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

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Breakout Session: Science Software Cluster Wednesday 7 January 2015, 1:30 p.m.







- 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





- 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

Source: Downs RR, Lenhardt WC, Robinson E, Davis E, Weber N. 2014. Community Recommendations for Sustainable Scientific Software. <u>http://dx.doi.org/10.7269/P3VX0DFX</u>





- 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





- 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

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