Open Source Climate Adaptation Decision Support Tools

GWF 2023 | May 4 | Geo4SDGs Alex Sweeney

Locana



Agenda

1 Climate + Geospatial

2 Project Examples

3 Looking Forward



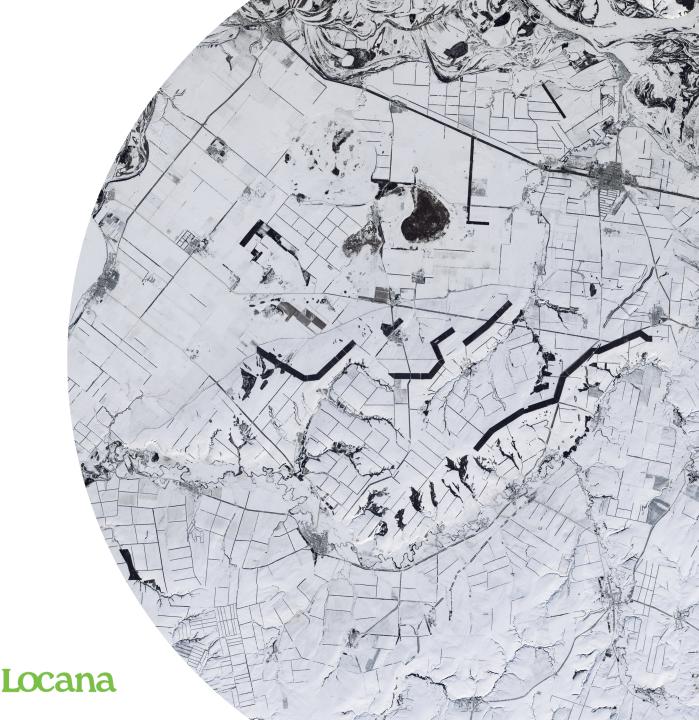
Climate + Geospatial



Climate + Geospatial



Maps + location intelligence can help solve pressing infrastructure, sustainability, social, and business challenges



Climate + Geospatial



Geospatial data and tech will continue to play a vital + central role in identifying responses to the array of climate related challenges



Open source climate tools foster education + collaboration, and allow users the agency to make data driven decisions



Climate + Geospatial

How will climate affect where I am and what I care about?



Assess how climate is affecting agricultural commodities



Evaluate specific risks/exposure by location with increasing granularity and emphasis on local impacts



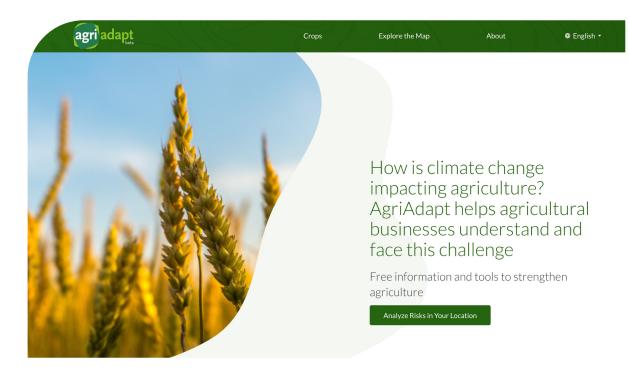
Identify potential solutions



Project Examples



AgriAdapt



agriadapt.org

Reliable, verified information to make better decisions in agriculture

We deliver free climate information to inform decisions for agriculture businesses – small and large – to adapt in the face of climate change.

Explore the Map



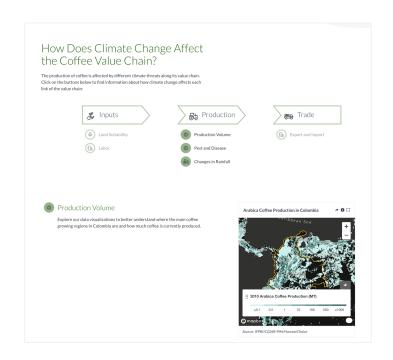
Open-source tool to highlight climate risks across certain agricultural value chains

