7-12-2003

UCGIS Summer Assembly and Retreat: Support for Graduate Student Travel

Harlan J. Onsrud
Principal Investigator; University of Maine, Orono, onsrud@spatial.maine.edu

Follow this and additional works at: https://digitalcommons.library.umaine.edu/orsp_reports

Part of the Geographic Information Sciences Commons, and the Spatial Science Commons

Recommended Citation
Onsrud, Harlan J., "UCGIS Summer Assembly and Retreat: Support for Graduate Student Travel" (2003). University of Maine Office of Research and Sponsored Programs: Grant Reports. 86.
https://digitalcommons.library.umaine.edu/orsp_reports/86
Submitted on: 07/12/2003
Principal Investigator: Onsrud, Harlan J.
Organization: University of Maine
Title: UCGIS Summer Assembly and Retreat: Support for Graduate Student Travel

Project Participants

Senior Personnel

Name: Onsrud, Harlan
Worked for more than 160 Hours: Yes
Contribution to Project:

Post-doc

Graduate Student

Name: Agung, Anak
Worked for more than 160 Hours: No
Contribution to Project:

Name: Brehme, Chris
Worked for more than 160 Hours: No
Contribution to Project:

Name: Chen, DongMei
Worked for more than 160 Hours: No
Contribution to Project:

Name: Cova, Thomas
Worked for more than 160 Hours: No
Contribution to Project:

Name: DenOuden, Robert
Worked for more than 160 Hours: No
Contribution to Project:

Name: Hartung, Valerie
Worked for more than 160 Hours: No
Contribution to Project:

Name: Knight, Jeffrey
Worked for more than 160 Hours: No
Contribution to Project:

Name: Maheshwari, Sudha
Worked for more than 160 Hours: No
Contribution to Project:

Name: Mulcahy, Karen
Worked for more than 160 Hours: No
Contribution to Project:

Name: Patterson, Mark
Worked for more than 160 Hours: No
Contribution to Project:

Name: Penman, Shawn
Worked for more than 160 Hours: No
Contribution to Project:

Name: Rowan, Andrew
Worked for more than 160 Hours: No
Contribution to Project:

Name: Ryznar, Rhonda
Worked for more than 160 Hours: No
Contribution to Project:

Name: Schill, Steven
Worked for more than 160 Hours: No
Contribution to Project:

Name: Scott, Lauren
Worked for more than 160 Hours: No
Contribution to Project:

Name: Scott, Michael
Worked for more than 160 Hours: No
Contribution to Project:

Name: Sieber, Renee
Worked for more than 160 Hours: No
Contribution to Project:

Name: Siegel, Jeff
Worked for more than 160 Hours: No
Contribution to Project:

Name: Sutton, Paul
Worked for more than 160 Hours: No
Contribution to Project:

Name: Todorov, Nikolay
Worked for more than 160 Hours: No
Contribution to Project:

Name: Van Zuyle, Paul
Worked for more than 160 Hours: No
Contribution to Project:
Undergraduate Student

Technician, Programmer

Other Participant

Research Experience for Undergraduates

Organizational Partners

UCGIS - Univ Consortium for GIScience
UCGIS helped staff and organize many aspects of the meeting

Other Collaborators or Contacts

Activities and Findings

Research and Education Activities:
The grant helped support a meeting that resulted in five featured plenary talks (one given at the beginning of each day), 89 talks by graduate students, researchers and professors, 11 advanced workshops on leading edge research topics, and a Geographic Information Science Research Agenda development process with total participation by 156 scholars.

Findings:
The Geographic Information Science Education Agenda originally drafted at this meeting has been revised over time and may be found at http://www.ucgis.org/priorities/education/educationpriorities.htm

Training and Development:
Eleven special research workshops were presented by leading experts on their respective topics and were attended by both graduate students and faculty members from other universities.

Outreach Activities:
The education agenda initially developed at this meeting has been widely distributed, published on the web, and presented in briefings to Congress.

Journal Publications

Books or Other One-time Publications

Web/Internet Site
Contributions within Discipline:
This meeting disseminated advanced knowledge on geographic information science and technology topics among leading researchers, professors, and graduate students in the field, and identified the nation's highest priority education needs for advancing geographic information science. The meeting also initiated plans and activities to respond to those needs.

Contributions to Other Disciplines:
The accomplished goal of this meeting was to bring together graduate students, academic researchers and professors to work in a multi-disciplinary and multi-university forum to address the breadth of geographic information science topics. Participants were drawn from such disciplines as geography, engineering, computer science, landscape architecture, natural resources, physical and Earth system sciences, geodesy, business and law.

Contributions to Human Resource Development:
Graduate students selected through a nationwide competition presented papers on their research projects and participated fully with faculty and other researchers in the education agenda priority setting process.

Contributions to Resources for Research and Education:
In support of spatial data infrastructure development, additional workshops to those already mentioned were focused on training graduates students and faculty in completing metadata for spatial data sets and in establishing spatial data clearinghouse nodes. Many universities and others have since established such nodes.

Contributions Beyond Science and Engineering:
The social, legal and economic implications of innovations arising from Geographic Information Science were topics touched upon by many of the graduate students and faculty in their talks. Thus such conferences help inform affiliated debates in areas beyond science and engineering.

Categories for which nothing is reported:
Any Journal
Any Book
Any Product