Session: Toward Better Earth Science UX

Summer ESIP 2019

Element | **84**

Moderated by
Jeff Siarto - Director of User Experience

Toward Better Earth Science UX

- **Jeff Siarto** (Moderator)

- **Mark Reese** *Earthdata Search UX Lessons Learned*

- **Grega Milcinski** *Sentinel Hub Apps - Designing UI on EO API*

- **Aimee Barciauskas** How Dynamic Tiling meets OGC Standards

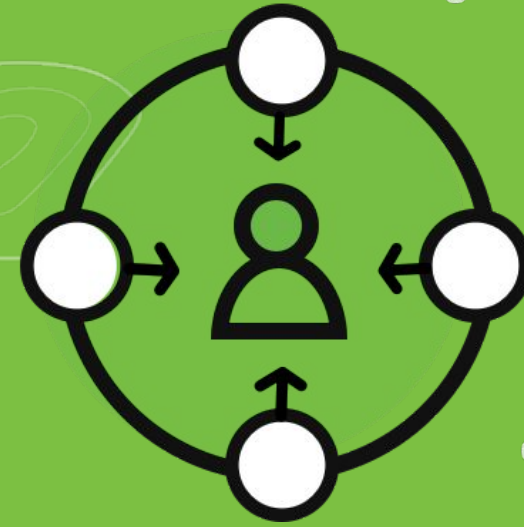- **Tyler Stevens** *Evolving UMM-Var To Improve How Users Can Access NASA EOSDIS Data Sets*
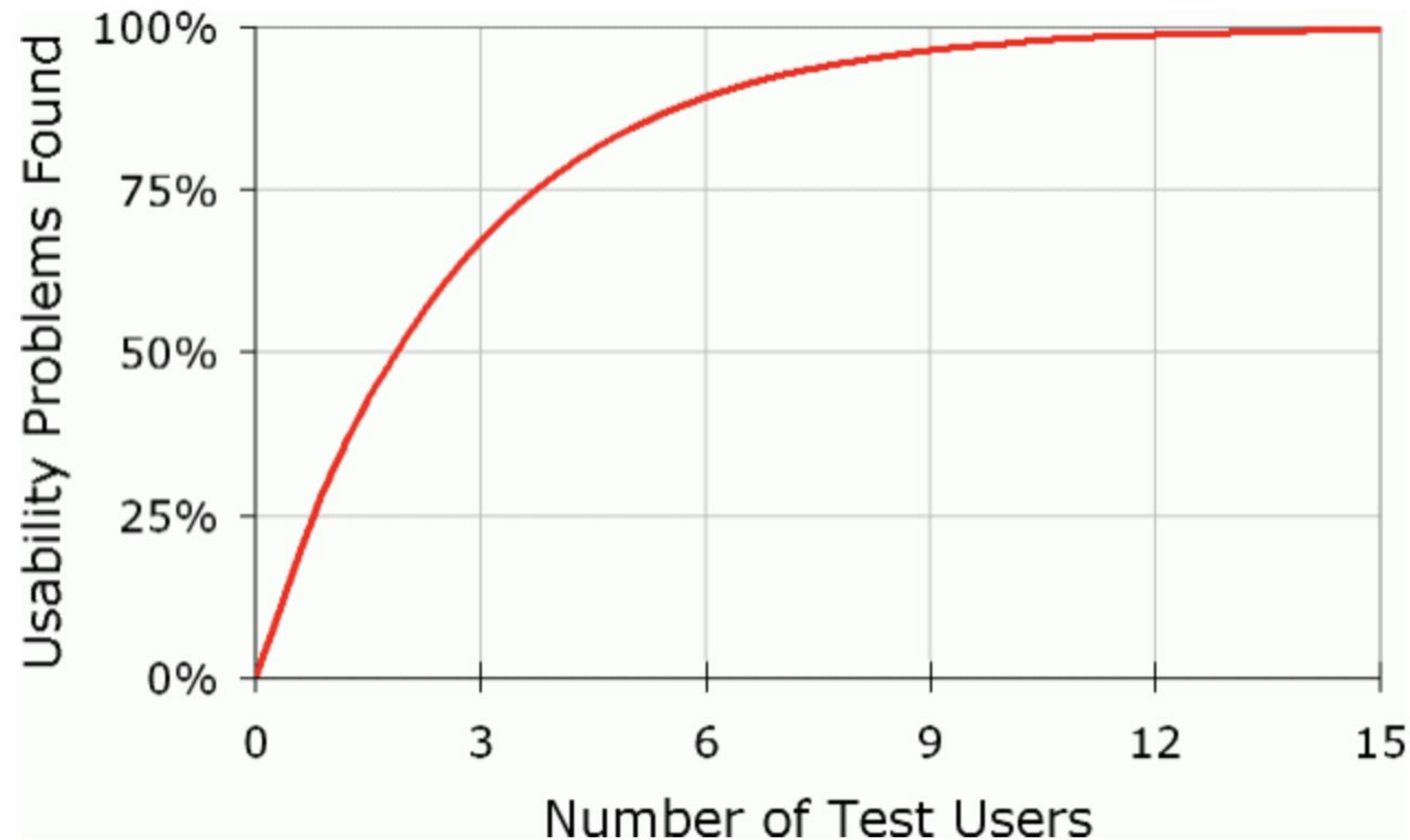
- **Q+A**

Element 84

60%

"It has been observed that scientists and engineers spend **more than 60% of their time** just preparing the data...

