

ESIP Membership Application

Response ID:65 Data

1. Contact Information

1. Primary Contact

First Name**Name**

Kristin M. Tolle

Title

Director, Environmental Science Infrastructure Development

Organization

Microsoft Resaerch

Street Address

One Microsoft Way

Apt/Suite/Office**City**

Redmond

State

WA

Postal Code

98052

Country**Email Address**

kristin.tolle@microsoft.com

Phone Number

425-705-9603

Fax Number**Mobile Phone****Website**

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

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

2. About Your Organization

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

<http://research.microsoft.com/en-us/collaboration/focus/e3/default.aspx>

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

We develop freely available cloud-based tools that are designed to facilitate time to discovery in environmental science.

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

We have built several tools for data visualization and data management; from FetchClimate to DataUp with our partners in nonprofit and academia.

7. What are the primary sources of your funding?

Self funding

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.

We believe that tools need to be targeted for this user-base. That as technologists we need to overcome the barriers that technology presents for the environmental science audience rather than expecting them to deal with it on their own.

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

DataUp is a free, open source project. We presently are working with a variety of institutions, but the codebase is publically available. Other cloud based solutions are available for free via the web which are Layerscape, FetchClimate and the Worldwide Telescope. In addition we have several tools that are presently being developed.

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

Cloud Computing
Information Technology and Interoperability
Science Software

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.

Our Computational Ecology and Environmental Science (CEES) Team works with researchers and organizations and researchers around the world to do various forms of research. We have various data sets we use for the study of climate change--some of which ship with our tools. We also, have tools to "generate" information from that data and want that to be surfaced in a sharable collaborative way.

12. Select membership type

ESIP-III (primarily applications and education)

4. Other comments?

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