

The background of the slide is a photograph of a waterfall in a dense, green forest. The water flows over mossy, grey rocks, creating white foam. Sunlight filters through the trees, illuminating the scene.

2016-11-09 JICA NSDI Seminar
2016-11-14 SSGCC

Geospatial Infrastructure and Open Innovation

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GSI International

Photo by Junkichi Egashira, licensed under CC BY 4.0 International

Hello



Hidenori
FUJIMURA

hfu

- github.com/hfu
- [facebook](#)



Geospatial Information Authority of Japan (GSI)

3

We're Japan's National Geospatial Information Authority



coordination

ownership

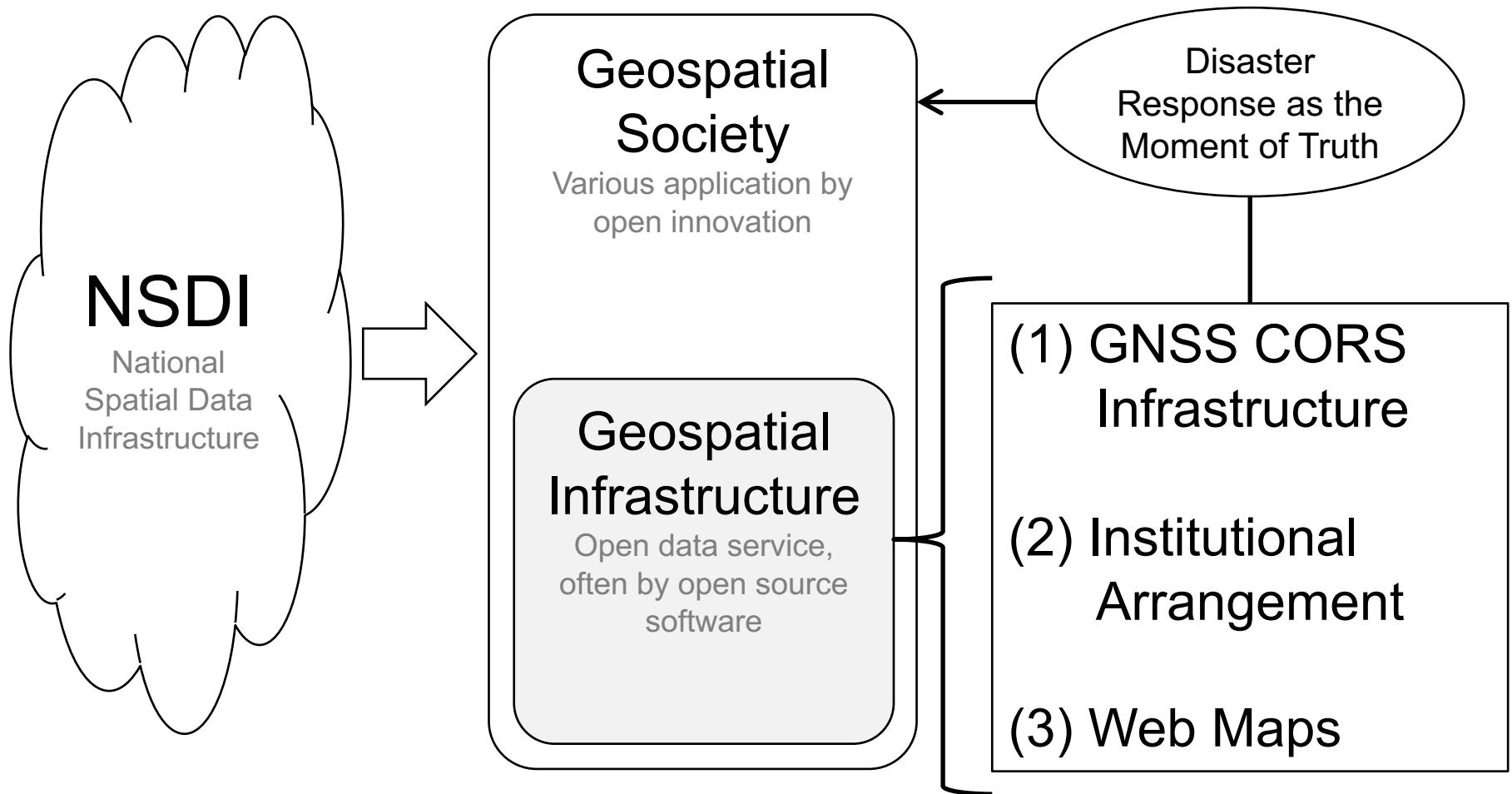
involvement

coordination

- (to be filled out later)

ownership

we broke down our contribution to NSDI into 3 components.
ownership and **involvement** matters, to implement NSDI.



involvement

We involve ourselves and our partners in:



➤ Open Data

- We follow the Open Data Policy of the Government of Japan (compatible with CC-BY)
- In addition, Survey Act applies to core data.

