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
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*. 
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/](https://www.nngroup.com/articles/why-you-only-need-to-test-with-5-users/)
Zero users give zero insights.
Vladimira

Melia

Element 84

Cosmo

PROSPECTIVE COMMERCIAL CLIENT

What technology and why
Pricing segmentation
Code samples?
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
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