Environmental, Social and Governance

Mapping towards a sustainable future

esri South Africa

THE SOUTHERN AFRICA ESRI USER CONFERENCE 2023

Our World

Is a Complex . . .
Rapidly Changing
Adapt

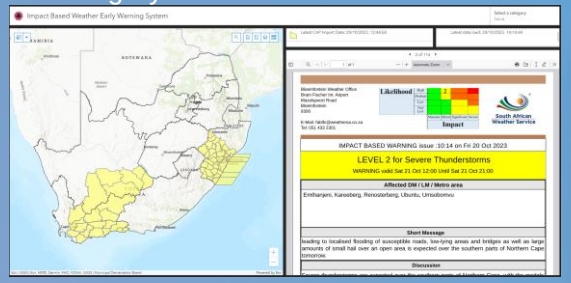
Fragile
Rich in Biodiversity
. . . Not Well-Known
. . . And Even Less Understood

The World We Live In
Highly interdependent Ecosystem

Increasingly Dominated by Human Activities

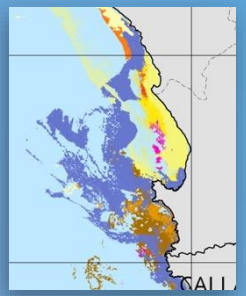
Environmental and Conservation

Impact Based Weather Early Warning System



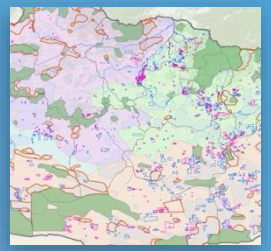
National Disaster Management Centre
South Africa

Oil Spill Damage & Restoration



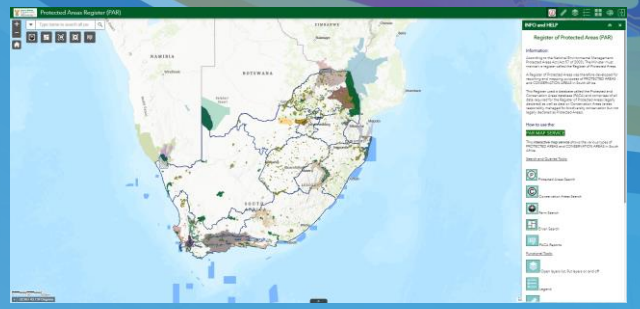
CONIDA
Lima Shoreline

National Conservation Planning



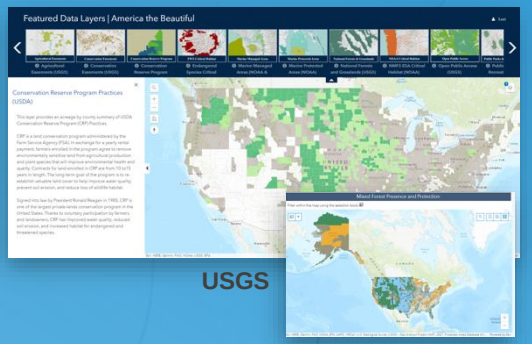
TNC Mongolia
Mongolia

Protected Areas Register



Department Forestry, Fisheries, Environment
South Africa

Conservation & Stewardship Atlas
America the Beautiful (30 x 30)

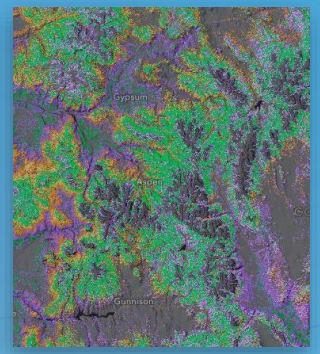


USGS

Noise Impacts

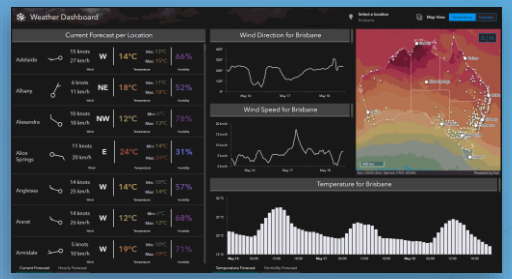
San Francisco Int'l Airport
San Francisco Bay, California

Modeling Forest Carbon Pools



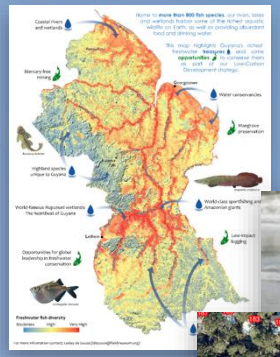
Forest Service
Colorado

Real-Time Weather Dashboard



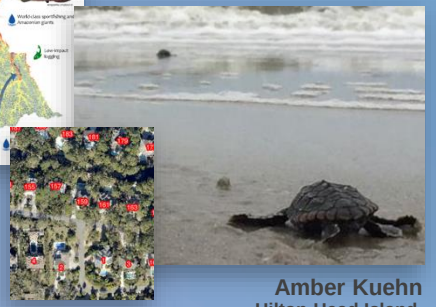
Australia

Freshwater Fish Diversity



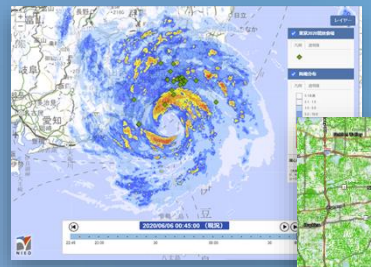
Field Museum of Natural History
Guyana

Sea Turtle Patrol



Amber Kuehn
Hilton Head Island, South Carolina

Typhoon Monitoring

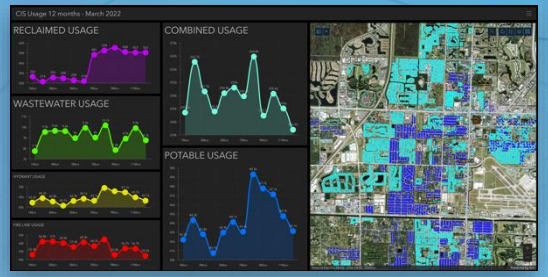


NIED
Tsukuba, Ibaraki, Japan

Extreme Heat Map

Metropolitan Council
Twin Cities, Minnesota

Monitoring Water Consumption



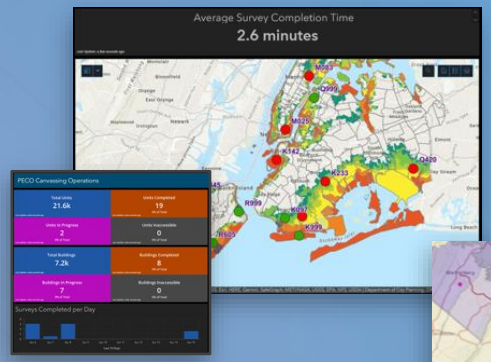
Water Utilities Department
Florida

Managing Wastewater Facility

Orange County Sanitation District
California

Social Equity

Vulnerable Populations & Health

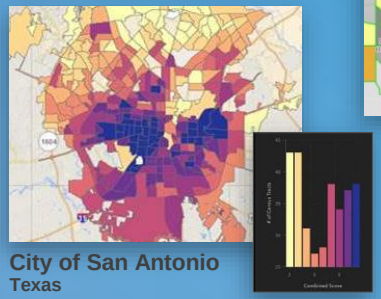


Data Vision Group
New York City, New York

Transit Access for Socially Vulnerable Communities

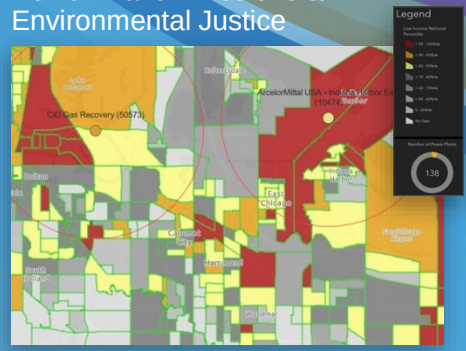
USDOT
Washington, DC Region

Interactive Equity Atlas



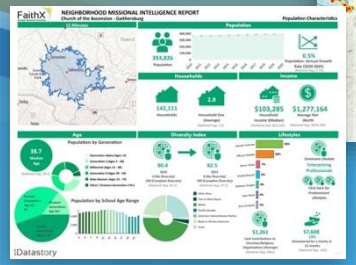
City of San Antonio
Texas

Power Plant Emissions & Environmental Justice



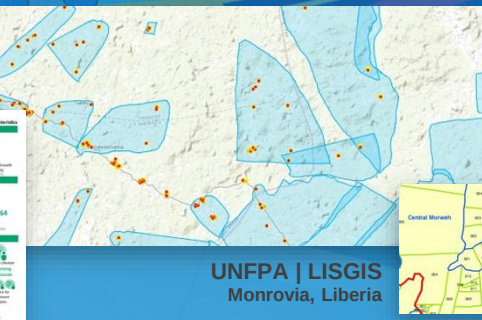
USEPA

Neighborhood Demographic Profile



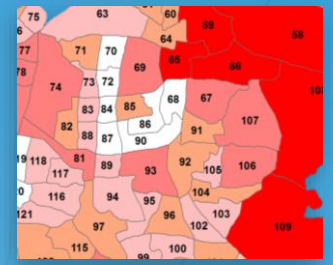
FaithX Project
Gaithersburg, Maryland

Maps for Census Enumeration



UNFPA | LISGIS
Monrovia, Liberia

Population Density

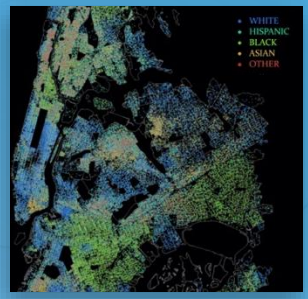


Shrabanti datta
Kolkata, West Bengal, India

Environmental Justice

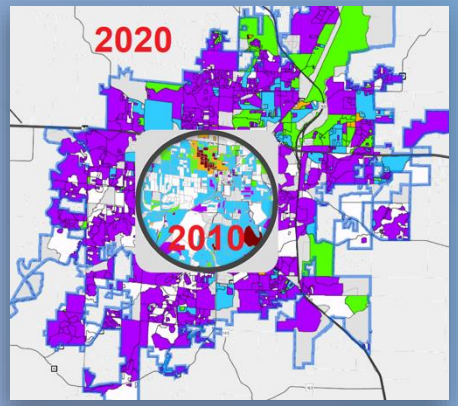
Salt Lake City Department of Public Utilities
Utah

Distribution of Races



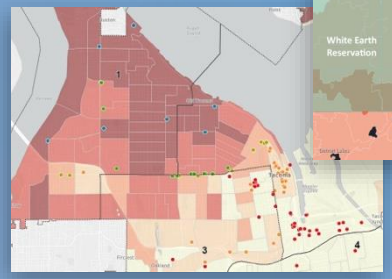
Saturn Power
New York City, New York

Reapportionment & % Black Population



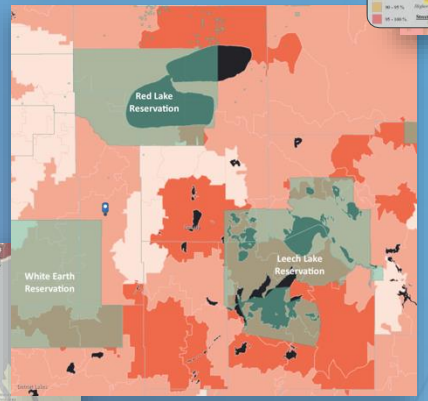
City of Columbia
Missouri

Grant / Loan Applications & Equity



City of Tacoma
Washington

Arrest Rate & Native American Reservations

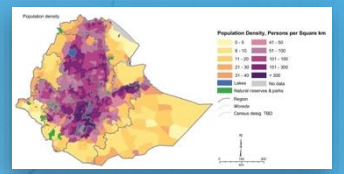


FaithX Project
Bagley, Wisconsin

Children & Poverty

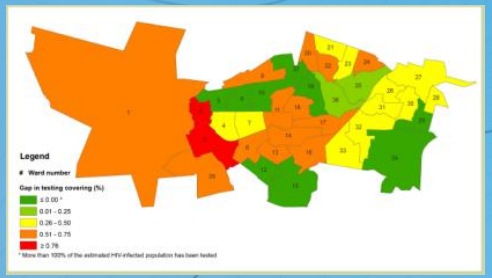
NYS Council on Children and Families
New York