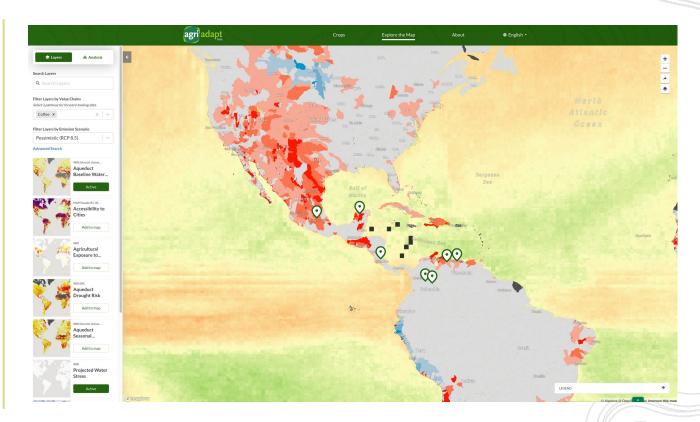
> Integrate climate risk and resilience into plans and operations

The value chain of each crop faces unique risks

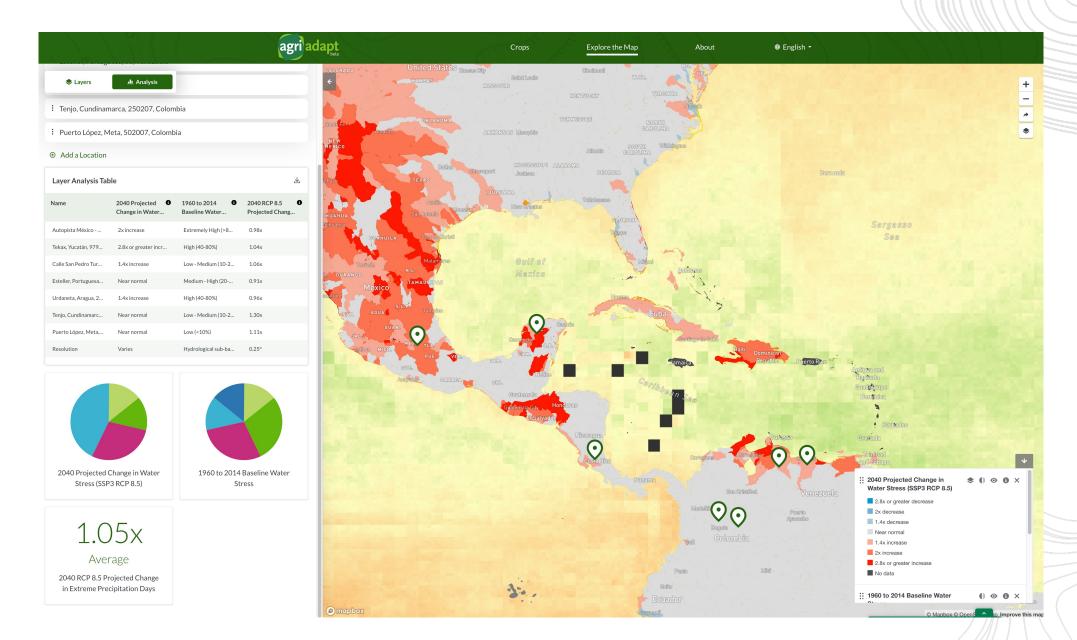
Learn more about how climate change affects various crops



