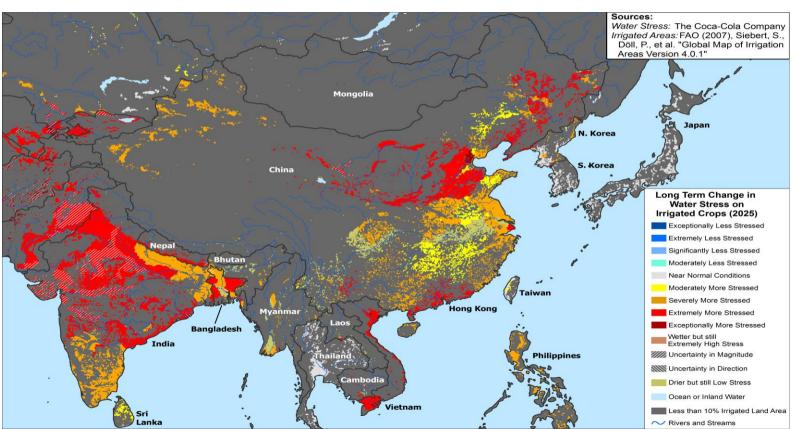
## 39% of irrigated cropland in this region is located in areas of water stress concern

**Baseline Water Stress in areas with Irrigated Agriculture** 



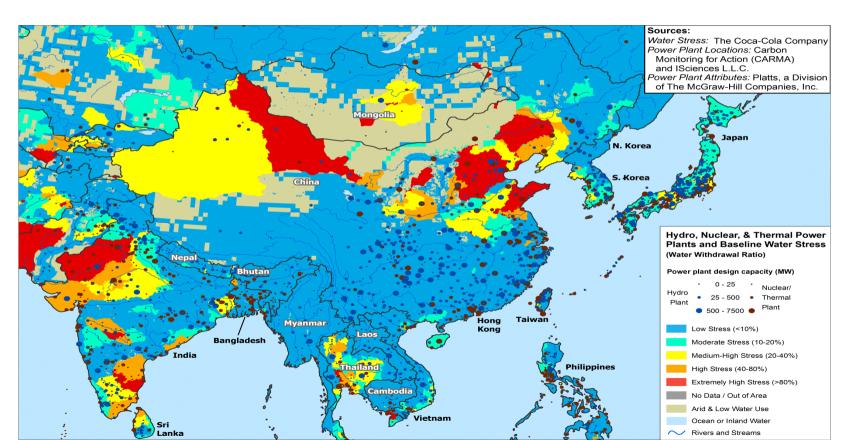
### 75% of current irrigated cropland in this region would see water stress grow 2 to 8 times worse by 2025

Change in Water Stress by 2025 in areas with Irrigated Agriculture (IPCC Scenario A1B)



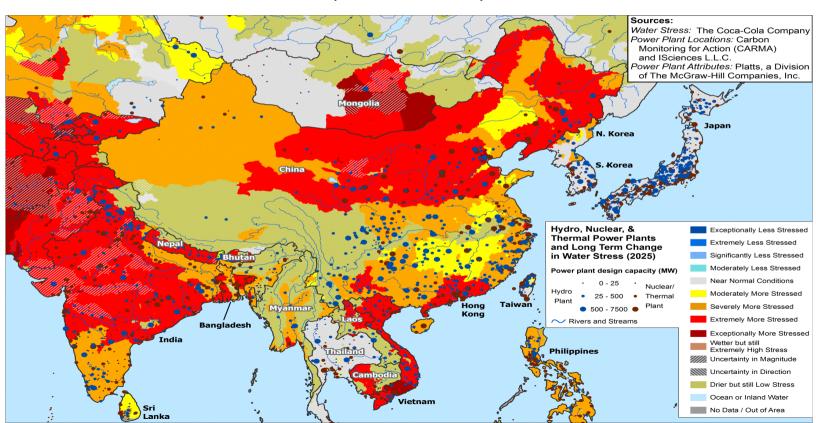
## 19% of power plant design capacity in this region is located in areas of water stress concern

