

## 360blue

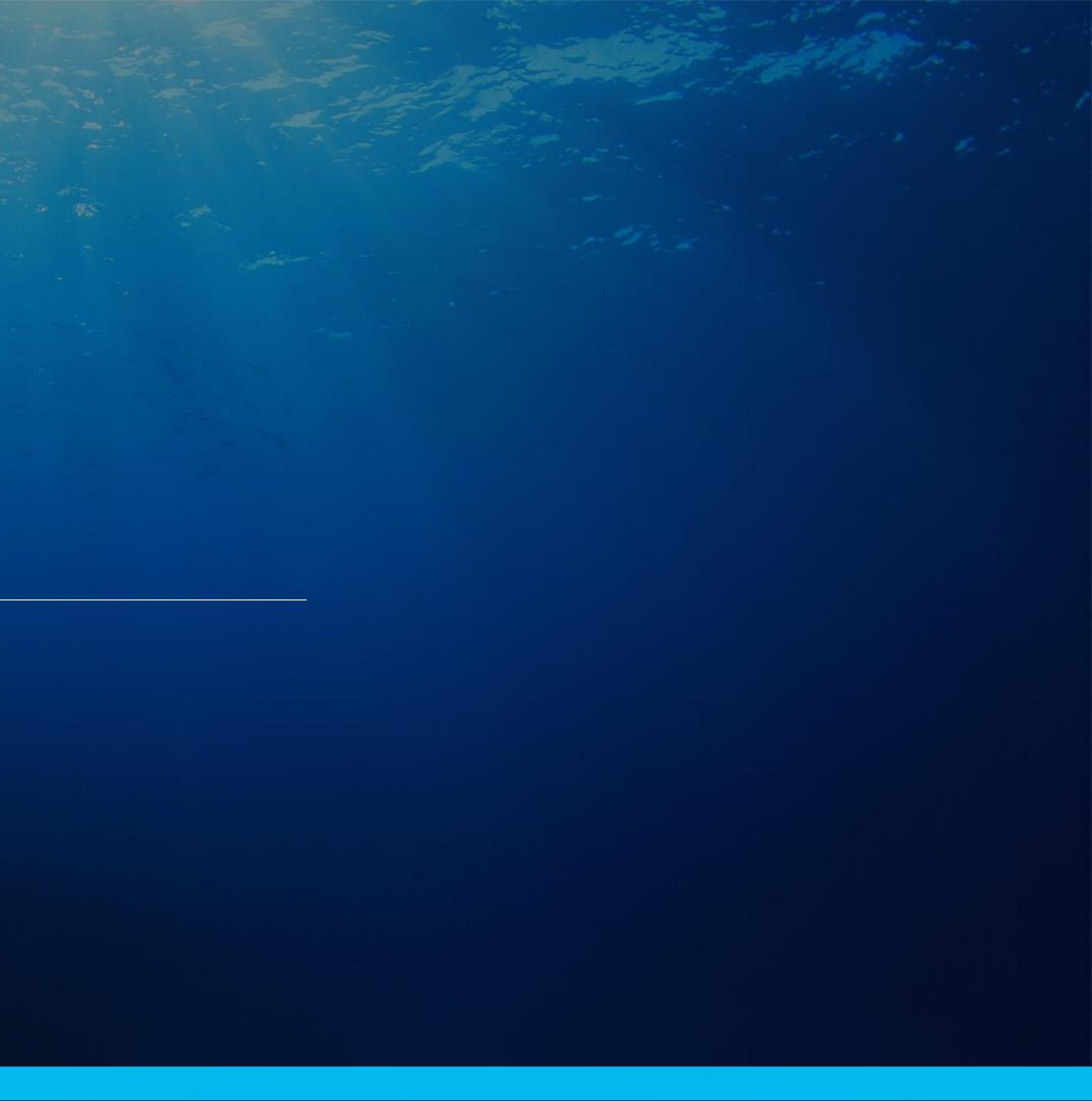
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Topic 01 – Introduction 52impact
Topic 02 – Explanation of 360blue
Topic 03 – Technologies and enablers
Topic 04 – Demonstration





Development and commercial exploitation of services based on satellite data and other geodata.

## Mission:

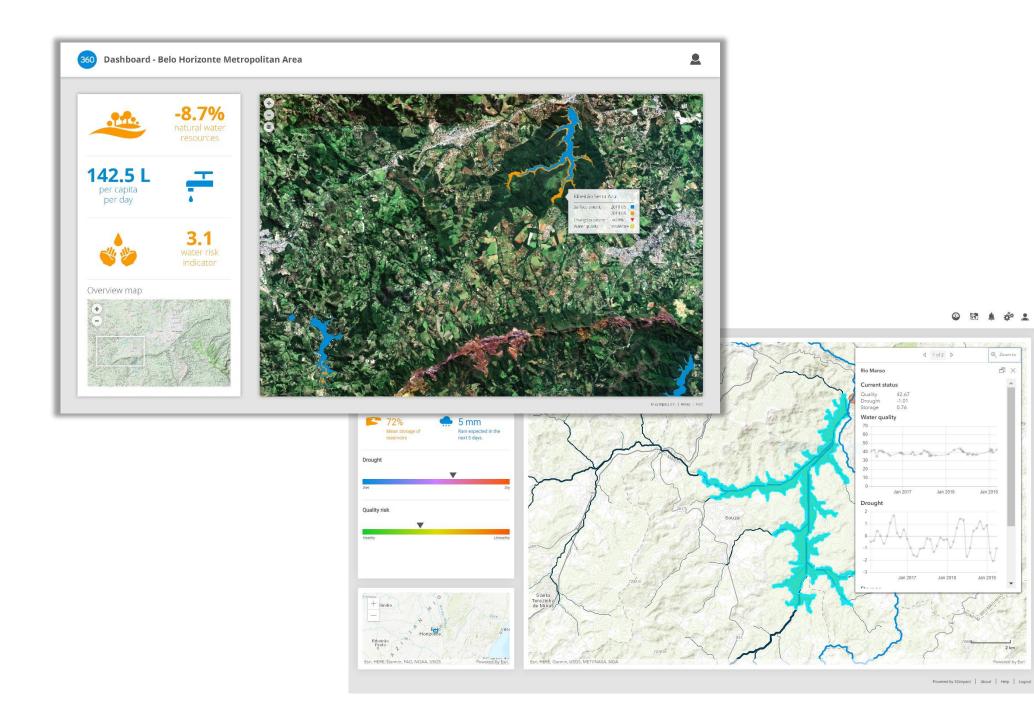
Make existing geodata- and space technologies accessible to new markets

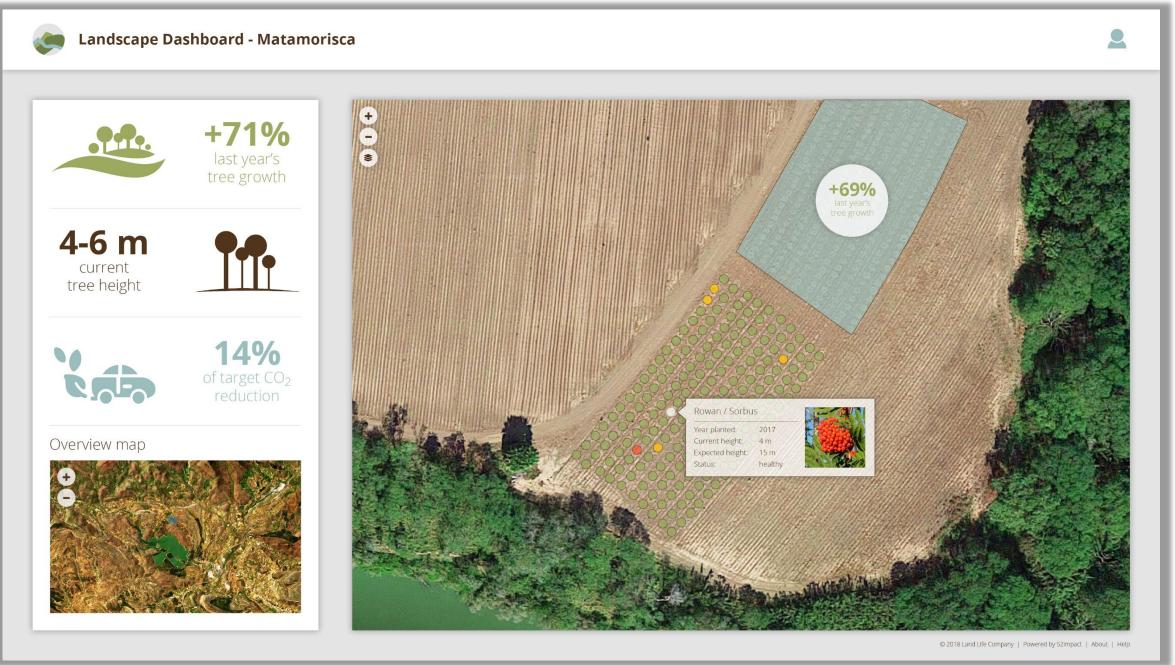
Focus on Sustainability





- Geo- and space technologies | Data processing and analysis | Software
- UX/UI | Visualisation and presentation
- Technical communication | Commercial exploitation of technologies







- Population growth, changing lifestyle patterns, rapid urbanization and industrialization, as well as climate change, place unprecedented pressure on limited water supplies
- Consequences: declining amounts of drinking water, less water availability for sanitation, crop loss, shortage of water input for the food and beverage sector
- Governments and industries struggle to determine how to effectively manage water resources
- Accurate and reliable data is key for water management!

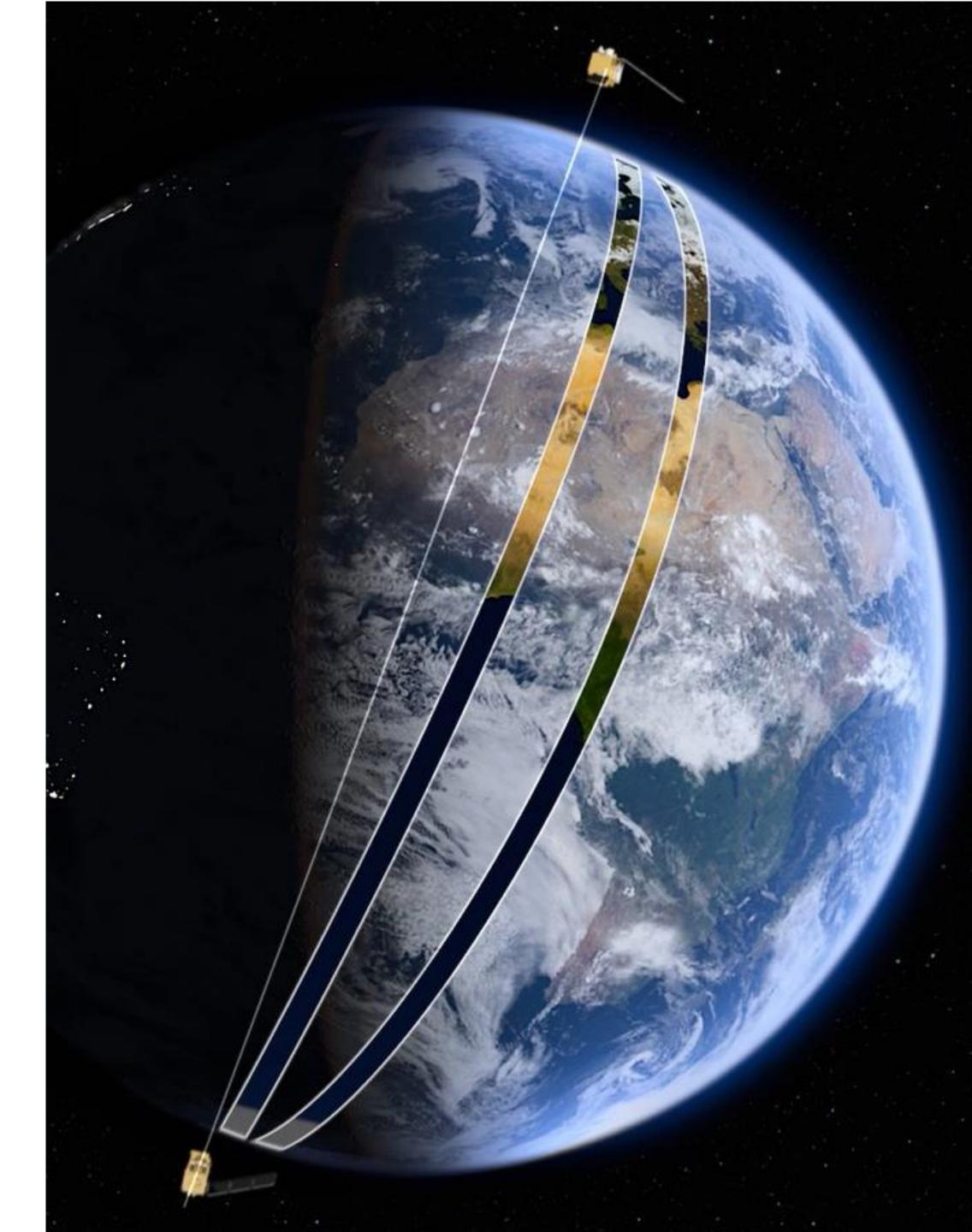




360blue is an information and software suite to determine water related risks, support optimization of water management, and asses water footprints

## **Characteristics**

- Accurate and dynamic information
- Integration of multiple data sources
- Integration of historical (since 1984) and current data to provide trend analysis and alerts
- A dashboard that turns complex data into valuable insights
- Customized to the specific needs of the users
- 360blue can be deployed for any region worldwide
- All information can be accessed through an easy to use online portal





## Technologies to tackle water challenges

Satellite imagery:

- Multi-spectral data
- Radar data
- Temperature data

Internet of Things technologies

- Point data
- Connectivity of sensors

Integration of data:

- Machine learning
- Cloud based solutions





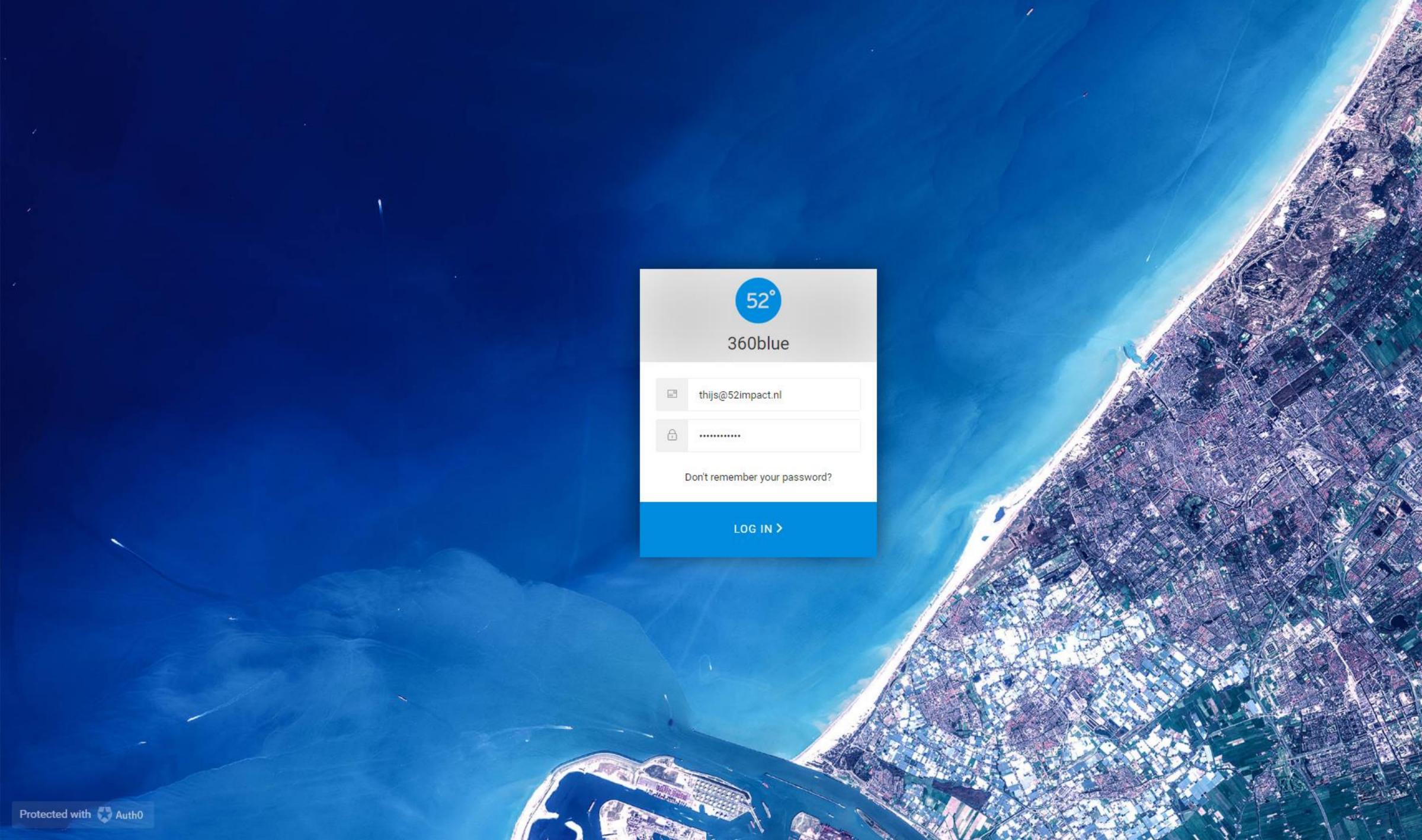
The combination of cloud computing, machine learning and satellite imagery enables the cost efficient provision of reliable water information

Water scarcity is higher on the political agenda, which makes it more of a priority for governments.

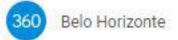
Access to water is a major concern for companies that use water for their production. There is an increase in awareness that water related problems cannot be solved by individual companies alone. Collaboration between stakeholders is key.



## Demonstration





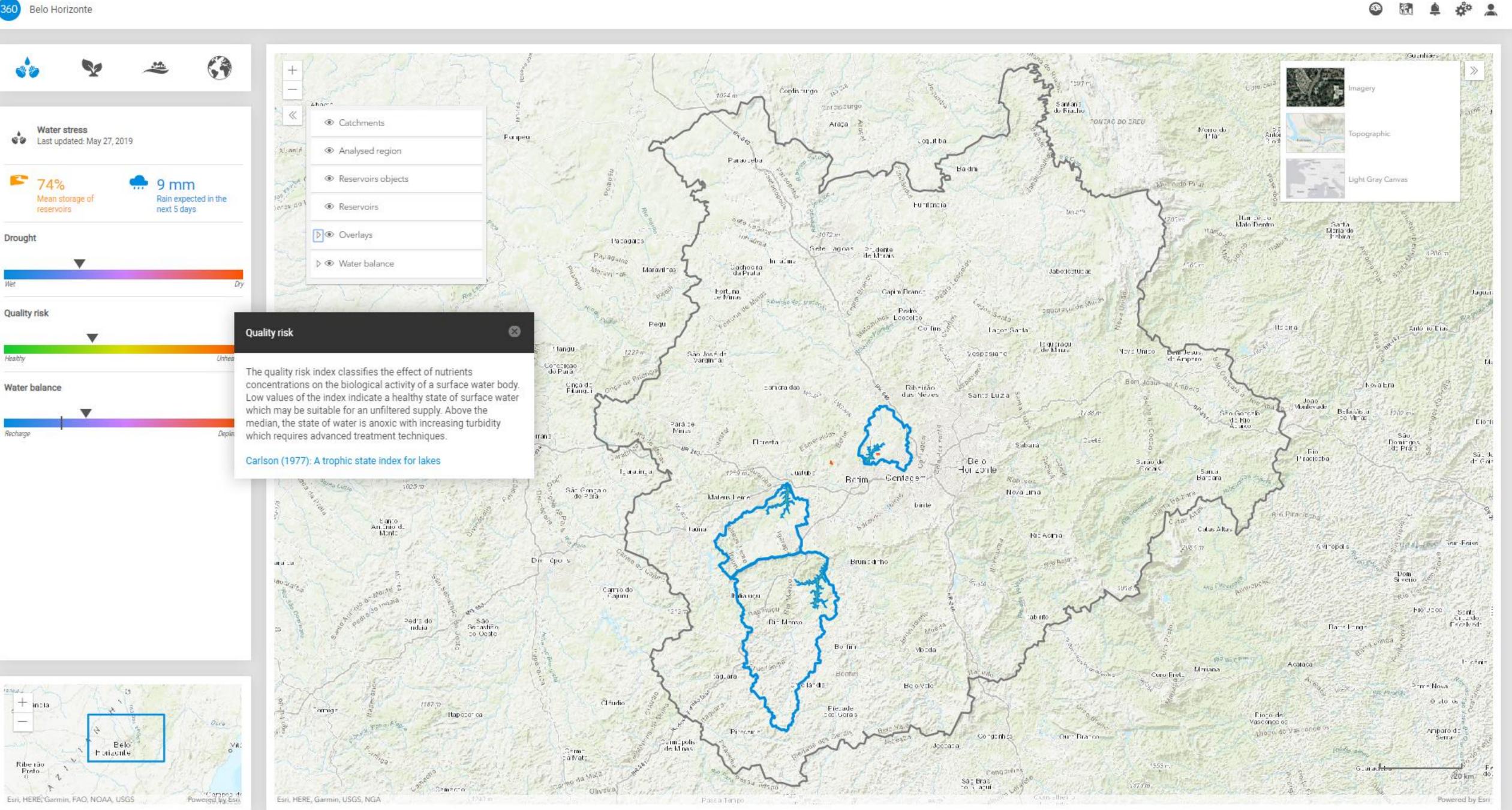


Water stress Last updated: May 27, 2019		Last updated: Apr 2	7, 2019
Risk indicator		Risk indicator	
Wer	Dη	Healthy	Unhealthy
Landscape Last updated: Jul 10, 2019		Context Last updated: Jul 10	), 2019
Landscape Last updated: Jul 10, 2019 Risk indicator			1, 2019











Belo

Horizonte

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Esri, HERB, Garmin, FAO, NOAA, USGS

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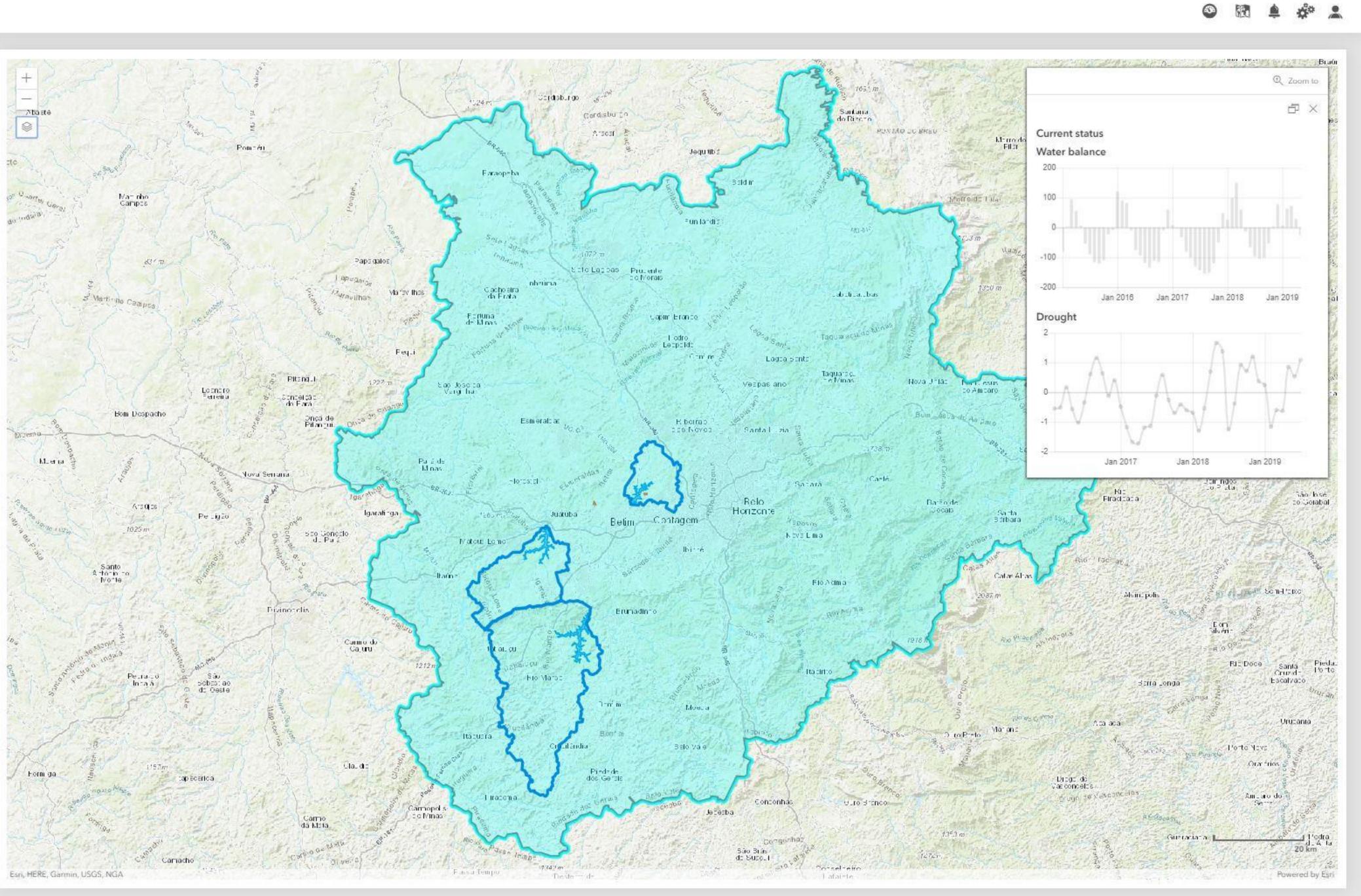
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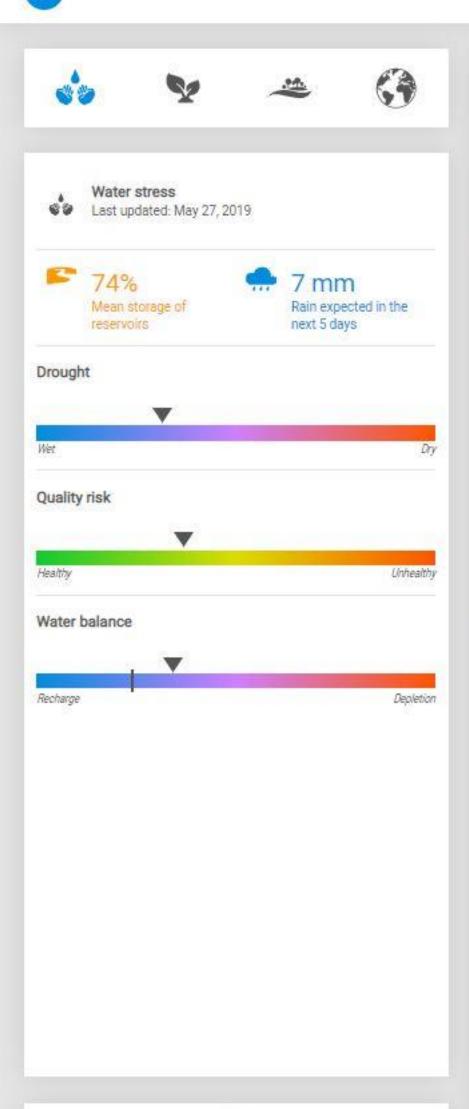
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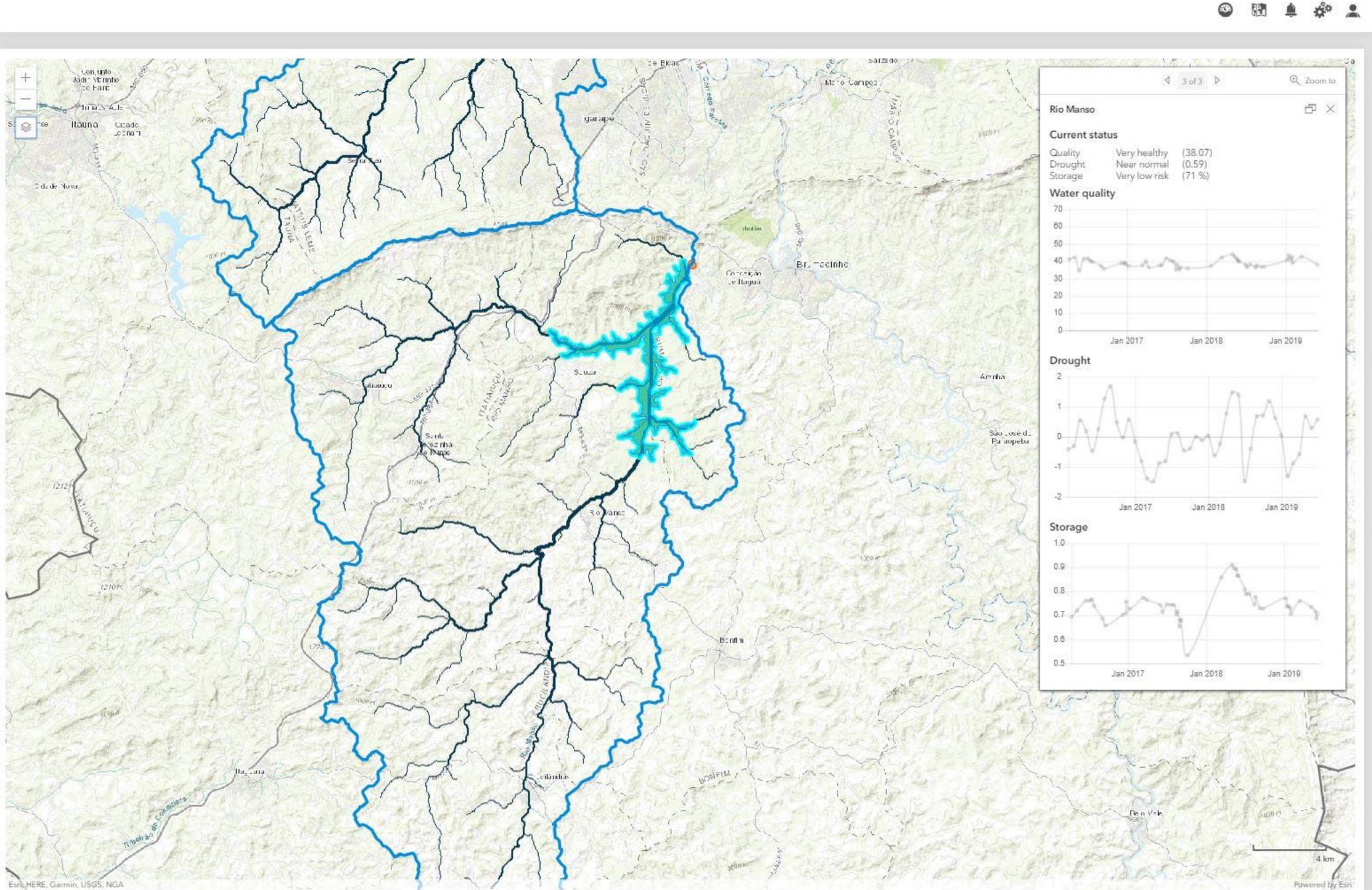
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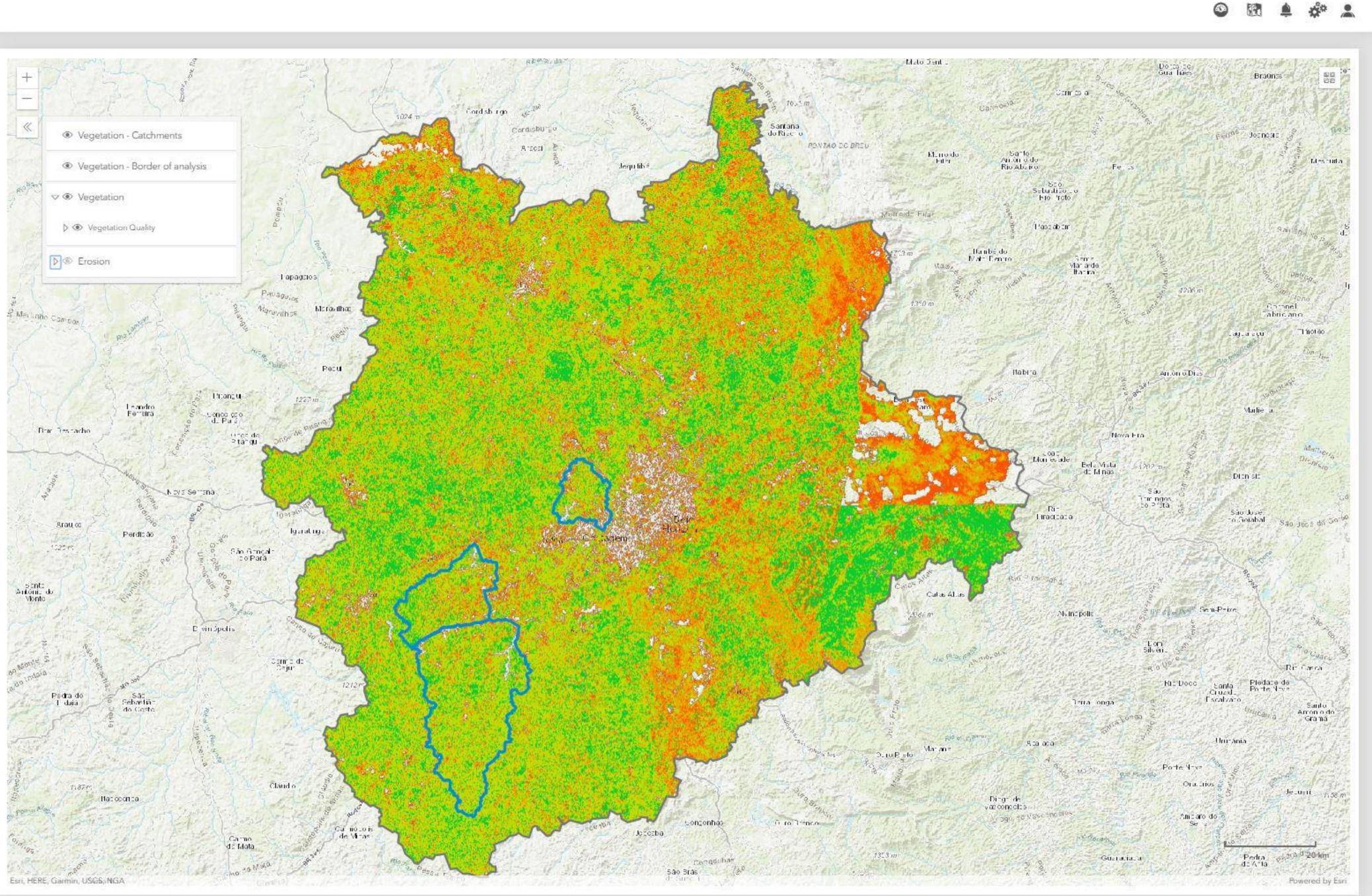


