

## Notes from VGI Tech II

Lead by Brady Forrest

Ideas:

True Volunteered Geographic Information (VGI) from loopt, flickr, linkedin, twitter,  
Managing change across multiple Open Street map (OSM) stacks - create a government instance of OSM

(Resyncing from Tech I session):

Can't use OSM directly because OSM license is more restrictive than TNM - reason for OSM copy unless there was a way to manage licenses in OSM and even then simple changes under Open Database License (ODBL) would impact features.

Federated Identity:

How to manage users and identity across OSM stacks?

Talbot:

Identity/License is issue with bulk imports from smaller government/NGOs

What about performance bottlenecks?

Talbot:

What is *The National Map*?

What if, for instance, a utility wants to share things like buried utilities?

Dan Sui:

Industry group - metaverse webmap report (?) - geospatial stuff part of metaverse

Mirror world

Simulated World

Augmented Reality

Life Login

TNM is mirror world, how can the other three worlds be brought into the picture?

Should we look beyond the *The National Map* charter?

Mirror World is growing faster: Facebook is growing faster than SecondLife

Beyond OSM stack idea: What in general is needed to allow data coming in though other websites?

Oauth/OpenID?

Dan Sui: Twitter used by Tehran protestors but also used by Iranian Government to track down protestors

Eric Wolf: Identification is another legal minefield for government agencies

Andrew Turner: OpenID can be opted out of...

Talbot: Using OpenID has lower investment costs

Doug Neibert: Credentials not needed for use, just contribution

Talbot: Is OID or Oauth recognized standards?

Dalia: Morgan has been asked about this, but not made requirement (standards necessary)

Andrew: Both OID and Oauth are in review by W3C

Talbot: Versioning? User Properties will impact versioning?

How fine-grained does the rollback capabilities need to be?

Andrew: Not necessary because we won't need to go back six months and make minute changes.

Brady: Does USGS have access to the Twitter firehouse?

Talbot: What is the desire of the USGS/DOI/etc to really do cutting-edge mapping?

Doug Neibert: Mapping at USGS was historically focused on basemapping

Talbot: Policy level? Who is lead for geospatial data? DHS?

USGS has "reinvigorated" mission to produce spatial data and integrated datasets

Talbot: Institutional knowledge at USGS is still really valid and makes a desirable home for newer mapping initiatives

Interesting technology questions? Cartographic research?

Greg: Things like symbology are figured out as we go

Greg: USTopos are like old maps, dynamically produced

41minutes...

Back to hard-nose volunteer question...

Experience with volunteers is fear of technology

Game mechanics helps with fear

How to build groups? Group pride?

Who else is changing what?

Connected communities - like geocache, localized groups self-construct

Mechanical Turk: Ways of doing "paid" VGI - really cheap

Keith Clarke: Crazy idea: real-time map for need for updates...

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