

# *Geosciences Information Network (GIN)*

A partnership between  
U.S. Geological Survey &  
Association of American State  
Geologists



# Association of American State Geologists (AASG)

- State Geologists of the 50 United States and Puerto Rico
- Founded in 1908
- Seeks to advance the science and practical application of geology and related earth sciences



# Geosciences Information Network

Formally adopted – AASG, USGS (2007)

Collaboration with OneGeology, OneGeology-Europe (2007, 2008)

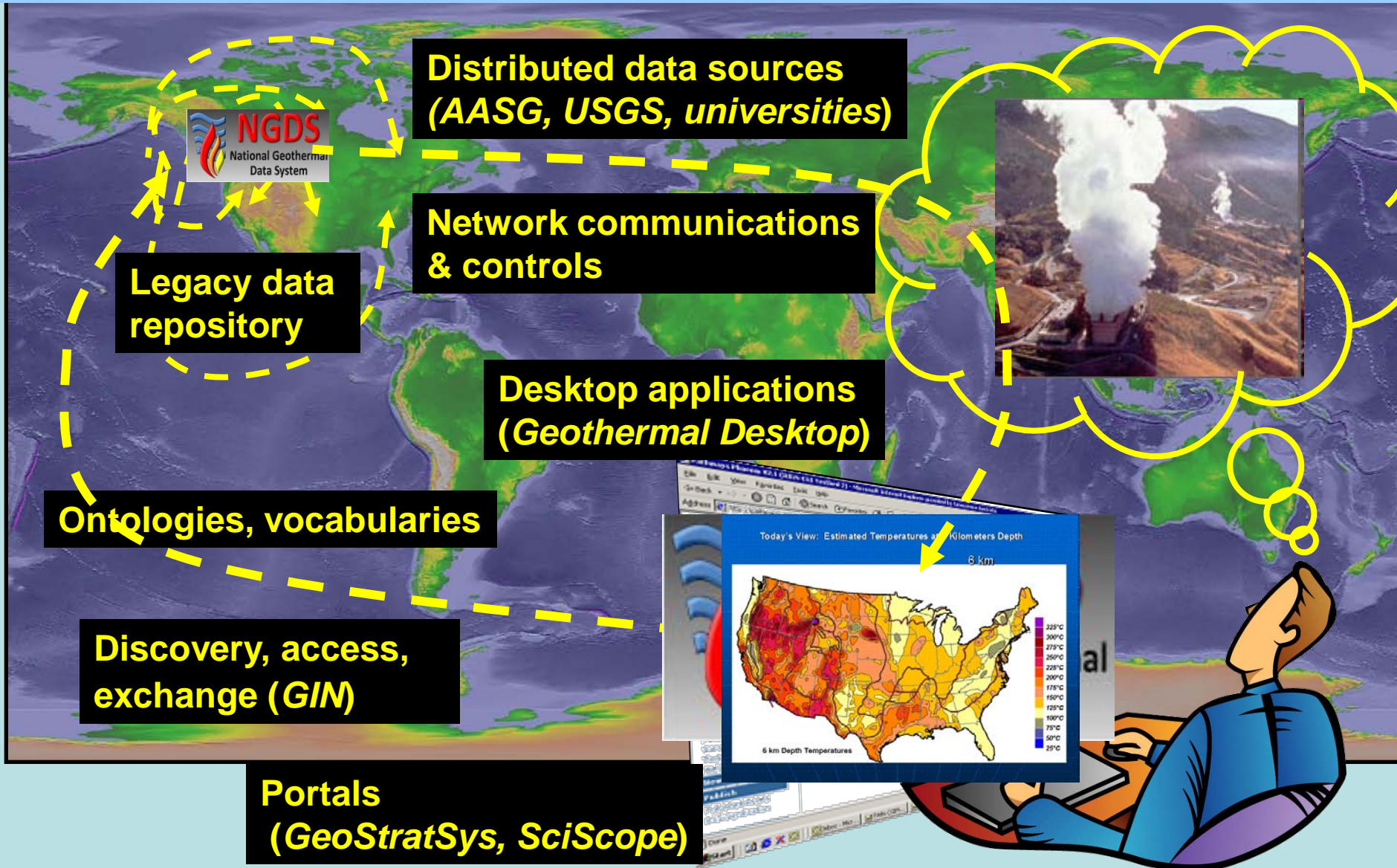
Development & testbed funding – NSF INTEROP-GIN project (2008-2011)

