Pixels to Answers

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Earth Observations
Enormous Satellite Data Archives

Cloud Infrastructure to use it
“Often it turns out to be more efficient to move the questions than to move the data.”

-Jim Gray (1944-2007)
Make substantive progress on the world's biggest challenges
Earth Engine is part of “what’s next” from Google
Earth engine is a platform for change detection, monitoring and analysis at scale.

High value for organisations that have operations, land holdings or interests that are geographically significant or diverse.

What can Earth Engine do?

Get an image

Pick your: projection, resolution, bands, bounding-box, visualization.
What can Earth Engine do?

- Get an image
- Apply an algorithm to an image
- Filter a collection
- Map an algorithm over a collection
- Reduce a collection
- Compute aggregate statistics
200 Radio Stations
100 Media Outlets
10 TV Stations

200k Users
130 Countries
3m web requests in first 2 days
Buildings in Maskelyne Community

Currently Inundated by High Tide

150

Inundated at High Tide by 2100

475

680 Buildings in Maskelyne Community

21/11/2018
Timelapse

Timelapse is a global, zoomable video that lets you see how the Earth has changed over the past 32 years. It is made from 33 cloud-free annual mosaics, one for each year from 1984 to 2016, which are made interactively explorable by Carnegie Mellon University CREATE Lab's Time Machine library, a technology for creating and viewing zoomable and panable.
Make informed decisions with Geospatial
Google

Thank you
thank you
thank you cards
thank you quotes
thankyou water

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