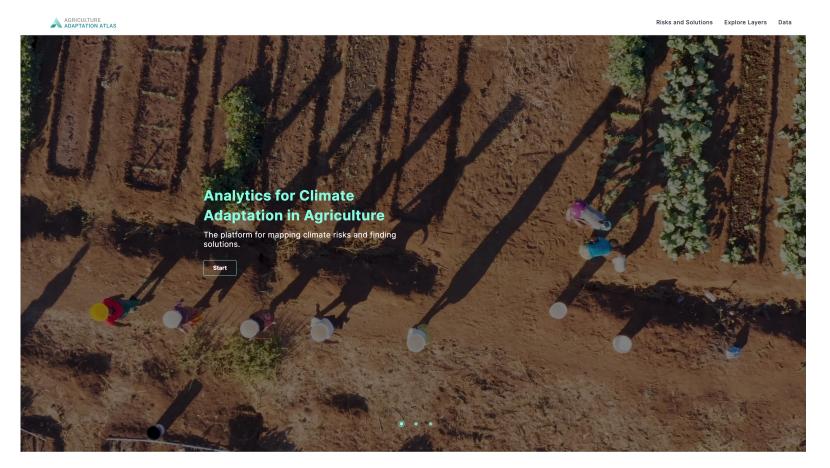








Agriculture Adaptation Atlas

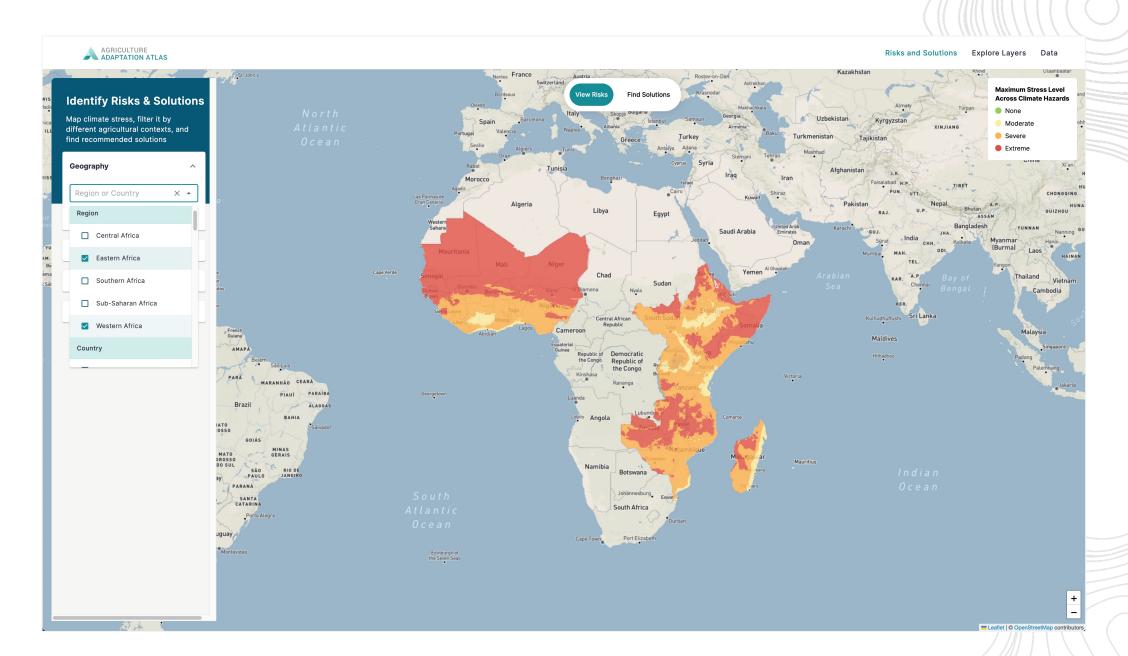


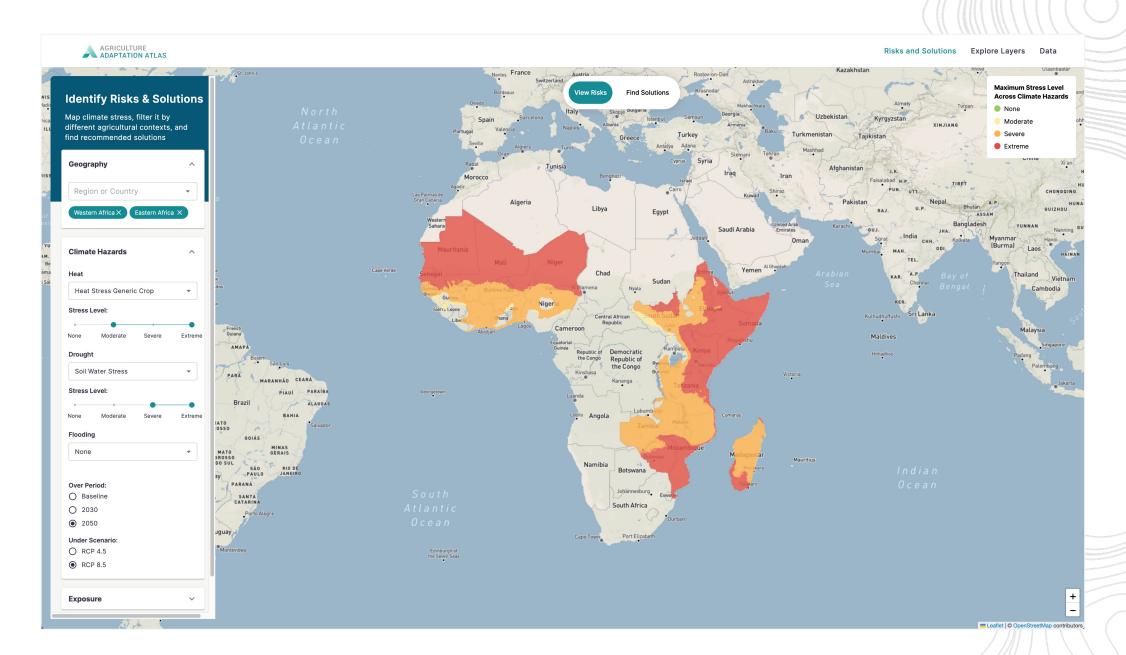
