



Sesión

Toma de decisiones basadas en evidencias

Angus Hamilton _ ETHZ
Maria Ricart _ Vizzuality



vizzuality.

Octubre, 2022.

Del clima a
la sociedad,
el mundo
está
cambiando.



Del clima a
la sociedad,
el mundo
está
cambiando.



vizzuality.

Liderando la sostenibilidad
a través de la
transformación digital.

Nuestro objetivo

Promover un desarrollo sostenible y equitativo, a través de la creación de herramientas digitales que catalizan la toma de decisiones para un futuro mejor.

Nuestra experiencia.

13 años trabajando con
instituciones científicas,
administraciones públicas,
organizaciones multilaterales,
ONGs y corporaciones privadas.



Google



NASA



European Space
Agency



UN Environment
Programme



London School of
Economics



National Geographic



World Bank Group



University of
Cambridge



EC Joint Research
Center



UN Development
Programme



The White House
OSTP



New York City



World Resources
Institute



World Wild Fund



Mars Incorporated



Red Eléctrica de
España



BBVA



Microsoft



International
Development Bank



The Nature
Conservancy



Yale University

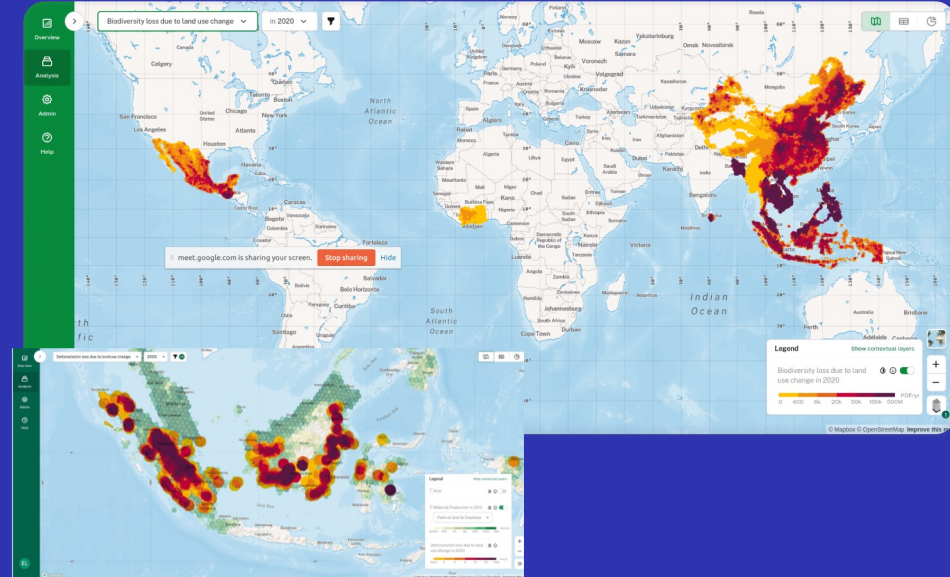


¿Qué significa “data”?



¿Visualización de datos?

Supplier data					
File Edit View Insert Format Data Tools Extensions Help Last edit was seconds ago					
100% 123 Public Sans 9 B I A					
A1	Material				
	A	B	C	D	E
1	Material	Business unit	Suppliers	Sourcing location	
	Material	The business unit for which these materials were supplied	The company from which the materials were purchased	The company that produced the raw materials. (farm, cooperative, local aggregator etc.)	The level on information you have on where the raw materials were produced. One of: -Point of production (farm, ranch, plantation, etc.) -Aggregation point (warehouse, silo, mill etc.) -Country of production -Unknown
3	Required	Required		Required	Required
4	Material	Business unit	Tier 1 Supplier	Producer	Location Type
5	10.05 Maize (cc	Accessories	Cargill	Moll	Unknown
6	10.05 Maize (cc	Accessories		Moll	Unknown
7	09.01 Coffee, w	Accessories		Moll	Unknown
8	08.03 Bananas	Accessories		Moll	Unknown
9	40 Rubber and	Accessories		Moll	Unknown
10	40 Rubber and	Accessories		Moll	Country of production
11	40 Rubber and	Accessories		Moll	Country of production
12	40 Rubber and	Accessories		Moll	Country of production
13	40 Rubber and	Accessories		Moll	Country of production
14	40 Rubber and	Accessories		Moll	Country of production
15	40 Rubber and	Accessories			Aggregation point (warehouse, silo, mill etc.)
16	40 Rubber and	Accessories			Aggregation point (warehouse, silo, mill etc.)
17	40 Rubber and	Accessories			Aggregation point (warehouse, silo, mill etc.)
18	40 Rubber and	Accessories			Aggregation point (warehouse, silo, mill etc.)
19	40 Rubber and	Accessories			Aggregation point (warehouse, silo, mill etc.)
20	40 Rubber and	Accessories			Aggregation point (warehouse, silo, mill etc.)
21	40 Rubber and	Accessories			Aggregation point (warehouse, silo, mill etc.)
22	40 Rubber and	Accessories			Aggregation point (warehouse, silo, mill etc.)
23	40 Rubber and	Accessories			Aggregation point (warehouse, silo, mill etc.)