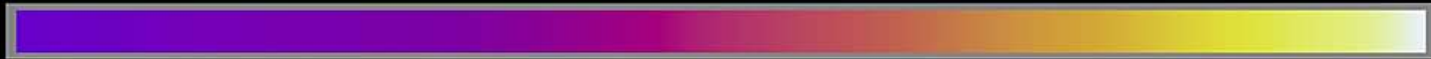
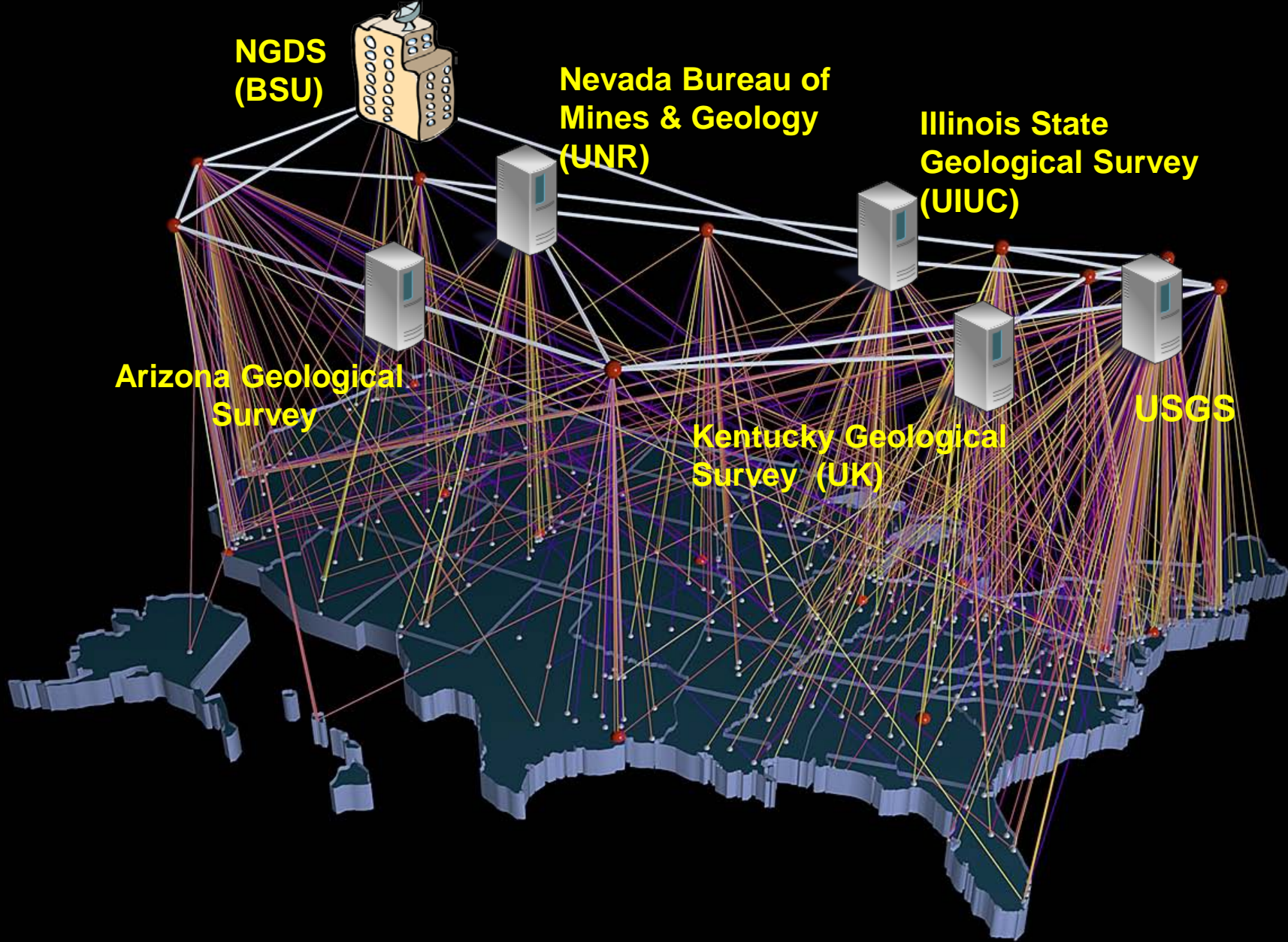
Adopted for NGDS (2009-2014)

Adopted by upstream petroleum industry (2009)

National deployment to populate NGDS (2010-2013)

