

# Unidata Policy Committee

## 23-24 May 2011

- **Organizational Collaboration, Participation, and Support - Linda Miller**
- **Promoting Diversity – Linda Miller**
- **Serving Data to other Communities via Standard Interfaces - Ben Domenico**



## Broadening participation and expanding community service

*Priorities set forth in the 2008-2013 NSF proposal*

- ✓ Continue to foster a shared vision for and community ownership of the program, creating a framework for capturing community input ([Slide 4](#))
- ✓ Provide a transformative learning environment for the community by involving users as both contributors to and stakeholders in Unidata ([Slide 5](#))
- ✓ Broaden participation in Unidata from closely-related geoscience disciplines such as hydrology and oceanography
- Adapt services to the needs of the climate community
- Leverage partnerships with universities to entrain nearby community colleges into the Unidata community



## Priorities set forth in the 2008-2013 NSF Proposal – cont.

- ✓ Continue to broaden participation in Unidata governing committees
- ✓ Bring the community and stakeholders together to share knowledge and address problems through meetings, workshops, conferences, and other venues
- ✓ Develop global partnerships with geoscience data holders for free and open sharing of data
- ✓ Advocate for community interests in areas pertaining to data needs, policies regarding data access and use, and related technological matters ([Slide 7](#))
- ✓ Bridge communities across a range of computing resources and capabilities; e.g., connect Unidata systems and services with NSF HPC resources like the TeraGrid
- ✓ Manage and expand the community equipment awards program to serve the evolving needs of the community ([Slide8](#))



## Organizational Collaboration, Participation, and Support

“Continue to foster a shared vision for and community ownership of the program, creating a framework for capturing community input”

- Governing Committees play an important role:
  - Recommendations for new data set availability, i.e., global lightning, CONDUIT, NOAAPORT, Satellite data (Wisconsin, NESDIS)
  - Diversity of representatives on the committees and small/large institutional representation
  - Users community survey – 2010
  - Users Committee triennial workshop – 2009; planning underway for 2012
- Training workshops ([Slide 2](#))

	Total Attendees	Number of Universities Represented	Number of International Sites	Number of Government, Military or Institute (non profits)	Private Industry
2008	77	20	8	48	6
2009	95	39	6	47 (16 from UCAR)	6
2010	77	12	7	45 (9 from UCAR)	15



Provide a transformative learning environment for the community by involving users as both contributors to and stakeholders in Unidata

- Many examples
  - E-letter and web page news items and community articles, now News@Unidata blog
  - Encouragement of community interaction via Facebook & Twitter postings
  - Seminars (13 since Apr 2008)
  - Contributions and collaborations on software updates and changes (IDV, netCDF, THREDDS, RAMADDA, etc)
  - Extensive use of email lists
  - DeSouza Award (3 awards since 2008)

([Slide 2](#))



## Broaden participation in Unidata from closely-related geoscience disciplines such as hydrology and oceanography

- Diversity on governing committees
  - Hydrology
  - Oceanography
  - Geography
  - Mix of researchers and educators
  - Student representative to Users Committee
- Participation in meetings; AMS, AGU, EGU, NOAA Partners, OGC (Ben will discuss this) and many others
- International participants have increased
  - (127 countries have downloaded software-4/1/10-3/31/11)
- For all downloads stats, see:  
<http://www.unidata.ucar.edu/committees/usercom/2011Apr/status/metrics/downloads.html>



## Advocate for community interests in areas pertaining to data needs, policies regarding data access and use, and related technological matters

- Work with data providers and Users Committee to access important data sets used for education and research purposes
  - CONDUIT now being served by Penn State
  - Entire NDFD datastream available in CONDUIT
  - RTMA -- Real Time Mesoscale Analysis in CONDUIT
  - SREF -- Short Range Ensemble Forecast members added to CONDUIT
- Two reps from NCEP added to Users Committee (Rebecca Cosgrove (CONDUIT); Michelle Mainelli (NAWIPS to AWIPS II transition))
- Monitoring GOES-R, NPOESS, Dual-Pol, NexGen, 4-D Cube, etc.
- COSMIC data made available via LDM (2008)
- NAWIPS to AWIPS II transition – actively engaged! (collaboration with NWS and NCEP began 2008)

([Slide 4](#))



## Manage and expand the community equipment awards program to serve the evolving needs of the community

Equipment Awards – managed by Terry with assistance from Ginger ([Slide 3](#))

2008	2009	2010	2011
3	6	8	8

# Promoting Diversity

Unidata is actively engaged in the following:

- Significant Opportunities in Atmospheric Research and Science
- American Indian Higher Education Consortium
- Alaska Tribal Colleges
- UCAR African Initiative
- Undergraduate Leadership Workshop
- Governing committees



# Community Driven Unidata Staff!

