

ESIP Membership Application

Response ID: 39 Data

1. Contact Information

1. Primary Contact

First Name

Name

Denise Hills

Title

Acting Program Director, Energy Investigations

Organization

Geological Survey of Alabama

Street Address

420 Hackberry Lane, PO Box 869999

Apt/Suite/Office

City

Tuscaloosa

State

AL

Postal Code

35486-6999

Country

Email Address

dhills@gsa.state.al.us

Phone Number

205-247-3694

Fax Number

205-349-2861

Mobile Phone

Website

2. Designated Assembly Representative (if different from primary contact)

Is the contact the same as above?

First Name

Name

Title

Organization

Street Address

Apt/Suite/Office

City

State

Postal Code

Country

Email Address

Phone Number

Fax Number

Mobile Phone

Website

3. Please add any alternate or proxy assembly representatives, if available.

Is the contact the same as above?

First Name

Name

Title

Organization

Street Address

Apt/Suite/Office

City

State

Postal Code

Country

Email Address

Phone Number

Fax Number

Mobile Phone

Website

2. About Your Organization

4. Please give a main website address for the proposed Partnership:

<http://www.gsa.state.al.us>

5. Describe your organization's role in the Earth science community

The Geological Survey of Alabama, established in 1848, provides service and information to Alabama and its citizens as a natural resource data gathering and research agency. As part of its mission, GSA explores and evaluates the mineral, water, energy, biological, and other natural resources of the State of Alabama and conducts basic and applied research.

The State Oil and Gas Board of Alabama is a regulatory agency of the State of Alabama with the statutory charge of preventing waste and promoting the conservation of oil and gas while ensuring the protection of both the environment and the correlative rights of owners. The Board is granted broad authority in Alabama oil and gas conservation statutes to promulgate and enforce rules and regulations to ensure the conservation and proper development of Alabama's petroleum resources.

6. Please describe your organization's Earth science data/technology activities.

Key to the mission of both agencies is developing, maintaining, and providing access to information related to the above activities. Currently, the agencies maintain online databases of oil and gas well records and forms, drilling and workover reports, production history, engineering records, and core catalog information. We have been working with the AASG Geothermal project to add to the National Geothermal database, including cataloging available bottomhole temperatures for oil and gas wells throughout the state. Additionally, we maintain a GIS database of oil and gas well locations (surface and bottomhole when available), well unit and field boundaries, and infrastructure, and provide an ArcGIS MapService that contains geologic data.

7. What are the primary sources of your funding?

Primary sources of funding come from the state of Alabama, and through grants and contracts from federal, state, and local agencies.

3. How will your organization benefit from or contribute to the Earth Science Information Partners (ESIP) Federation

8. Describe current or anticipated users of your products and services and how you think the Federation can help you better serve this population.

Current users of our products and services include academic researchers, as well as industry leaders in the energy fields, but primarily with the state of Alabama, with some reach throughout the southeastern US. As energy production and research becomes more global, connections beyond our traditional reach become much more important. We hope to share the knowledge and information we have for Alabama with a broader audience so that our deep experience can inform others in their decision-making.

9. Describe technologies that you have developed and are willing to share with the Federation?

We are in the early days of our technology development. We have basic databases, as well as GIS services, in place and

operational. We would like to see our technology and services expand, building on the experience of others.

10. Describe how you can contribute to the efforts of one or more standing committees, working groups and/or clusters? (200 words or less)

Preservation and Stewardship – At the GSA/OGB, we have oil and gas well records, as well as other legacy data, dating back to the late 1800s. Much of the data is in danger of being lost due to degradation in quality, lack of space, or just misplacement. GSA is already involved in the National Geological and Geophysical Data Preservation Program, and we are looking to expand our efforts with that, particularly looking at the difficulties of sample preservation.

Earth Science Collaboratory – As we work to preserve our legacy data, we learn about providing content standards that allow for interoperability. Additionally, our current work with the AASG Geothermal project has given us insight into how to develop standards necessary to maintain usefulness of data for multiple disciplines.

Energy and Climate – One of our main focuses at GSA/OGB has been on energy development. We have connections with academia and industry, and work to facilitate back and forth technology transfer between providers, decision makers, and the public.

11. Describe your own use of Earth science information and data and how you would see this use enhanced by your partnership in the Federation.

We are still in the beginning stages of our data preservation and stewardship process. Learning others' best practices, as well as contributing what we have learned about best practices, will allow us to best preserve the vast quantity of data we have available for new and diverse uses. Becoming more versed in information technology and interoperability will be key in providing the best use of our vast repository of data. As a State Agency, we are also looking for ways to better serve the public through education and outreach, yet we have limited resources to develop such services. By working with a larger group, we would be about to pool limited resources to develop programs that benefit a larger number of people.

12. Select membership type

ESIP-II (primarily a research center)

4. Other comments?

Any other comments about your proposed membership and its relation to the Federation that you wish to provide.

We would be pleased to become a more active part of ESIP. As a state agency, we have a commitment to providing information and resources to the public, and we believe that being a part of ESIP would assist us in that mission.

5. Thank You!

Email notification

Nov 21, 2012 12:35:41 Success: Email Sent to: erinrobinson@esipfed.org

Copy of Email notification

Nov 21, 2012 12:35:44 Success: Email Sent to: carolbmeyer@esipfed.org

Copy of Copy of Email notification

Nov 21, 2012 12:35:47 Success: Email Sent to: jsald@ciesin.columbia.edu

Email to potential new member

Nov 21, 2012 12:35:49 Success: Email Sent to: dhills@gsa.state.al.us