

Fast Preview

Note: This is not exactly what the published abstract will look like

Goddard Space Flight Center's Partnership with Florida International University

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(Sponsor: **Jane M Nall**)

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NASA's Goddard Space Flight Center (GSFC) has been collaborating with Florida International University's High Performance Database Research Center (FIU HPDRC) for nearly ten years. Much of this collaboration was funded through a NASA Institutional Research Award (IRA). That award involved research in the Internet dissemination of geospatial data, and in recruiting and training student researchers. FIU's TerraFly web service presently serves more than 10,000 unique users per day by providing an easy-to-use mechanism for exploring geospatial data and imagery. IRA-supported students have received 47 Bachelor's degrees, 20 Master's degrees, and 2 Doctoral degrees at FIU. FIU leveraged IRA funding into over \$19 million in other funding and donations for their research and training activities and has published nearly 150 scientific papers acknowledging the NASA IRA award. GSFC has worked closely with FIU HPDRC in the development of their geospatial data storage and dissemination research. TerraFly presents many NASA datasets such as the nationwide mosaic of LandSat 5, the PRISM precipitation model, the TRMM accumulated rainfall worldwide; as well as USGS aerial photography nationwide at 30cm to 1m resolutions, demographic data, Ikonos satellite imagery, and many more. Our presentation will discuss the lessons learned during the collaboration between GSFC and FIU as well as our current research projects.

Meeting:

2004 AGU Fall Meeting

Reference Number:4888

Membership Number:

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Student rate:

Not Applicable

Willing to chair a session:

Meeting Section:

ED - Education and Human
Resources

Special Session:

ED09 - Diversity and Equity in
the Earth and Space Sciences: III.
Building Effective Partnerships
With Minority-Serving
Institutions

Index Terms:

800

Theme:

Material presented:

0%

Contributed

Poster presentation requested:

Scheduling request: