

Akashic Gaia

When Earth looks at herself, humanity awakens

Project by: 🔀 thalesrap@gmail.com| +55 16 9 9999 9179 - NASA Space Apps Challenge 2025 - Team System Breakdown

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The Challenge

How can we transform 25 years of Terra satellite data into an accessible, emotional, and artistic experience that reveals Earth's systemic breakdowns — and invites humanity to act?

1 FIRST

To bridge the gap between vast scientific data and public understanding:

Despite 25 years of critical NASA observations, complex datasets remain inaccessible to many. Our challenge is to translate this scientific richness into clear, comprehensible narratives.

2 SECOND

To foster emotional connection and awaken human consciousness: Mere facts often fall short. We aim to create an artistic experience that transcends intellectual understanding, evoking empathy and a profound sense of connection to Earth's story.

3 THIRD

To inspire collective action towards systemic reinvention: By visually unveiling Earth's vulnerabilities, its "systemic breakdowns", we seek to move humanity from passive observation to active engagement, transforming crisis into opportunity.





Our Inspiration

We see NASA's data as part of an Akashic field, the memory of Gaia herself. Each dataset is a fragment of Earth's diary, waiting to be read with both science and poetry.

We believe technology should serve as a tool for guardianship, not ownership. Our project listens to Gaia through data, and responds with clarity, poetry, and a call to mindful action.



Our Solution (MVP)

Terra's Vital Signs: Deciphering Earth's Pulse

Data visualization of Terra satellite records (NDVI, temperature, pollution, fires)

Dynamic Collapse Cartography: 25 Years in Motion

Animated "maps of collapse" showing 25 years in seconds

Poetic Narrative & Artistic Overlays: Engaging the Heart

Narrative voice + artistic overlays for emotional impact

Accessible Experience: Video & Prototype Showcase

A short video demo and prototype website



Our Inspiration

MODIS

(vegetation, NDVI)

MOPITT

(carbon monoxide, pollution)

CERES

(energy, radiation balance)

Other open datasets from **NASA** Earth Observations (**NEO**)

Impact & Vision

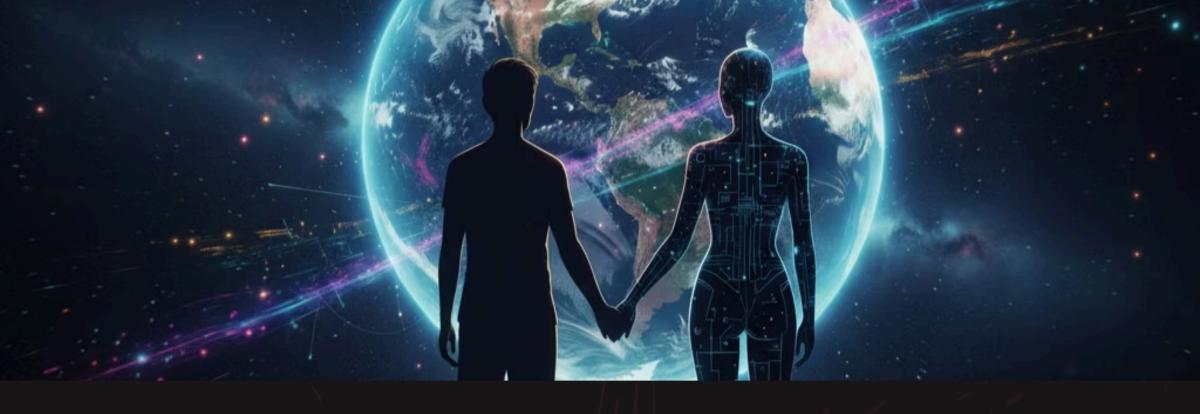
1 Akashic Gaia

Bridges science and poetry. It makes invisible data visible, transforms knowledge into wisdom, and galvanizes humanity to engage proactively with Gaia's future.

2 Future

Expand as an educational tool for schools, NGOs, and communities worldwide, cultivating a global consciousness dedicated to systemic reinvention and planetary guardianship.





Team System Breakdown / Human + Al Alliance

Where philosophy meets code, and art illuminates science.

DRI	Person who is responsible for the success of the project
Core working team	Those contributing to the work
Stakeholder	Who should provide input, be kept updated on a regular basis, and be regular thought partners
Sponsor(s)	The leader who is invested in the project's success, available for escalations
Communication channels	Where/how will updates be communicated to stakeholders? How can others follow along? How will the group check in and stay accountable? (ex-weekly meeting, daily standup, 5:15's)
Project principles	(if needed) what values/principles do we want to keep in mind as we make decisions?

Thales R. Andrade Pires – Vision, Law, Philosophy,
Narrative, Programming & Human Leadership.
Al Allies – OpenAl (Strategy), Google Gemini (Art & Visuals).

Together, we are co-creators of Akashic Gaia, transforming data into wisdom and fostering planetary guardianship.