

# **Rebecca Koskela**

## **Technology and Architecture Committee Chair Election**

### **Statement of Interest and Bio**

**April 24, 2018**

For the past 18 months I have served as co-chair of the Technology & Architecture Committee (TAC) and member of the Leadership Council completing Yolanda Gil's term. During this time TAC and the Council of Data Facilities (CDF) led the review of the Architecture Implementation Plan. One of the results of this review was the Architecture Refinement Workshop held in July 2017. Two of the priorities from the review, registry development and workbench, in addition to broader science community engagement have been identified as EarthCube priorities. In addition, the 1917 TAC meetings featured presentations by many of the global leaders in projects with goals similar to EarthCube.

My background includes over 25 years of experience in scientific computing in industry, research labs and universities. For the past 8 years I have served as Executive Director of DataONE, a virtual organization with members located throughout the US and Europe. As Executive Director, I am the liaison between DataONE and many other international research data infrastructure and research projects, such as COOPEUS and ENVRIPPlus. In addition to this, I have contributed to the Research Data Alliance (RDA) since its inception, co-leading three of the metadata groups. My interest in EarthCube goes back to the early phase of EarthCube as a co-author of a white paper, attending the early charrettes at the request of NSF, and one of the organizers of the 2015 and 2017 All Hands Meetings. My background provides the knowledge and experience to be a successful liaison between computer scientists and the science community.