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

- 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)

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Attendees</th>
<th>Number of Universities Represented</th>
<th>Number of International Sites</th>
<th>Number of Government, Military or Institute (non profits)</th>
<th>Private Industry</th>
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<tbody>
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<td>77</td>
<td>20</td>
<td>8</td>
<td>48</td>
<td>6</td>
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<tr>
<td>2009</td>
<td>95</td>
<td>39</td>
<td>6</td>
<td>47 (16 from UCAR)</td>
<td>6</td>
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<tr>
<td>2010</td>
<td>77</td>
<td>12</td>
<td>7</td>
<td>45 (9 from UCAR)</td>
<td>15</td>
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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)
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)
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)

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<tr>
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<th>2008</th>
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<td>Award</td>
<td>3</td>
<td>6</td>
<td>8</td>
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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!