**Baseline Water Stress and Power Plants** 



## 55% of current power plant design capacity would see water stress grow 2 to 8 times worse by 2025

Change in Water Stress by 2025 and Power Plants (IPCC Scenario A1B)

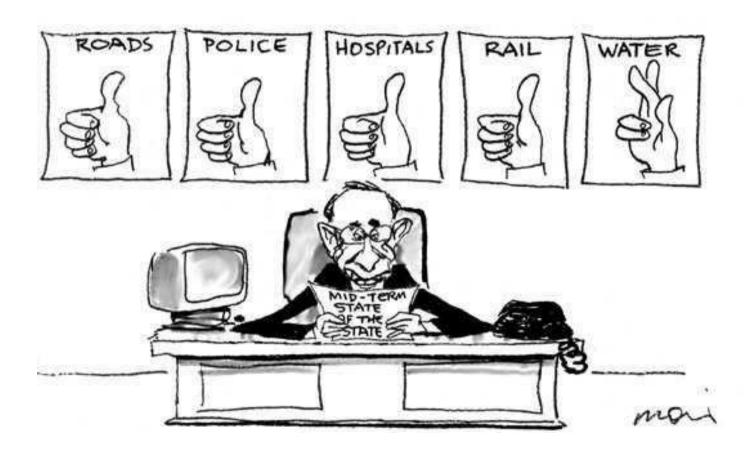


## USING MACHINE LEARNING TO CLASSIFY POWER PLANTS COOLING TECHNOLOGY





### WATER GETS LITTLE POLITICAL ATTENTION







Subscribe to the Global Forest Watch



### Analysis & alerts

Perform forest clearing analysis on the fly and get your answers in real time, or



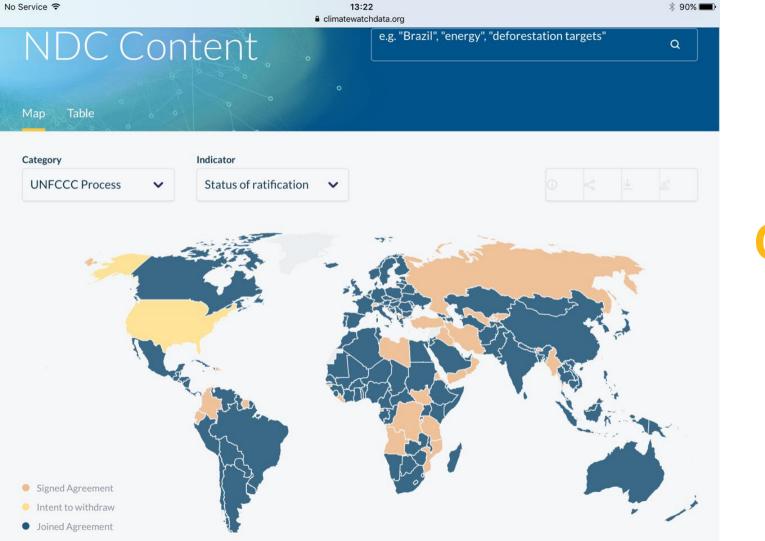
Participate in detecting forest change.

Participate in detecting forest change. Send your story about forest clearing an we will add it to our collection.