# National Geothermal Data System



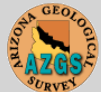




# Populating NGDS with AASG data

<b>Wells to be reviewed</b>	<b>3,499,322</b>
<b>Wells with data to be entered</b>	<b>2,130,533</b>
<b>Well Logs</b>	<b>195,610</b>
<b>Geothermal Wells</b>	<b>49,940</b>
<b>Temp. (BHT/Heat Flow) Data</b>	<b>728,891</b>
<b>Hot Spring, Water Chemistry, Geochemistry Sites</b>	<b>6,625</b>
<b>Existing Digital Data &amp; Maps (Mbytes)</b>	<b>6,038,723.70</b>
<b>Scanned Publications &amp; Maps</b>	<b>77,574</b>

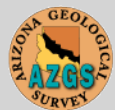
Partial list



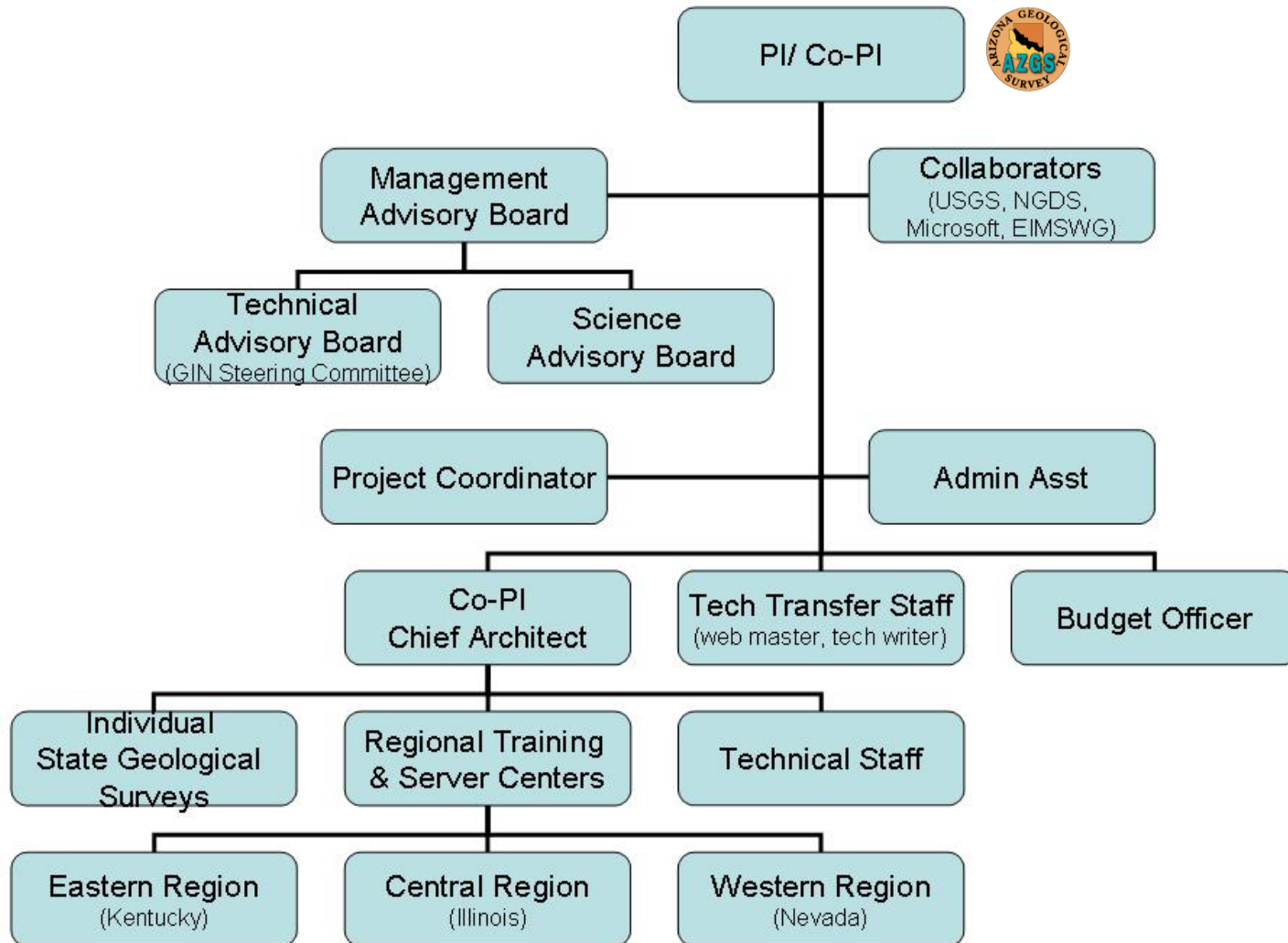
# Populating NGDS with AASG data

<b>New Maps</b>	<b>38+</b>
<b>New Data Sites</b>	<b>1,055</b>
<b>Geopressed or Direct Use Data</b>	<b>47,550</b>
<b>Core Metadata: feet (') or numbers</b>	<b>545,000 ft/2,000,000</b>
<b>Cuttings Metadata: feet (') or numbers</b>	<b>15,400,000 ft/550,000</b>
<b>Sample logs</b>	<b>626,000</b>