Population Census



Central Statistical Agency
Ethiopia

HIV testing coverage by ward



ANOVA Health Institute
South Africa

ESG Drivers

Once a niche idea…

Global principles & regulations

Awareness

. . . Expectations

Challenging…

External pressure

Modify operations

Responsible

Solutions

ESG is a statement of Ambition!

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CONNECTING COMMUNITIES

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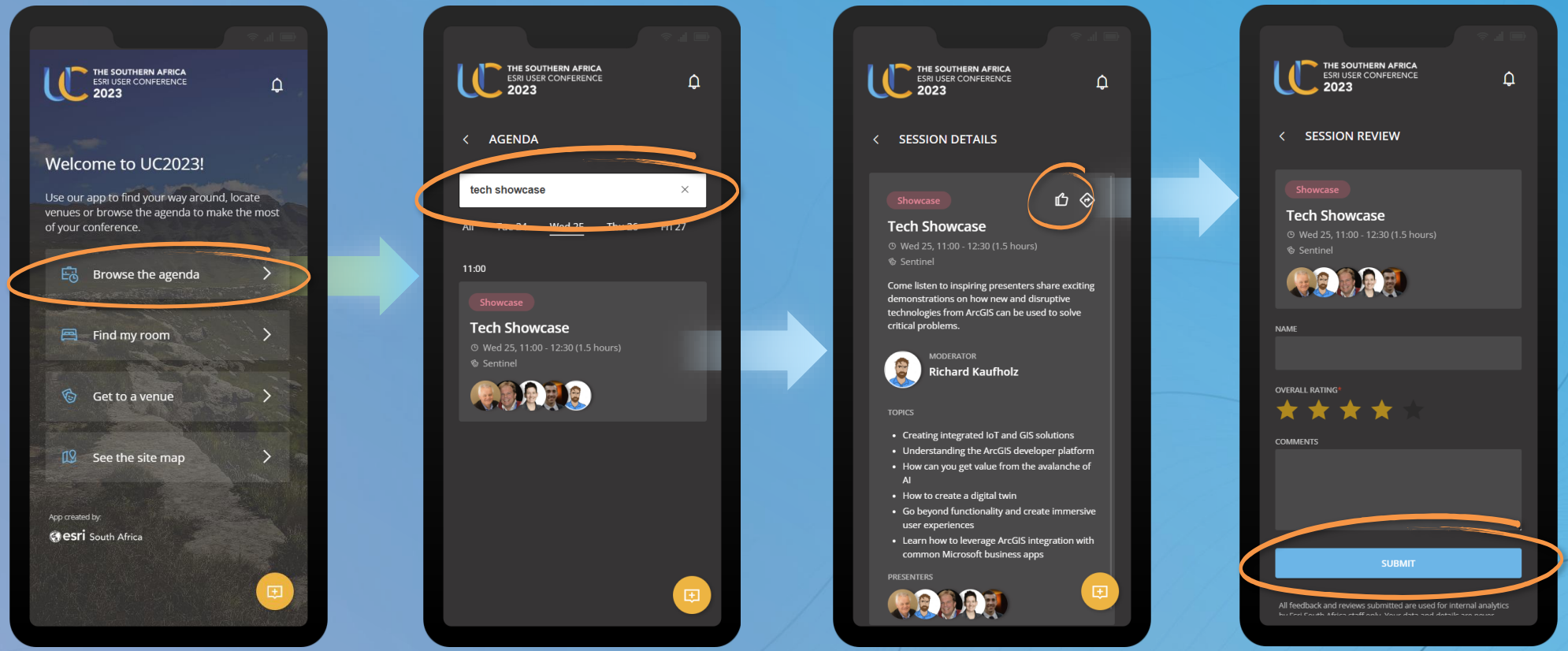
Click the “thumbs up” icon

Complete and submit your review