

Final Report for Period: 04/2005 - 03/2006**Submitted on:** 08/15/2006**Principal Investigator:** Montoya, Joseph P.**Award ID:** 0508743**Organization:** GA Tech Res Corp - GIT**Title:**

Travel Support for US Participants in an International Workshop on the Nitrogen Cycle (SPOT-ON, Warnemuende, Germany, June-July 2005)

Project Participants**Senior Personnel****Name:** Montoya, Joseph**Worked for more than 160 Hours:** Yes**Contribution to Project:****Post-doc****Graduate Student****Name:** Knap, Angela**Worked for more than 160 Hours:** No**Contribution to Project:**

Angie Knap received travel support to take part in the SPOT-ON workshop in Warnemuende Germany.

Name: Brunelle, Brigitte**Worked for more than 160 Hours:** No**Contribution to Project:**

Brigitte Brunelle received travel support to take part in the SPOT-ON workshop in Warnemuende Germany.

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

Scott Wankel received travel support to take part in the SPOT-ON workshop in Warnemuende Germany.

Undergraduate Student**Technician, Programmer****Other Participant****Name:** Altabet, Mark**Worked for more than 160 Hours:** No**Contribution to Project:**

Mark Altabet received travel support to take part in the SPOT-ON workshop in Warnemuende Germany

Name: Brandes, Jay**Worked for more than 160 Hours:** No**Contribution to Project:**

Jay Brandes received travel support to take part in the SPOT-ON workshop in Warnemuende Germany

Name: Bronk, Debbie**Worked for more than 160 Hours:** No**Contribution to Project:**

Debbie Bronk received travel support to take part in the SPOT-ON workshop in Warnemuende Germany

Name: Capone, Doug

Worked for more than 160 Hours: No

Contribution to Project:

Doug Capone received travel support to take part in the SPOT-ON workshop in Warnemuende Germany

Name: Codispoti, Lou

Worked for more than 160 Hours: No

Contribution to Project:

Lou Codispoti received travel support to take part in the SPOT-ON workshop in Warnemuende Germany

Name: Devol, Al

Worked for more than 160 Hours: No

Contribution to Project:

Al Devol received travel support to take part in the SPOT-ON workshop in Warnemuende Germany

Name: Deutsch, Curtis

Worked for more than 160 Hours: No

Contribution to Project:

Curtis Deutsch received travel support to take part in the SPOT-ON workshop in Warnemuende Germany

Name: Hood, Raleigh

Worked for more than 160 Hours: No

Contribution to Project:

Raleigh Hood received travel support to take part in the SPOT-ON workshop in Warnemuende Germany

Name: Mulholland, Margie

Worked for more than 160 Hours: No

Contribution to Project:

Margie Mulholland received travel support to take part in the SPOT-ON workshop in Warnemuende Germany

Name: Murray, James

Worked for more than 160 Hours: No

Contribution to Project:

Jim Murray received travel support to take part in the SPOT-ON workshop in Warnemuende Germany

Name: Paerl, Hans

Worked for more than 160 Hours: No

Contribution to Project:

Hans Paerl received travel support to take part in the SPOT-ON workshop in Warnemuende Germany

Name: Sambrotto, Ray

Worked for more than 160 Hours: No

Contribution to Project:

Ray Sambrotto received travel support to take part in the SPOT-ON workshop in Warnemuende Germany

Name: Sigman, Danny

Worked for more than 160 Hours: No

Contribution to Project:

Danny Sigman received travel support to take part in the SPOT-ON workshop in Warnemuende Germany

Name: Ward, Bess

Worked for more than 160 Hours: No

Contribution to Project:

Bess Ward received travel support to take part in the SPOT-ON workshop in Warnemuende Germany

Organizational Partners

Institut fuer Ostseeforschung

Maren Voss of the IOW was one of the co-chairs of the SPOT-ON meeting. Maren obtained funding from the DFG (German Science Foundation) and the IOW to cover the costs of the meeting space as well as travel costs of invited speakers from Europe and Asia.

Other Collaborators or Contacts

Wajih Naqvi and Maren Voss were co-chairs of the workshop and took part in all the organizational work.

Activities and Findings

Research and Education Activities:

This award was to provide travel support for US scientists taking part in the SPOT-ON (Significant Processes, Observations, and Transformations in Oceanic Nitrogen) meeting in Warnemuende Germany. The meeting attracted over 60 participants from the US, Europe, and Asia. Abstracts of talks and posters presented at this meeting are listed on this web page:

<http://www.io-warnemuende.de/spot-on/abstracts.php>

Findings:

SPOT-ON was an excellent opportunity for discussing the current state of knowledge of the marine N cycle. A special volume of Biogeosciences with papers arising from the meeting is currently in preparation.

Training and Development:

Students and postdocs from the US and Europe had an opportunity to meet a large part of the community of scientists working on the oceanic N cycle.

Outreach Activities:

The core DFG grant included funds to publicize the meeting broadly and to support participants from the local university and academic community.

Journal Publications

Montoya, J.P., M. Voss, and D.G. Capone, "Spatial variation in N₂ fixation rate and diazotroph activity in the Tropical Atlantic", Biogeosciences, p. , vol. , (). Submitted

Books or Other One-time Publications

Various SPOT-ON participants, "Biogeosciences (special volume)", (). Special volume, Submitted
 Editor(s): Naqvi, W, M. Voss, and J.P. Montoya
 Collection: SPOT-ON papers
 Bibliography: EUG

Web/Internet Site

URL(s):

<http://www.io-warnemuende.de/spot-on/>

Description:

This is the conference website.

Other Specific Products

Contributions

Contributions within Discipline:

The SPOT-ON meeting brought together a large portion of the scientific community interested in the oceanic nitrogen cycle. This was an excellent opportunity for brainstorming and evaluating our current state of knowledge. A special volume of Biogeosciences with contributions from the meeting is in preparation, and plans are under way for a second SPOT-ON meeting in Goa.

Contributions to Other Disciplines:

I anticipate that the papers from the meeting will be of interest to the broader community of earth and ocean scientists.

Contributions to Human Resource Development:

Three students were supported by the NSF travel grant, and at least a dozen other students from the US, Europe, Asia, and South America took part in the meeting.

Contributions to Resources for Research and Education:

Contributions Beyond Science and Engineering:

Categories for which nothing is reported:

Any Product

Contributions: To Any Resources for Research and Education

Contributions: To Any Beyond Science and Engineering