Partial list

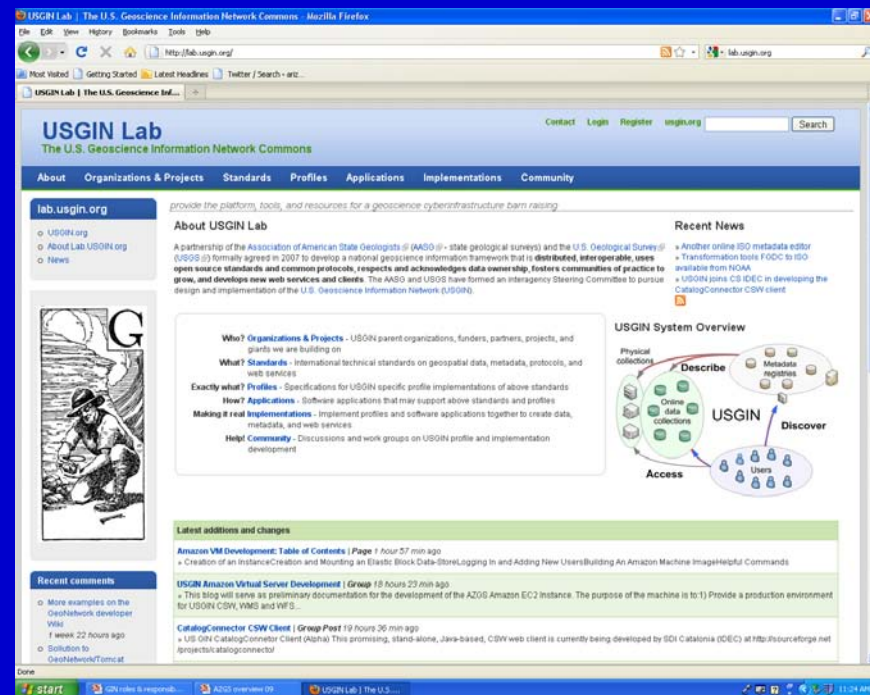
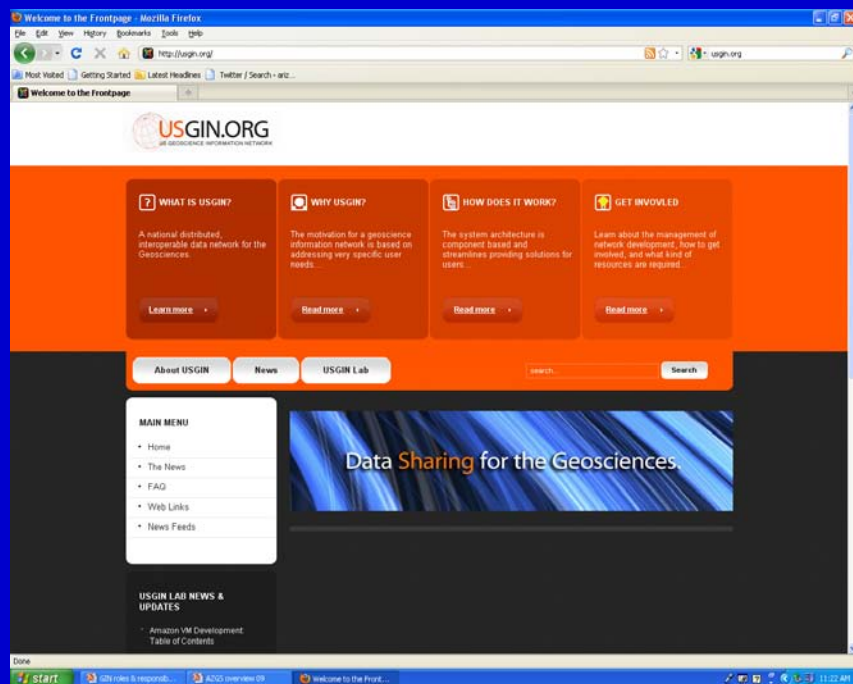


# AASG project to populate NGDS



# GIN Web sites

Geoscience Information Network  
– for users <http://usgin.org>



Geoscience Information Network  
Lab – for developers  
<http://lab.usgin.org>

# PARTNERS & COLLABORATORS:

