

STUDENTS

University of South Carolina

Thesis and Academic and Research Advisor (Graduate Students) and current placement

PhD

- | | | |
|-------------------------|-----------|---|
| (1) John Bolten | 1999-2005 | <i>Soil moisture retrieval using a combination of aircraft and satellite sensors
Graduated 12/2001 (MS)
PhD 12/2005
Research Associate USDA-Agricultural Research Service, Beltsville, MD</i> |
| (2) Lizbeth Gujjaro | 2000-2005 | <i>Spatial and temporal variability of land surface variables over United States
PhD 08/2005
Research Scientist EXXON, Houston TX</i> |
| (3) Ujjwal Narayan | 2002-2006 | <i>Combination of active and passive remote sensing for soil moisture estimation
PhD 08/2006
Research Associate, Department of Civil Engineering, MIT, Cambridge MA</i> |
| (4) Bryan Hong | 2003- | <i>Characterization of vegetation effects on hydrology
Expected graduation 12/2007</i> |
| (5) Liselotte Schoffner | 2004- | <i>Use of Satellite Remote Sensing in Hydrological Models
Expected graduation 06/2008</i> |
| (6) Rahul Kanwar | 2005- | <i>Synergism between satellite data and modeling in hydrological sciences: Several case studies
Expected graduation 2009</i> |
| (7) Iliana Mladenova | 2006- | <i>Use active and passive remote sensing for soil moisture, roughness and topography studies
Expected graduation 2010</i> |

MS

- | | | |
|---------------------|-----------|---|
| (1) Diane Zehrhuhs | 1999-2001 | <i>Relationship between soil temperature and moisture at various spatial scales
Graduated 05/2001
Research Engineer</i> |
| (2) Aniruddha Guha | 1999-2001 | <i>Regional soil moisture estimation using satellite remote Sensing
Graduated 12/2001
PhD Candidate, University of Florida</i> |
| (3)Kendi King | 2000-2002 | <i>Effect of urbanization on a catchment in Barbados
Graduated 05/2001</i> |
| (4)Toshihisa Matsui | 2000-2002 | <i>Land-Atmosphere interaction for the North American Monsoon System
Graduated 05/2001
PhD (Colorado State University)
NASA GSFC Research Scientist</i> |

(5) Stephen Scheidt	2000-2003	Mercury cycling in South Carolina rivers <i>Graduated 08/2003</i> <i>Graduate student, University of Pittsburgh</i>
(6) Syed Hassan	2000-2002	Spatial variability and temporal persistence of hydrological variables and its utilization in forecasting <i>Graduated 08/2001</i> <i>PhD Candidate, University of California, Irvine</i>
(7) Durga Sahashrabudhe	2001-2003	Water resources budget for South Carolina: Are we consuming more water than we get from precipitation?
(8) Trinh Manh Chu	2001-2002	1-D Soil Water Flux Modeling <i>Graduated 12/2002</i>
(9) James Cashion	2001-2003	Validation of satellite soil moisture estimates <i>Graduated 12/2004</i> <i>Private Consulting</i>
(10) Scott Wiedner	2001-2003	<i>Hydrogeology of coastal South Carolina</i> <i>Graduated 12/2004</i>
(11) Raja Srinivasan	2000-2002	Long-term hydrological-hydraulic modeling of the Upper Mississippi River Basin <i>Graduated 12/2002</i> <i>Research Engineer, Consulting</i>
(12) Josh Horton	2004-2006	<i>Intercomparison between hydrological model, satellite and in-situ values of hydrological variables</i> <i>SC Dept of Health and Environmental Control</i>
(13) Christel Lopez	2005-2007	<i>Studies of rocky inter-tidal organism body temperatures using satellite thermal data</i> <i>Graduated 05/2007</i>
(14) Harmony Liff	2007-	<i>Use of satellite data to estimate mussel body temperature</i>

Undergraduate Students

(1) Kevin Dickey	2000	Climatological characterization of South Carolina droughts
(2) Erin Murphy	2001	Estimation of river discharge using satellite altimetry modeling
(3) Cari Fuller	2001	Water resources of dry-areas

NASA, Goddard Space Flight Center/ University of Maryland

- (1) Katie Schaaf, Summer Institute on Atmospheric and Hydrospheric Sciences, 1997; Project: "Analysis of the 1993 Midwestern floods using satellite and ground data"
- (2) Sandra Eng, Summer Institute on Atmospheric and Hydrospheric Sciences, 1998; Project: "Use of remote sensing to detect malaria"
- (3) David Grass, Summer Institute on Atmospheric and Hydrospheric Sciences, 1999; Project: "Prediction of malarial risk using remote sensing"
- (4) Josh Rhoads, M. S. Thesis: "Use of surface temperature data in distributed hydrological modeling", Department of Geography, University of Maryland, College Park, 1999

(5) Dave Haffner, M. S. Thesis, "Land-Atmosphere Interactions and role of hydrology and surface temperature assimilation", Department of Geography, University of Maryland, College Park, 1998-1999

(6) Justin Nero, High School Student, "Relationships between precipitation and runoff in the Northwest Branch catchment", 1999