Open Platforms.

Herramientas abiertas

www.resourcewatch.org

www.globalforestwatch.org

<https://www.wri.org/aqueduct>

<https://www.trase.earth/>



SORT BY MOST VIEWED 

FOOD AND AGRICULTURE 

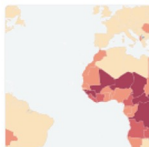
42 DATASETS

Related dashboards

[SEE ALL](#)



Food and Agriculture



ILO/World Bank Gro...
Employment in Agriculture

[Add to map](#)



EarthStat/UMN Ion...
Cropland and Pasture Area

[Add to map](#)



WRI
Agricultural Exposure to Water Stress

[Active](#)

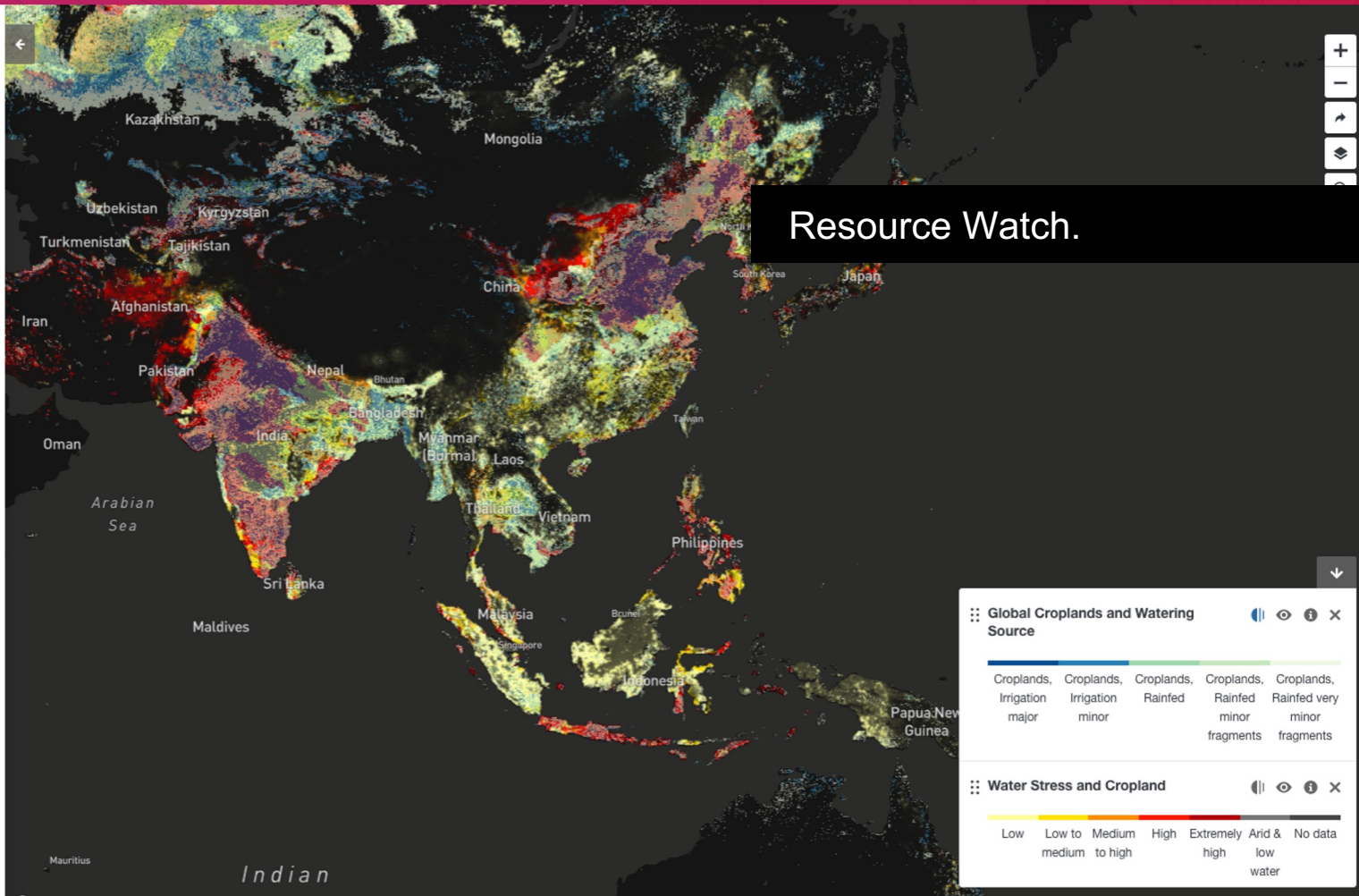


IFPRI/CGIAR-PIM/...
Crop Land Area and Production

[Add to map](#)



SU/UTokyo/ICU/U...
...



Resource Watch.

Global Croplands and Watering Source

Croplands, Irrigation major
Croplands, Irrigation minor
Croplands, Rainfed
Croplands, Rainfed minor fragments
Croplands, Rainfed very minor fragments

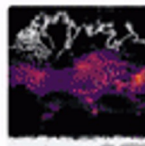
Water Stress and Cropland

Low
Low to medium
Medium to high
High
Extremely high
Arid & low water
No data

Feedback

Start Exploring
[SEE ALL DATA](#)
[Discover](#)
[All Data](#)
[Near Real-Time](#)
[Topics](#)
[Areas of Interest](#)
[My Data](#)
[My Favorites](#)


World Bank Group/
Solar Energy Potential

[Add to map](#)


TROPOMI/ESA... 5/30/2021
Air Quality: Nitrogen Dioxide (NO₂) Satellite Measurements

[Add to map](#)


ReliefWeb 6/4/2021
Current Disaster Events

[Add to map](#)


WFP 5/15/2021
Food Price Spikes

[Add to map](#)

Related Topics
[SEE ALL](#)


