Eliciting Knowledge on Science Software Sustainability from the Earth Science Informatics Community

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2015 Winter ESIP Federation Meeting
Washington, DC, 6-8 January 2015

Breakout Session: Science Software Cluster
Wednesday 7 January 2015, 1:30 p.m.
Why Seek ESIP Perspectives on Science Software Sustainability?

- ESIP community practices data management
- Software is critical for managing and using Earth science data
- Sustainable software contributes to sustainable data
- Earth science informatics community viewpoints can inform science software sustainability practices of other communities
Focus Group Methodology

- Participants of the 2014 Summer Federation of Earth Science Information Partners (ESIP) Meeting invited to participate in roundtable discussions on science software sustainability
- Recruited 36 facilitators to convene focus groups at each assigned table
- Attendees assigned to tables of 8 participants

1. Definition of sustainable scientific software
2. Perspectives on sustainable scientific software
3. Recommendations for near-term activities for the ESIP community to improve practices for scientific software sustainability
Analysis of Results

• Responses received from 25 tables of attendees
• Initial content analysis conducted on responses for the third category of questions
• Analysis revealed actionable recommendations for the ESIP Community to improve the sustainability of scientific software