

Web platforms and open source tools for large scale forecasting and monitoring

Jim Nelson, Alan Snow, Nathan Swain, Michael Souffront

- www.tethysplatform.org
- What feedback did you get from users?
 - They like that it is open source
 - Some places don't have the resources to set up their own portal, so they rely on BYU
- Barriers
 - For a user, speed of the application is critical
 - Need good coding practices and hardware to support these applications
- Any instances set up in local countries?
 - Difficult for people in local countries to keep it running as they don't have the expertise.
- This is a good solution for data sharing.
- Some users want front end applications and others want the data
 - REST API gives direct access to the data
 - Dynamic graphs and maps makes the front end application more useful for users
- Plans for long-term development?
 - Depends on the community.
 - It has grown a lot and the more the community grows, the more likely it will last long-term.
- Mobile/Tablet applications?
 - The best method is to develop an app specific to the platform.
 - The next best is to have one website that is dynamic.