Food and Agriculture



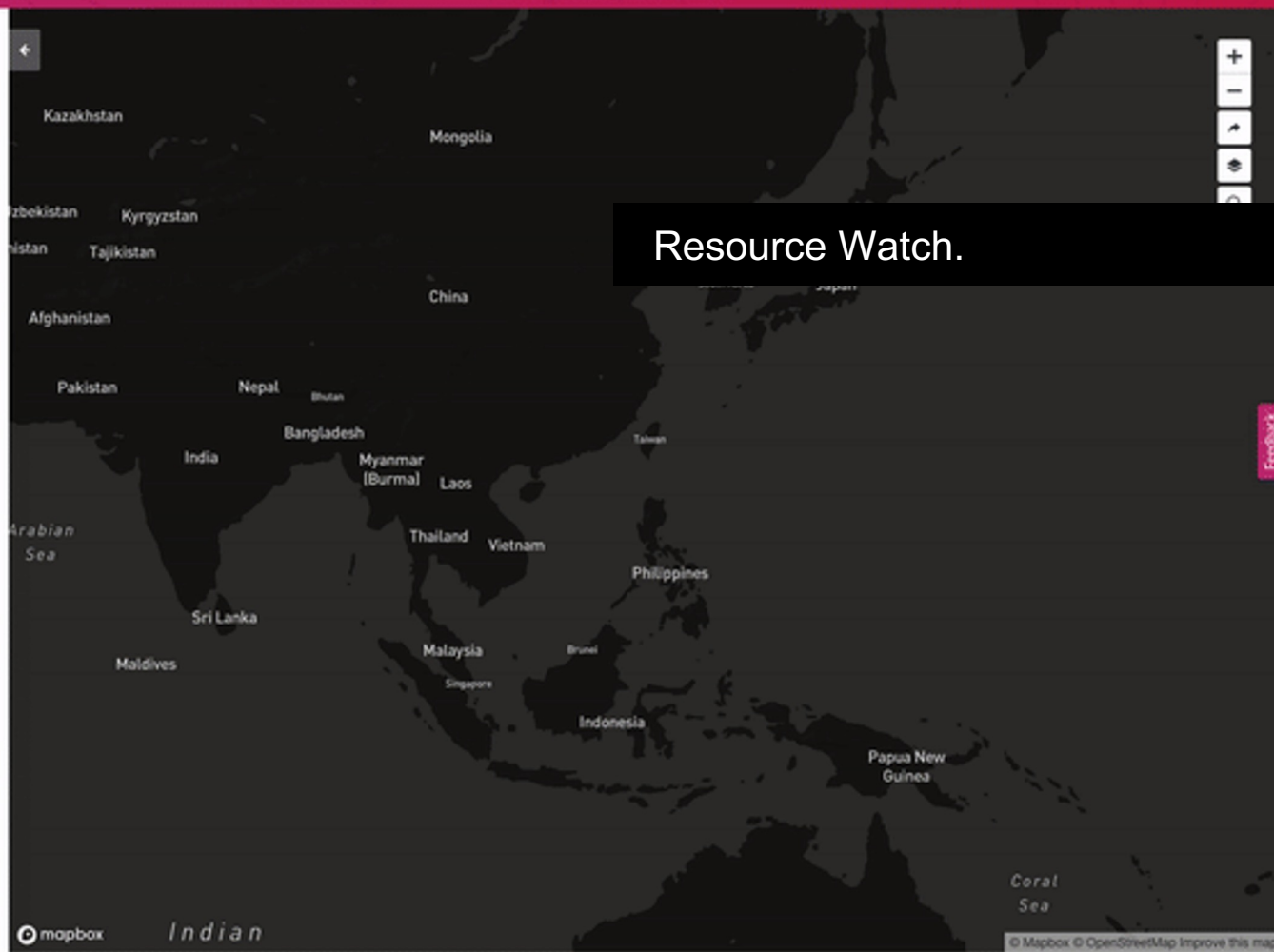
Energy



Water



Land Use


[Feedback](#)

Forests biome. The location is predominantly **land area**. Area of **20.98Mha** located in a **predominantly lowland area**.

TREE COVER IN AREA NEAR TSHOPO, DEMOCRATIC REPUBLIC OF THE CONGO

As of 2000, 98% of Area near Tshopo, Democratic Republic of the Congo was tree cover.

Tree Cover
20.4Mha

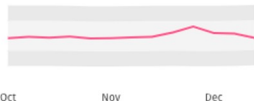
Non-Forest
314kha



2000 tree cover extent | >30% tree canopy

DEFORESTATION ALERTS IN AREA NEAR TSHOPO, DEMOCRATIC REPUBLIC OF THE CONGO

There were **845** GLAD alerts reported in the week of the **28th of December 2020**. This was **normal** compared to the same week in previous years.



This algorithm approximates the results by sampling the selected area. Results are more accurate at closer zoom levels.

SAVE IN MY GFW



Global Forest Watch.

Deforestation alerts
(GLAD)

- GLAD alerts
- Recent alerts

From 01 JAN 2015 to 05 JUN 2021

2015 2016 2017 2018 2019 2020 2021

- Show only high confidence alerts
- Geographic coverage
- Places to Watch

The Places to Watch information is based on GLAD alerts from the past month.

[Sign up for monthly GFW email updates](#)

Tree cover - 2000

- Tree cover

Displaying Tree cover with > 30% canopy density

Displaying Tree cover for 2000

Global Forest Watch.