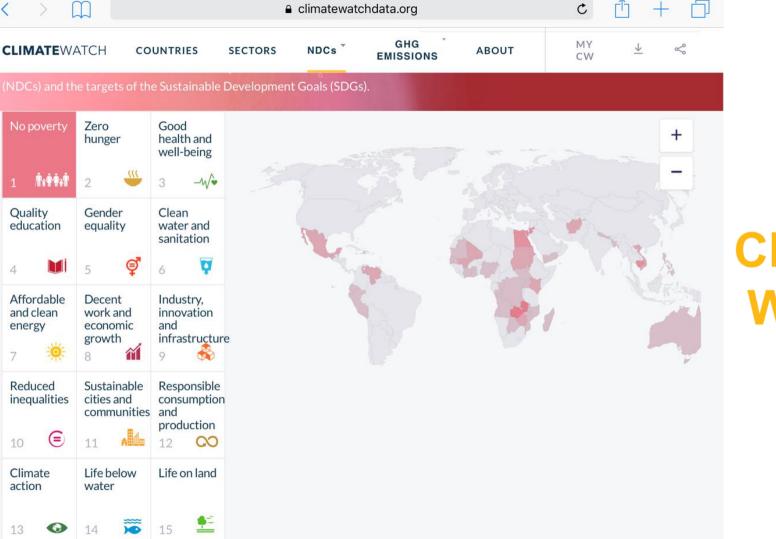
JOIN THE GROUP

START ANALYZING

SEND A STORY

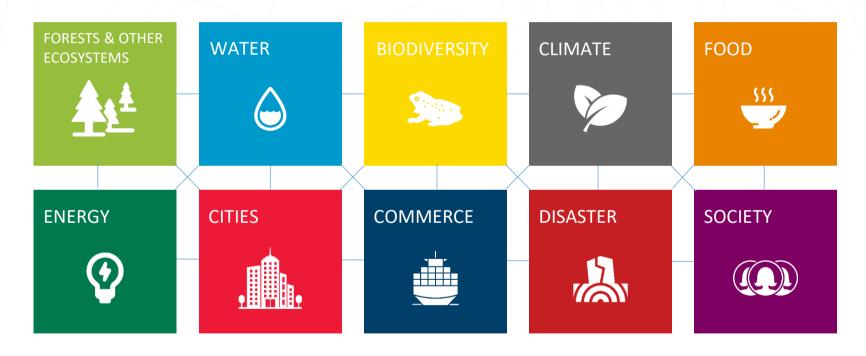


## **Climate**Watch



## Climate Watch

## What's next: spotlight on nexus issues, shared data architecture, & building communities of users







# Sneak peek of the prototype

www.resourcewatch.org

JOIN US





### Explore the data

Explore, create visualizations, receive updates and contribute with your data.

### **EXPLORE DATA** Dive into the data Create and download custom visualisations using our collection of over 180 datasets related to natural resources.

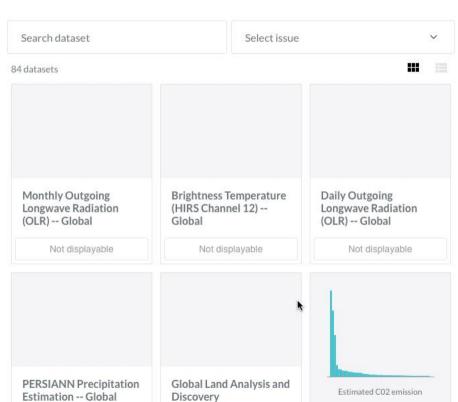
#### DASHBOARDS

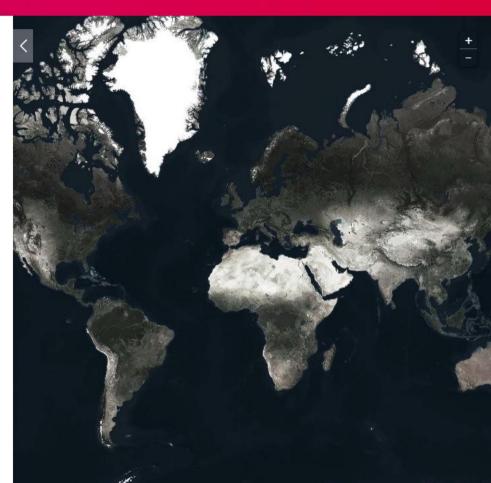
Review the topic or country you care about most

Find facts and figures about a country or topic, or build your own dashboard to monitor the data you care about.