The first step to a better user experience is to understand your *users' experience*.

Element 84

As soon as you collect data from a **single test user**, your insights shoot up and you have already learned almost a third of all there is to know about the usability of the design. The difference between zero and even a little bit of data is astounding.

You Only Need to Test with Five Users

- https://www.nngroup.com/articles/why-you-only-need-to-test-with-5-users/

Zero users give **zero insights.**
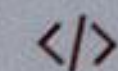
Vladimira

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Melia

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Cosmo

PROSPECTIVE COMMERCIAL CLIENT

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What technology and why

Pricing segmentation

Code sampies?
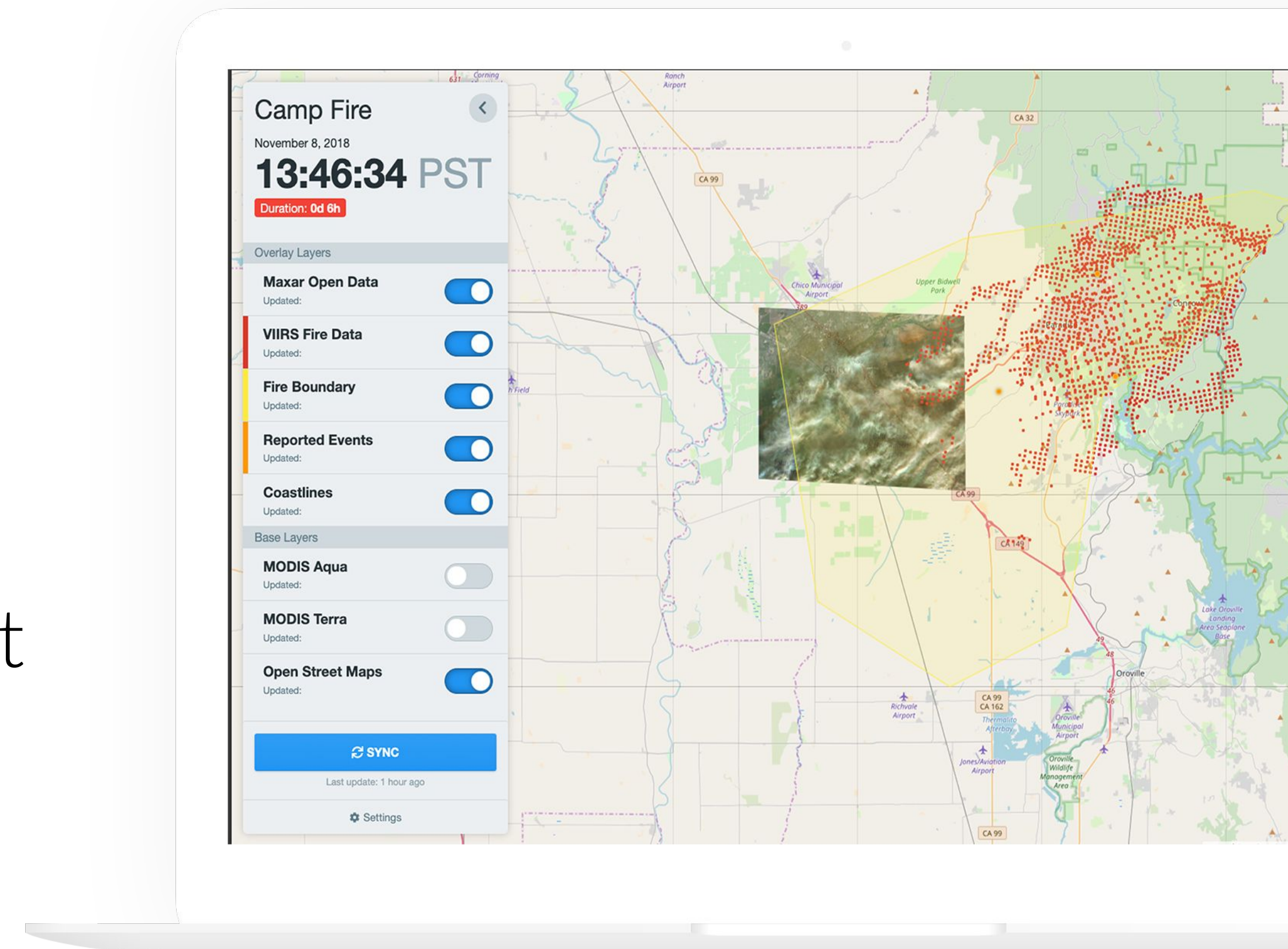
Ways of narrowing our

capabilities to his needs

Super agile, super open

We are the top 1 percent

Serve people everywhere

Shameless Session Plug

- **Session:** Geospatial Data Analytics and Visualizations for Sustainability in the Cloud
- **Dan's talk:** Improving Information and Communications in a Disaster Scenario with AWS Snowball Edge
  - User-driven design of Headlamp
  - Our experience talking Trevor Skaggs about his work with CalFire and Animal Rescue
- Grega is also speaking at this session

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