GIS and Social Media @ Interior

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U.S. Department of the Interior
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MOGETHEOLIGI

lanage 1/5 of the Country's landmass and 1.7 billion acres of the Out continental Shelf

National Parks, Wildlife Refuges, Multiple Use Lands (BLM), Indian Reservations, Dams and Reservoirs

conservation, Energy Production and Transmission, Wildlife Protection ecreation, Science, Water Resources

















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oon national i nonology notwork

henology is the study of recurring plant and animal life cycle stages, chenophases, such as leafing and flowering of plants, maturation of gricultural crops, emergence of insects, and migration of birds. (Source SA-NPN)

lany events sensitive to climatic variation and change

henological observations help identify and understand environmental ends associated with climate change

ongstanding network of citizen observers here and abroad

ttp://www.usanpn.org/

citizen science is a term used for projects or ongoing program of scient or which individual volunteers or networks of volunteers, many of whom may have no specific scientific training, perform or manage resembled tasks such as observation, measurement or computation. (Sout likipedia)

lany citizen science projects involve the observation and reporting of atural phenomena such as animal or plant occurrences, weather onditions, and earthquakes

redates the Web (e.g., the Audubon Christmas Bird Count started in ocial media tools used increasingly to facilitate data collection and sh

llows observers to remotely collect data, including identity, location, a nages of taxa of interest

bservations are uploaded to the University of Chicago and the USAN

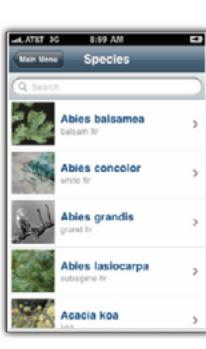
nages are sent to Flickr for storage and later use











USGS Earthquake Data Goes Social

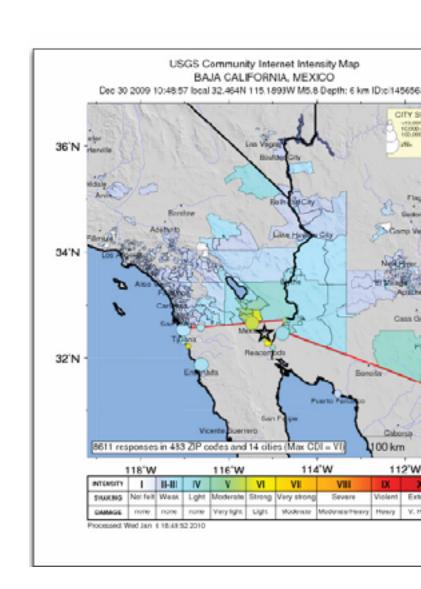
- ISGS Earthquake Hazards Program has responsibility for recording a eporting earthquake activity worldwide
- eismographs monitor, record, and transmit data about quakes as the ccur
- eviewed data are made available through onsite and third-party chan sing various traditional and social media tools including:
- Newsfeeds
- Twitter
- Maps (including Google Earth and Google Maps-based mashup)
- Gadgets and other Web Apps

been machape on the Wes

The public are encouraged to eport what they felt during an arthquake through a series of eb forms

Observations are combined with other sensor-derived data and plotted on maps showing umber of citizen responses, ocation, estimated intensity, and more

ttp://earthquake.usgs.gov/eart quakes/dyfi/



Extend the Reach of "Did You Feel It"