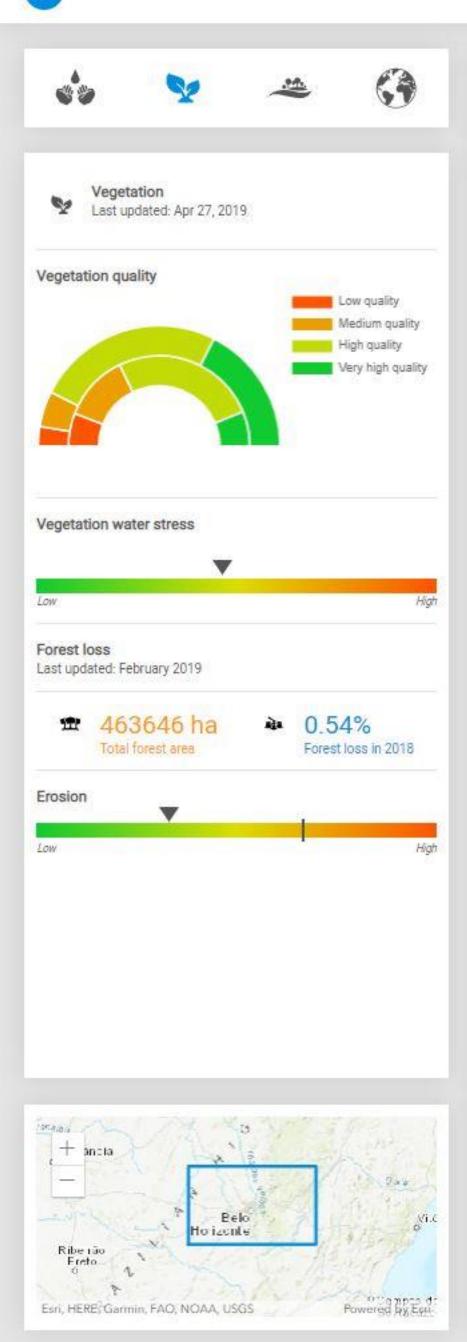




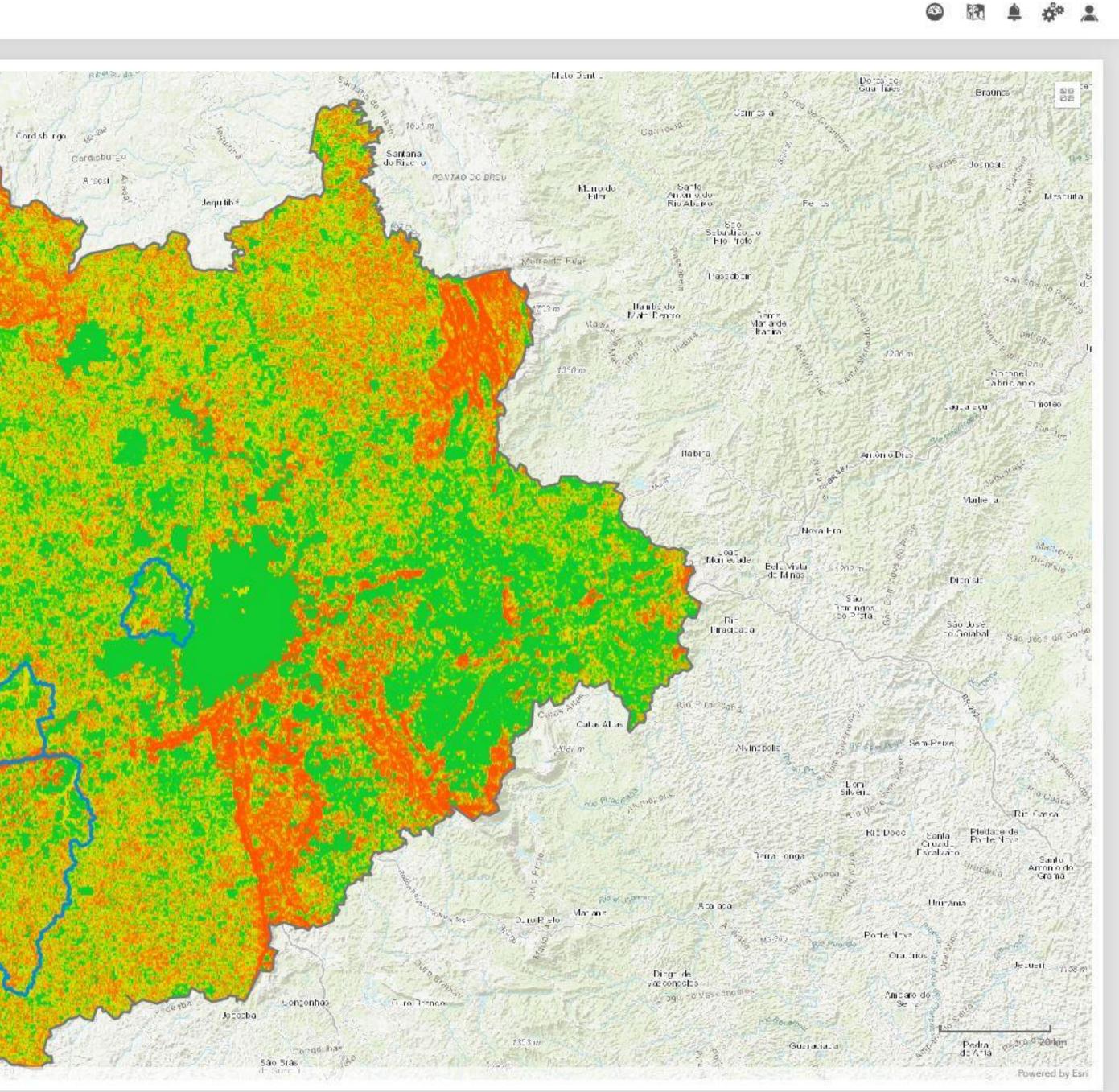




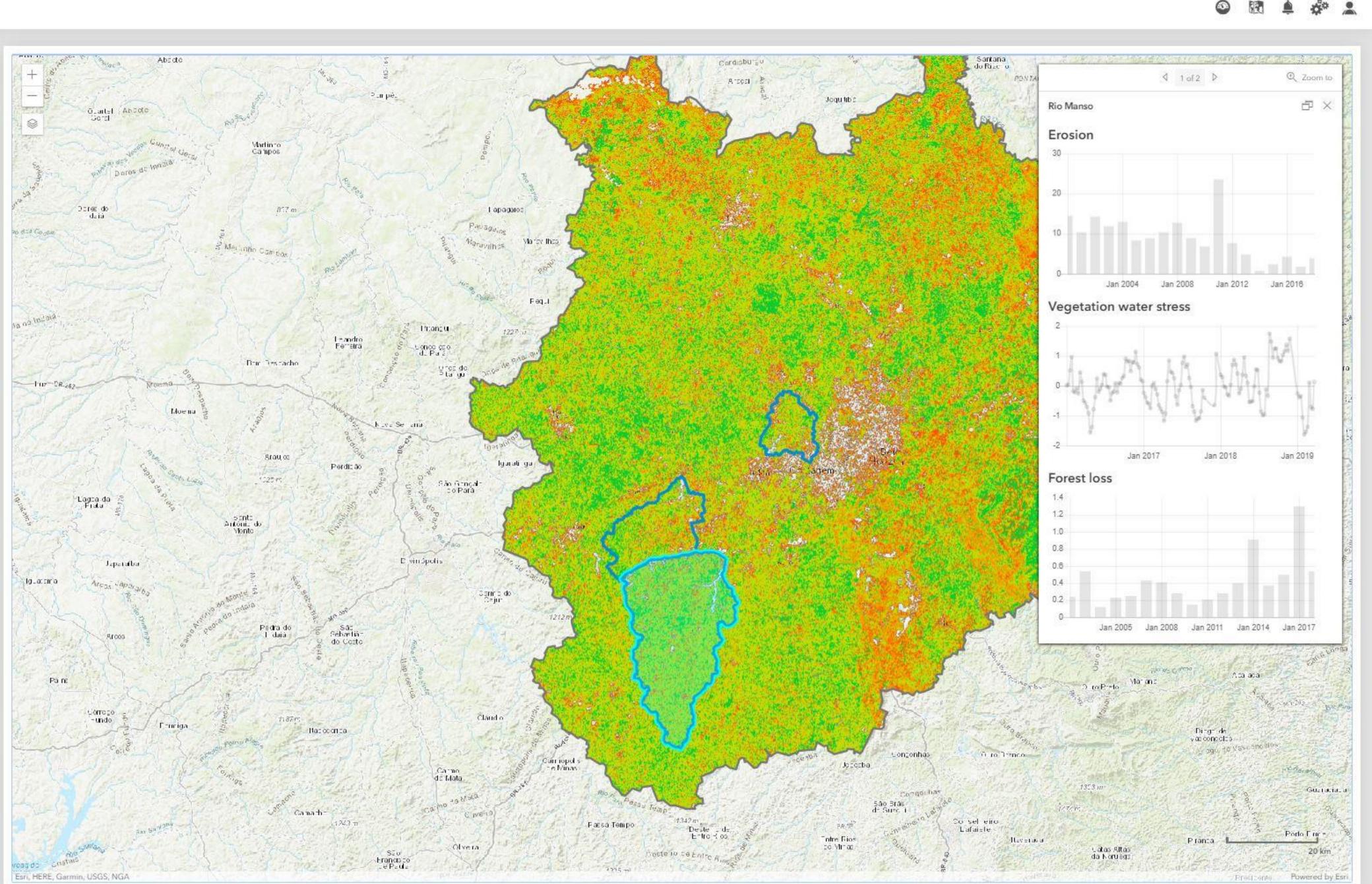




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## **Social Networks:** #WaterFunds



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# SUMMIT OF WATER FUNDS THERE'S NO WATER TO WASTE