### Explore





Data

Insights

Planet puls

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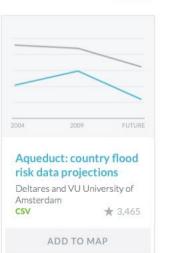
### Explore

Search datasets SEARCH











Insights

Planet puls

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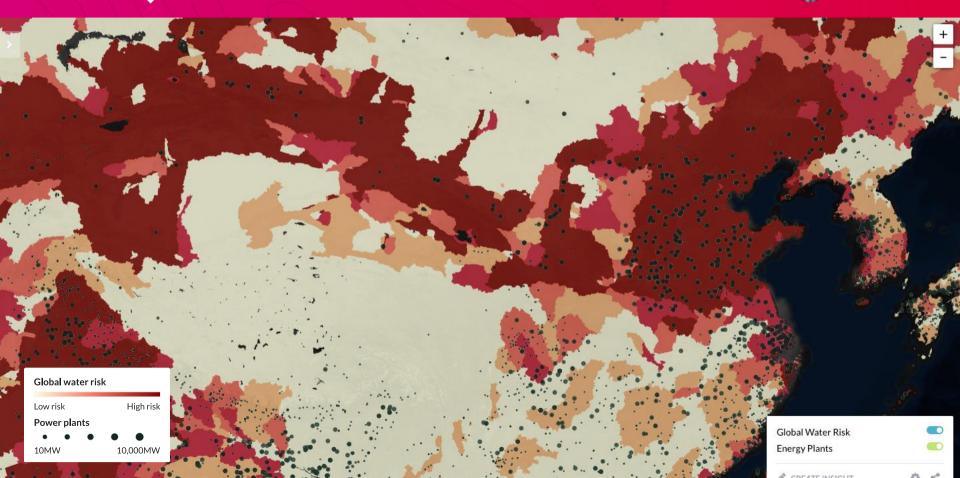
Insights

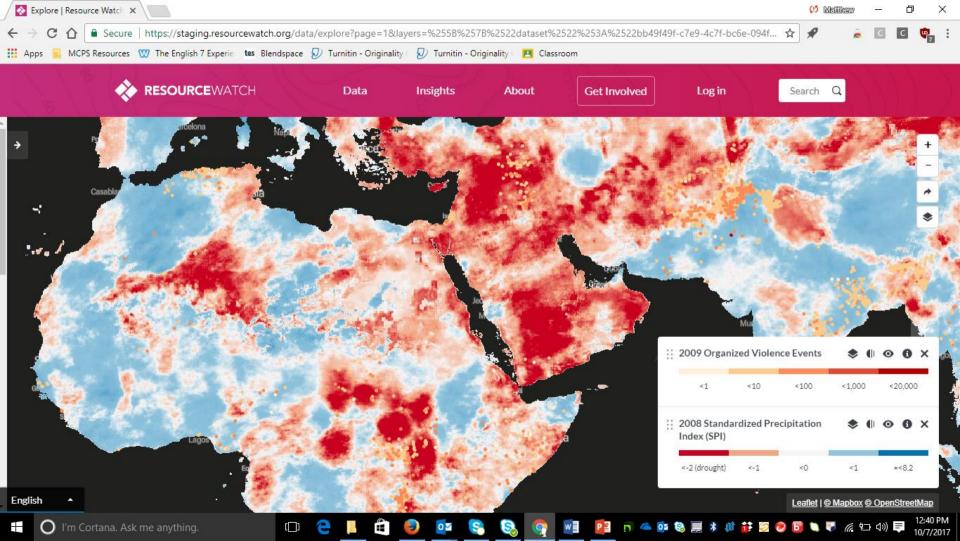
Planet pi

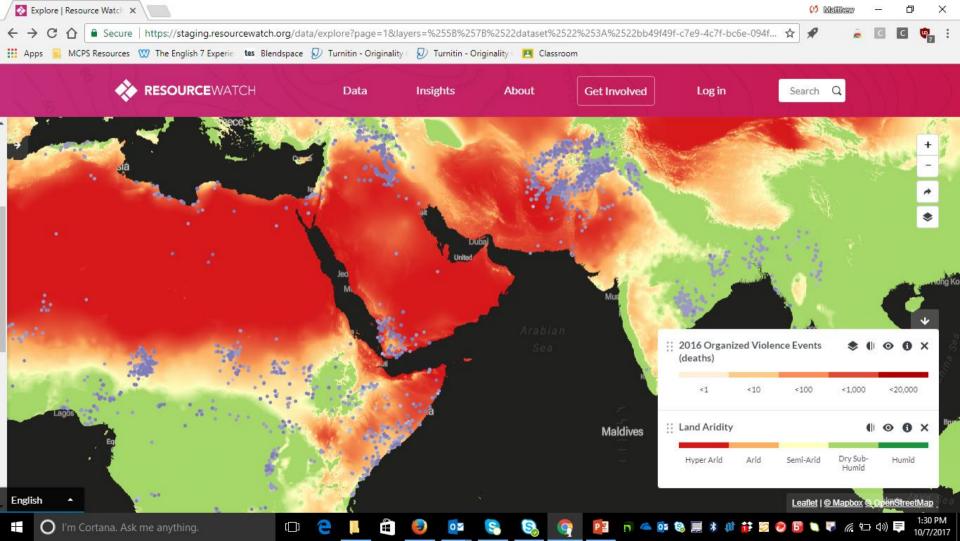
xplore Da

Dashboards





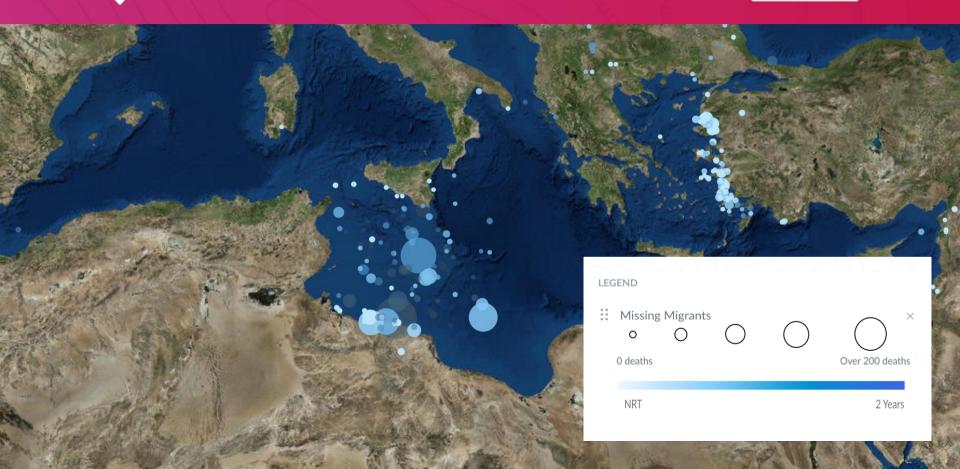


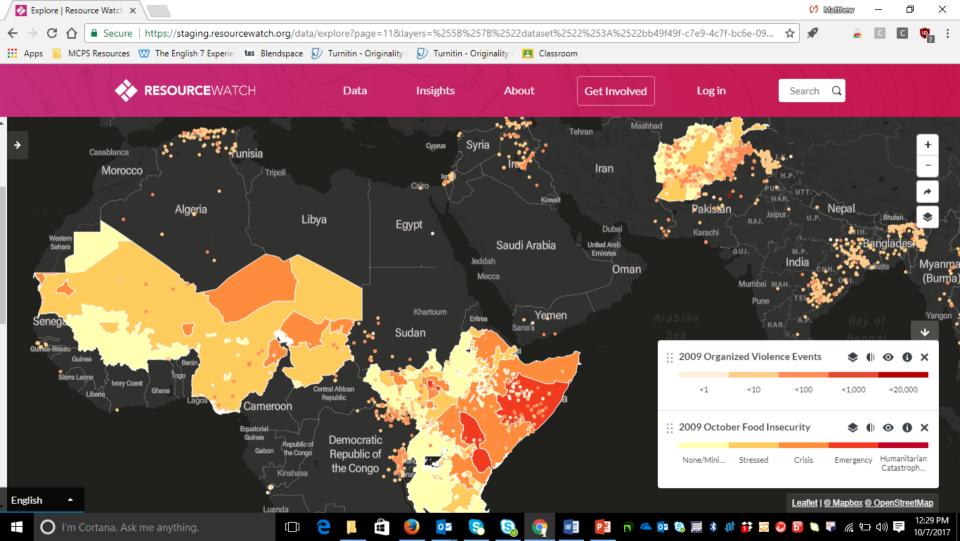


Explore Data - Dashboards -

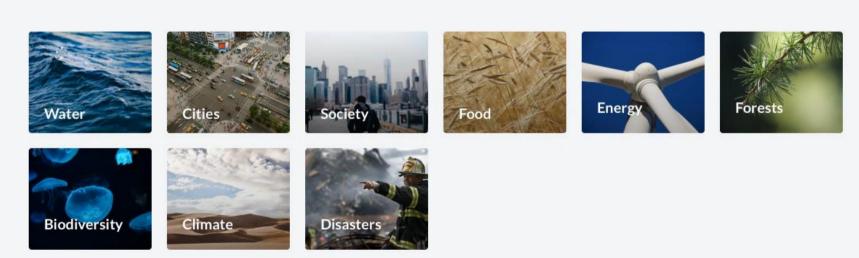
Insights

Get involved









Select a topic to start exploring

### Brazil Dashboard

**RESOURCE**WATCH

**CHANGE COUNTRY FULL SCREEN** 

Choose country

FOREST 📵 Tree cover gain 1,041,09 tree cover extent in 2000 519,187,505 ha







CHANGE COUNTRY

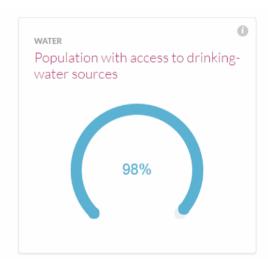


**FULL SCREEN** 

### São Paulo dashboard

RESOURCEWATCH

SUSTAINABLE CITIES Air pollution **ABOVE AVERAGE** Plume Air 38 Quality Index annual average 36





**TOPICS** 







 New insight from World Resources Institute

NOTIFICATIONS

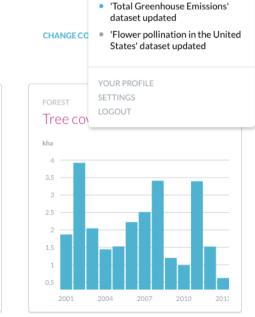




### Janet's dashboard













Data

CONFLICT **FOREST** DROUGHT. FLOODING

## Forest

Forest ecosystems also play a critical role in stabilizing the climate; providing food, water, wood products, and medicines; and supporting much of the world's biodiversity. Though an estimated 30% of potential forest cover has been lost, we can still productively and sustainably manage the world's remaining forests.

#### Displayed layers

- Deforestation alerts (Forma)
- Forest loss since 2000 (i)
- Protected Areas (i)
- Fires 🕡





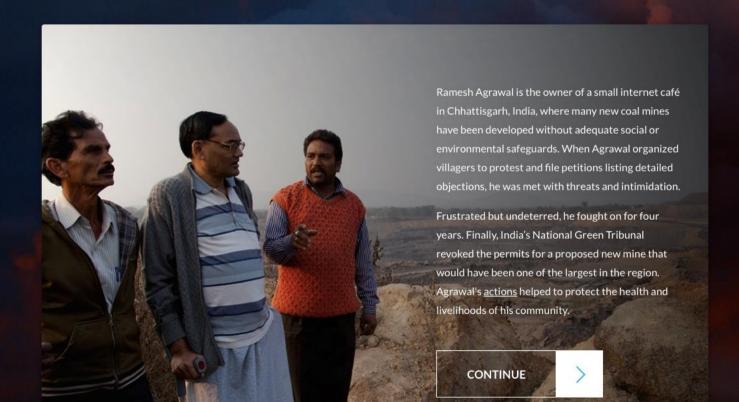
Home > Insights > Story





Zooming In: "Sustainable" Cocoa Producer

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





# **CONNECT DATA TO PEOPLE'S LIVES**



# How can Resource Watch help you?

- Reduce data development costs
- Expand your audience
- Provide core expertise and access to technology partners
- Promote data integration

So that you can focus on making data actionable



# Resource Watch Features



Explore



Planet Pulse



**Dashboards** 



**Stories** 



242 datasets

49 near-real-time

and growing...

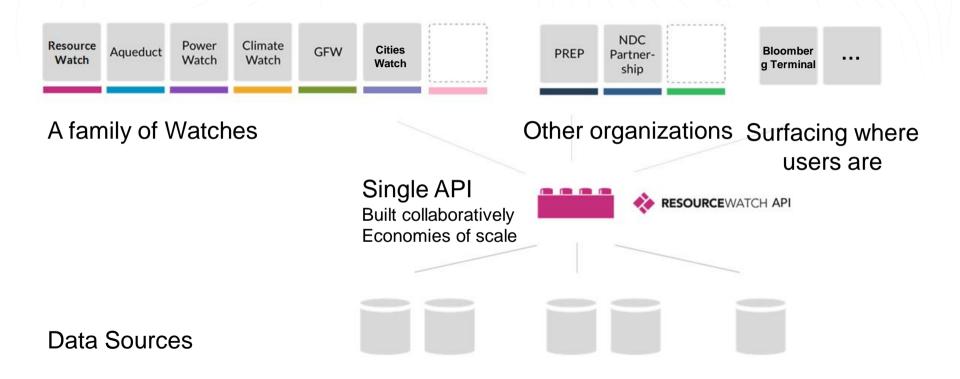


# Resource Watch will be open source





# .....allowing others to build on it



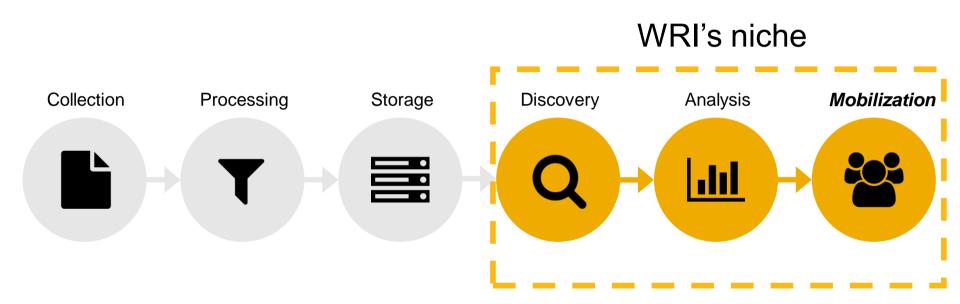


## WHAT'S OUR VISION?



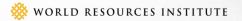
Actor price monthly depend to price and at their contracts

#### WHAT'S OUR NICHE IN THE DATA INTO ACTION CHAIN?



# WHAT HAVE WE LEARNED? DATA ≠ IMPACT, DATA + X = IMPACT!

- Turning big data into action is a team sport!
- Be open-source and open-access
- Co-create
- Technology agnostic
- Build "apps"
- Tell stories around data
- Be relentlessly user-centric