ISGSted: Prototype to facilitate uake reporting and tracking

witter-based

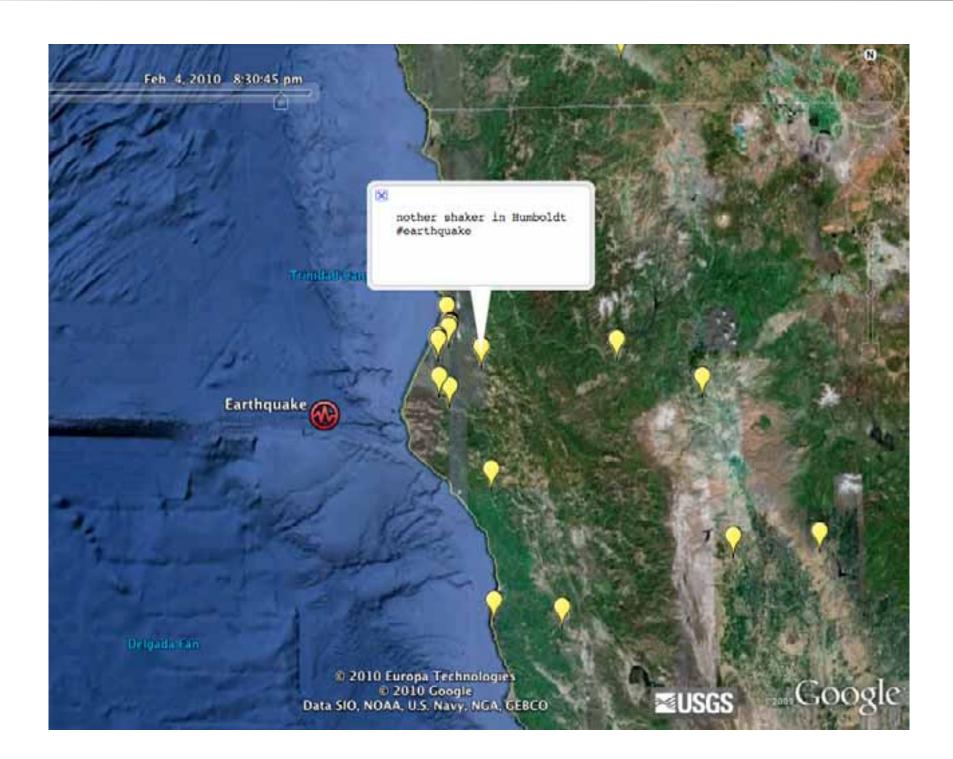
llows users tweets to be acked and analyzed

lanned iPhone App will allow ser to record their experience nd view mashups of others' esponses

ttp://twitter.com/USGSted



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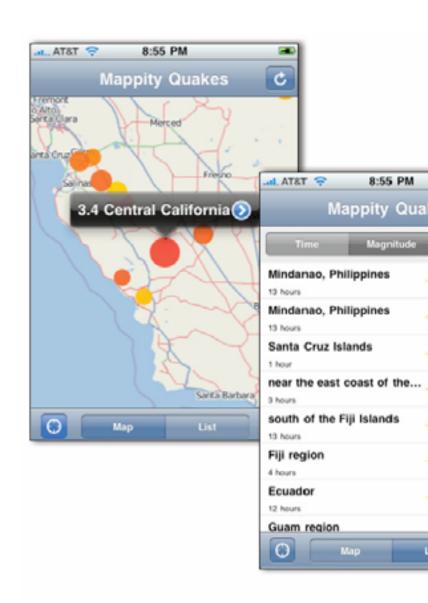
Mappity Quakes" iPhone App

hird-party re-use of USGS ata

Real-time" data and formation feeds harvested om Earthquake Hazards rogram

arthquakes in the last 24 ours worldwide

penStreetMap based view nd links back to supplemental ISGS information



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Gary Bremen on Biscayne National Park

Visited: 6-25-1972 | Submitted: 03-09-2009



When I was a little boy growing up in South Florida, I spent a lot of time at the Miami Yacht Club on Watson Island. While my dad and brothers were out winning salling championships, I stayed back ...

Read More



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Andy Reid on Glen Echo Park

Submitted: 03-02-2009



I love Glen Echo park. I've been going there since 1999 when I used to visit DC to go swing dancing. Every weekend, they have dancing there in their amazing Spanish Ballroom. Back then, the place ...
Road Mare

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- Energy Production
- Climate Change Information
- ntegrating GIS footprints into Web Content Management System
 - Requires geo-coding all new information (news articles photos, videos, podcasts) and enables easier access to location-based content.
- laking raw GIS data sets available for public use

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