adaptationatlas.cgiar.org

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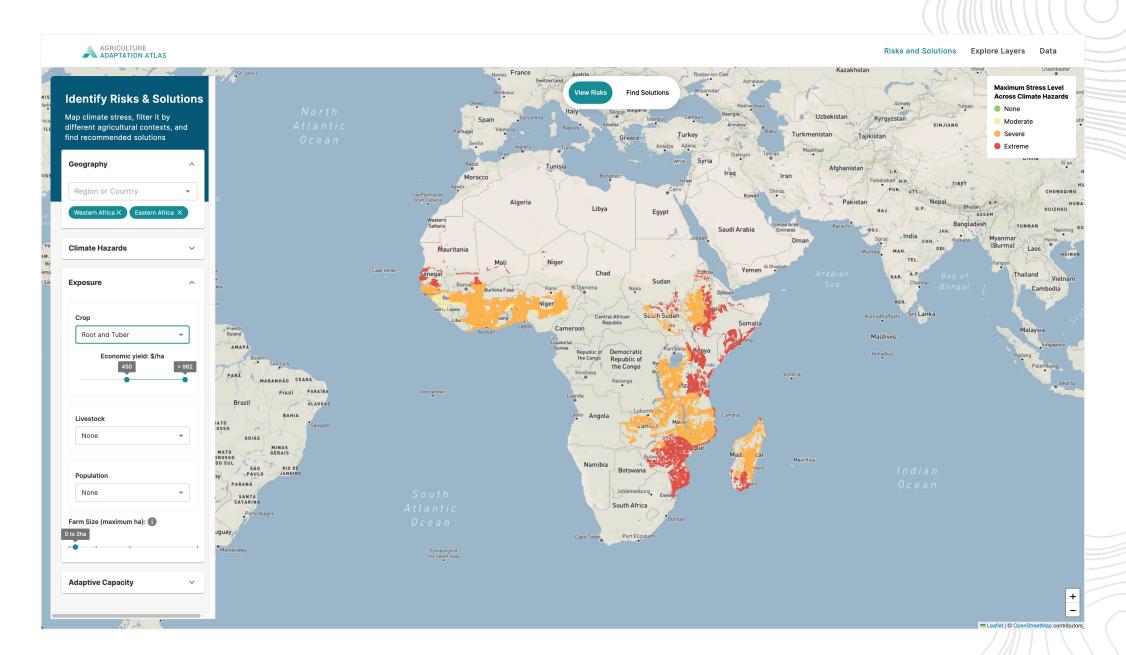
How We Help