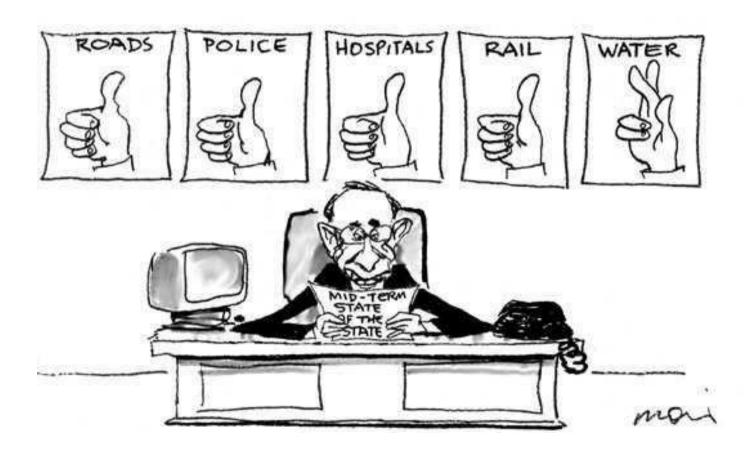


#### SO WE AVOID HUMAN & PLANETARY CATASTROPHE



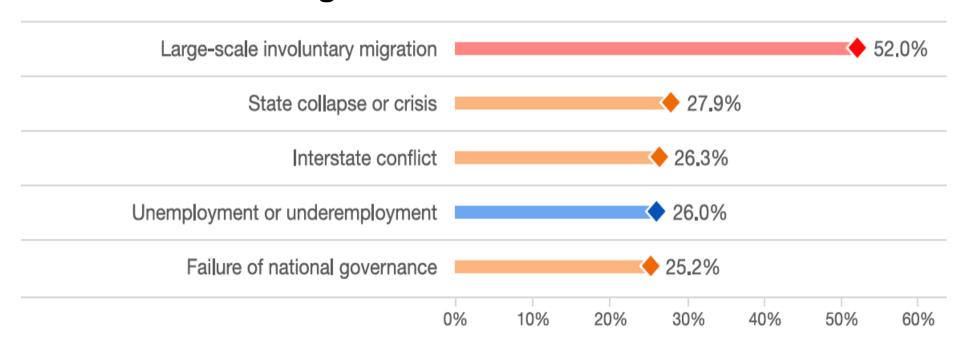


# WATER GETS LITTLE POLITICAL ATTENTION



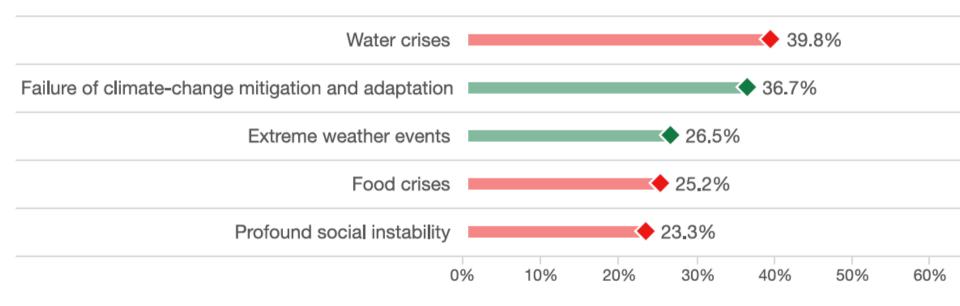
### WHAT WORRIES THE PRIVATE SECTOR?

## Global Risks of Highest Concern: For the Next 18 Months



### WHAT WORRIES THE PRIVATE SECTOR?

## Global Risks of Highest Concern: For the Next 10 Years



Note: Percent of participants mentioning the respective risk to be of high concern for the time frame of 18 months or 10 years, respectively. Participants could name up to five risks in each time frame. In each category, the risks are sorted by the total sum of mentions.