Indian
Ocean

GLOBAL | COUNTRY

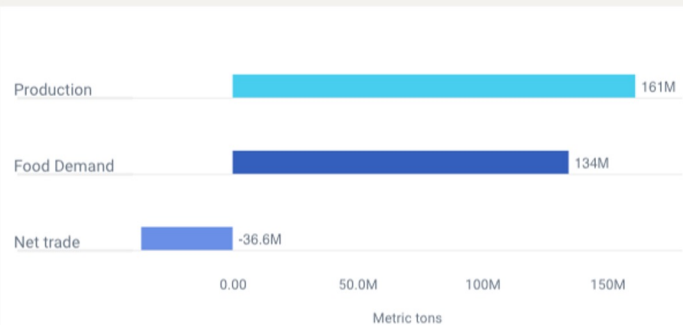
CROPS
All crops

WATER RISK
Water Stress

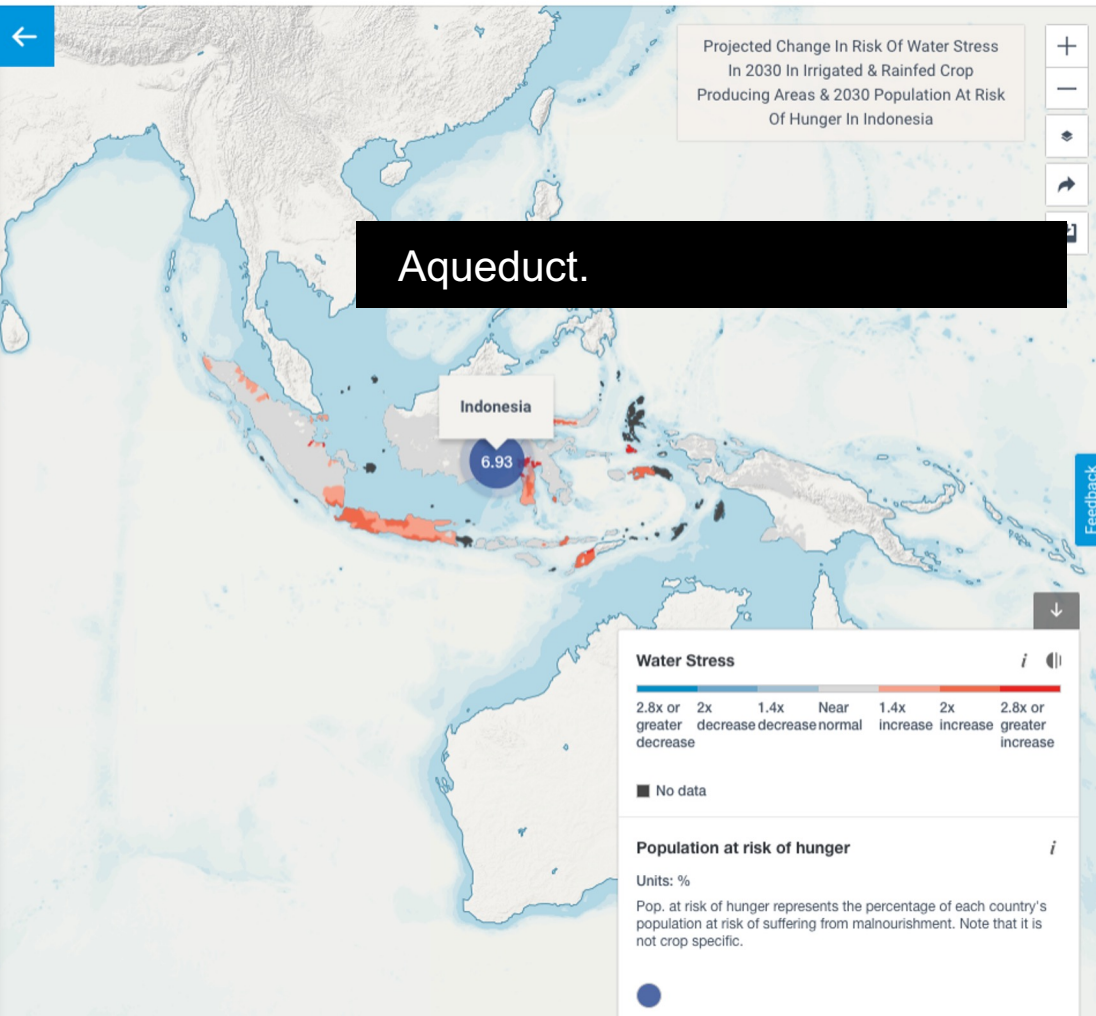
FOOD SECURITY
Population at risk ...

TIMEFRAME
2030

PROJECTED VOLUME OF CROP PRODUCTION, DEMAND FOR FOOD, AND NET TRADE IN INDONESIA IN 2030



PROJECTED PERCENTAGE OF CROP AREA THAT WILL BE IRRIGATED VS. RAINFED IN INDONESIA IN 2030



GLOBAL

COUNTRY

Select a Country

Indonesia

Compare with...

Crops ?

All crops

Water Risk ?

None

Food Security ?

None

☒ All ☐ Irrigated ☐ Rainfed

Timeframe ?

Baseline

2030

2040

Reset filters

INDONESIA SUMMARY

Area ?

38.6M ha

Pop. at risk of hunger ?

16.89 %

KILOCALORIES PER CAPITA PER DAY IN INDONESIA

Kcal per capita

Minimum requirement

Aqueduct.

Irrigated & Rainfed Crop Producing Areas
In Indonesia

All crops

Data not available

Open Platforms.

Herramientas abiertas

www.resourcewatch.org

www.globalforestwatch.org

<https://www.wri.org/aqueduct>

<https://www.trase.earth/>



Gracias

maria.ricart@vizzuality.com

angus.hamilton@inf.ethz.ch