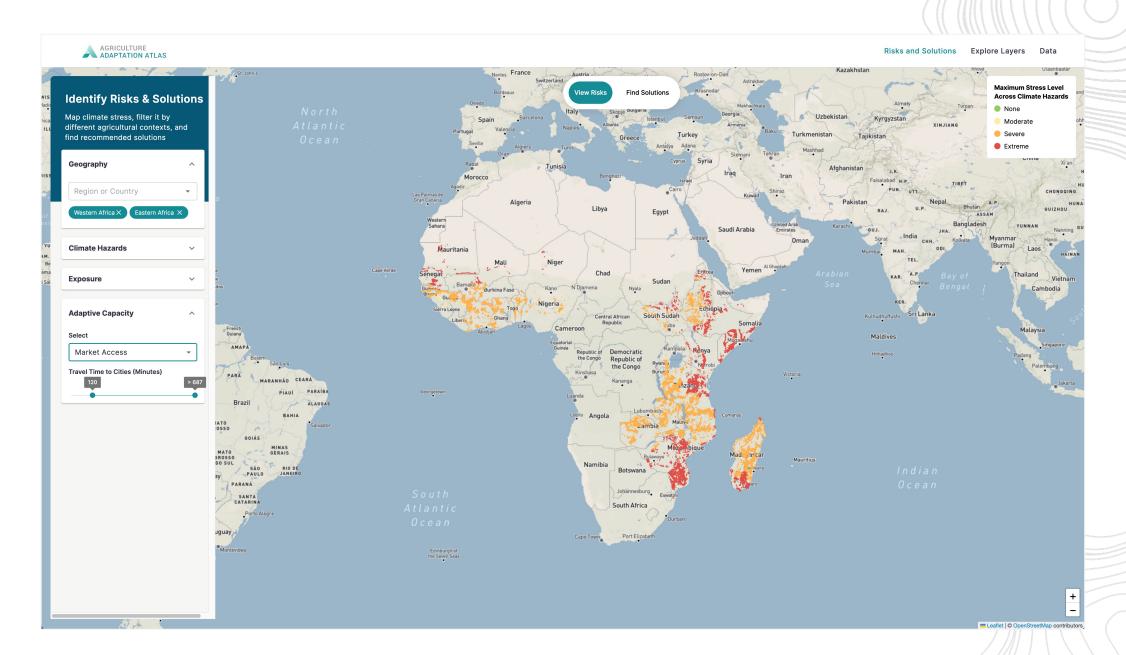




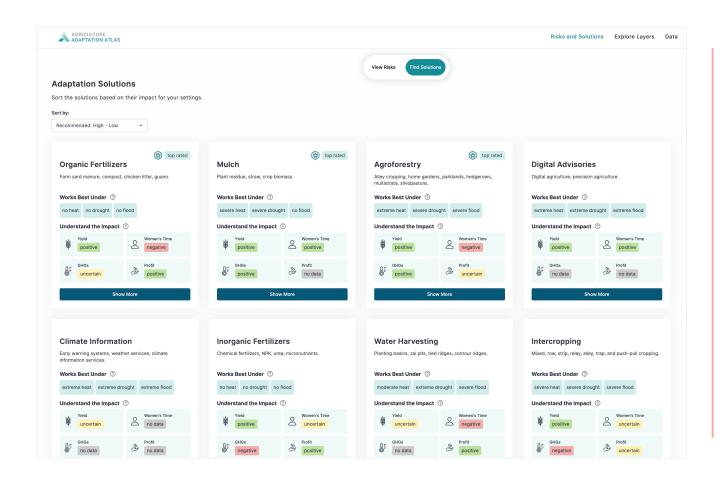


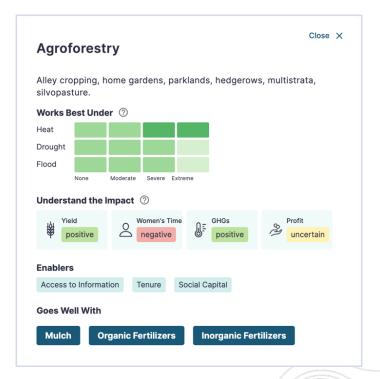














Looking Forward



Data



Authoritative, accurate, meaningful data



Partner with end user

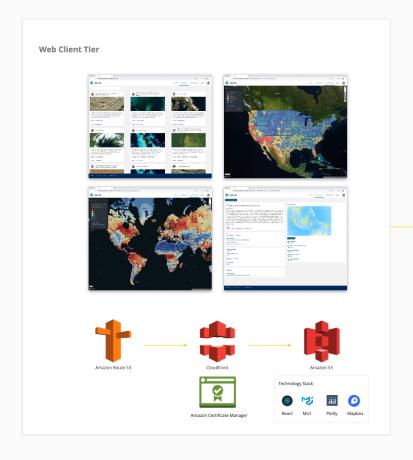


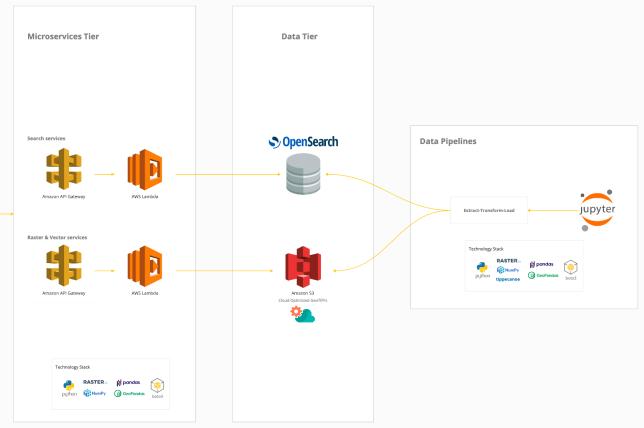
Narrative



Architecture









Looking Forward



How will climate affect where I am and what I care about?



Lower barrier of entry so people/orgs/businesses can make climate smart decisions?



Contact Us

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