➤ Open Source

- We use Open Source for lowering running cost and for promoting development of domain-specific applications.
- We also develop open source software available at GitHub.

➤ Open Innovation

- We run a community of geospatial developers who use our data – GSI Maps Partner Network.
- We participate in existing community events such as FOSS4G Tokyo/Kansai, Code for Japan Summit, and GitHub Universe.

We import great open source software developed also in Ukraine

<http://maps.gsi.go.jp/>

Our geoportal “GSI Maps” provides approximately 1,600 layers as tiles or GeoJSON files.



<http://bit.ly/tokyo-vt>

Global Map data in binary vector tiles, to promote wider application (in development.)



Leaflet/Leaflet

 JavaScript library for mobile-friendly interactive maps

JavaScript ★ 16,466 ⚡ 2,822



Vladimir Agafonkin
mourner

mapbox/mapbox-gl-js

Interactive vector maps in the browser, powered by WebGL

JavaScript ★ 1,314 ⚡ 279

"code sharing" to promote governments' business

<https://github.com/gsi-cyberjapan/gsimaps>

gsi-cyberjapan / gsimaps

Code Issues Pull requests Projects Wiki Pulse Graphs Settings

The source of GSI Maps (<http://maps.gsi.go.jp/>) — Edit

473 commits	1 branch	0 releases	2 contributors	BSD-2-Clause
Branch: gh-pages	New pull request	Create new file	Upload files	Find file
johofukyu Update layers2.txt ...				
css	Remove files under consideration	5 months ago		
image	Update layers0.txt, Add errorTile-Images	7 months ago		
js.lib	Update leaflet.draw-gsi.js	2 months ago		
js	Update index_3d.js	12 days ago		
layers_txt	Update layers2.txt	3 days ago		
.gitattributes	Add .gitattributes	7 months ago		
CONTRIBUTING.md	Update CONTRIBUTING.md	a year ago		
LICENSE	Update LICENSE	a year ago		

<https://github.com/globalmaps-vt/demo>

globalmaps-vt / demo

Code Issues Pull requests Projects Wiki Pulse Graphs Settings

No description or website provided. — Edit

6 commits	1 branch	0 releases	1 contributor	Unlicense
Branch: master	New pull request	Create new file	Upload files	Find file
Hidenori FUJIMURA update				
mapboxgl	update	3 days ago		
LICENSE	Initial commit	18 days ago		
README.md	Update README.md	17 days ago		
make.rb	update	3 days ago		
README.md				
demo				

the WHITE HOUSE PRESIDENT BARACK OBAMA

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The People's Code – Now on Code.gov

NOVEMBER 3, 2016 AT 7:00 PM ET BY TONY SCOTT

[Twitter](#) [Facebook](#) [Email](#)

Summary: Today we're launching Code.gov so that our Nation can continue to unlock the tremendous potential of the Federal Government's software.

Over the past few years, we've taken unprecedented action to help Americans engage with their Government in new and meaningful ways.

Using Vote.gov, citizens can now quickly navigate their state's voter registration process through an easy-to-use site. Veterans can go to Vets.gov to discover, apply for, track and manage their benefits in one, user-friendly place. And for the first time ever, citizens can send a note to President Obama simply by [messaging the White House on Facebook](#).

An official website of the United States Government

code_

Explore Code Policy Info

By Agency

NASA

earthdata-search

Earthdata Search is a web application developed by NASA EOSDIS to enable data discovery, search, comparison, visualization, and access across EOSDIS' Earth Science data holdings.

[Homepage](#) [Visit Repo](#)

Highlights

Language
This repo is built in Ruby.

License
This repo uses the [Apache v2 license](#).

- coordination
- ownership
- involvement

Let's involve everyone and each other in order to catch up with technology trend, for wider and better application of our geospatial information.