

## CURRICULUM VITAE

### **Dr. KAMAL A. ALSHARIF**

Associate Professor of Environmental Science and Water Policy  
School of Geoscience  
College of Arts and Science  
University of South Florida  
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Tampa, FL 33620-5250  
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### **EDUCATIONAL HISTORY:**

- Ph.D. University of Minnesota, Twin Cities, St. Paul, Doctor of Philosophy, Water Resources Science, **12/2004**.  
Dissertation title: Measuring the Efficiency of Water Use in the Palestinian Territories: A Data Envelopment Analysis Approach.
- M.S. Minnesota State University, Mankato, Master of Science, Environmental Science, **12/1996**.  
Thesis title: Nonpoint Source Pollution of Lake Shetek
- B.S. St. Cloud State University, St. Cloud. B.S. in Biology, **11/1992**.

### **AWARDS AND RECOGNITIONS:**

- 2011 Who's Who in America 2011
- 1999 Minnesota Project Wet Facilitator of the Year Award from the DNR.
- 1999 Friend of Water Planning Award at the Water Planners Conference.
- 1999 Outstanding Team Work Award from the Board of Water and Soil Resources (BWSR)
- 1996 Multi-Cluster Team Work Award and Dean and Director's Distinguished Team Award from Minnesota Extension Service.
- 1996-1997 Certificate of National Service from AmeriCorps.

## **CAREER HISTORY:**

- 08/13 to current** University of South Florida. School of Geosciences (Geology, Geography, and Environment Science & Policy), Associate Professor of Environmental Science and Water Policy, Tampa, Fl.
- 08/13 to current** University of South Florida, Associated Faculty, Patel College of Global Sustainability, Associate Professor Environmental Science and Water Policy , Tampa, Fl.
- 08/14 to 2017** University of South Florida. School of Geosciences (Geology, Geography, and Environment Science & Policy), Graduate Director, Geography and Environmental Science and Policy, Tampa, Fl.
- 08/07 to 8/13** University of South Florida. Department of Geography, Environment, and Planning, Assistant Professor of Environmental Science and Water Policy, Tampa, Fl.
- 08/10 to 08/13** University of South Florida, Associated Faculty, Patel College of Global Sustainability, Assistant Professor of Environmental Science and Water Policy Tampa, Fl.
- 03/07 to 08/07** Minnesota Pollution Control Agency. Municipal Division, Project Specialist -St. Paul, MN.
- 04/06 to 03/07** Silver Creek Institute, Executive Director and Director of Environmental Management and Health Division - Two Harbors, MN.
- 09/02-01/05** Biology Department, Graduate Teaching Assistant (GTA), University of Minnesota Duluth, Duluth, MN.
- 12/97-05/02** Minnesota Board of Water and Soil Resources (a State Regulatory Agency) and the University of Minnesota Extension Service, Water Resources Education Coordinator, Duluth, MN.
- 09/95- 07/97** Youth Works\*AmeriCorps, Mankato Cluster, Environmental Education Coordinator, Service Site University of Minnesota Extension Service, South Central Cluster, Le Center, MN.
- 08/94 -08/95** Minnesota State University Mankato, Teacher Assistant in Biology, Mankato, MN.
- 04/94 - 09/94** Water Resources Center at Minnesota State University, Research Assistant, Mankato, MN.

**REFEREED PUBLICATIONS AND WORK IN PROGRESS:****Accepted, in press, and published**

Torres, Hannah, and **Alsharif, Kamal**. (2017). "What It Means to Become "More Resilient": An Analysis of Local Resilience-Building Approaches in Three Florida Communities." Weather, Climate and Society. 9: 405-419. <https://doi.org/10.1175/WCAS-D-16-0101.1>.

Saylor, Christina, **Alsharif, Kamal**, and Torres, Hannah. (2017) "The Importance of Traditional Ecological Knowledge in Agro-ecological Systems in Peru." International Journal of Biodiversity Science, Ecosystem Services & Management. 13: 150-161. <https://doi.org/10.1080/21513732.2017.1285814>

Persaud, Ann; **Alsharif, Kamal**; Monaghan, Paul; Akiwumi, Fenda; Morera, Maria; Ott, Emily. (2016). "Landscaping practices, community perceptions, and social indicators for stormwater nonpoint source pollution management." Sustainable Cities and Society. <http://dx.doi.org/10.1016/j.scs.2016.08.017>.

Torres, Hannah, and **Alsharif, Kamal**. (2016). "Reflecting on Resilience in Broward County, Florida: A Newspaper Content Analysis About Hurricane Wilma Recovery." International Journal of Disaster Risk Reduction. 19: 36-46. DOI: [10.1016/j.ijdr.2016.08.007](https://doi.org/10.1016/j.ijdr.2016.08.007)

Torres, Hannah, Muller-Karger, Frank, Keys, David, Thornton, Heather, Luther, Mark, and **Alsharif, Kamal**. (2015) "Whither the US National Ocean Policy Implementation Plan?" Marine Policy. 53: 198-212. DOI: [10.1016/j.marpol.2014.11.013](https://doi.org/10.1016/j.marpol.2014.11.013)

Betts, Anthony, and **Alsharif, Kamal**. (2014) "Assessment of a Countywide Stormwater Pond Improvement Program." Urban Water Journal. DOI:10.1080/1573062X.2012.750370

Delhomme, Chloe, **Alsharif, Kamal**, and Capece, John. (2013) "Evolution of the oxbow morphology of the Caloosahatchee River in South Florida." Applied Geography. 39: 104-117.

Lin, Ozan, and **Alsharif, Kamal**. (2013) "The Effectiveness of Water Irrigation Policies for Residential Turfgrass." Land Use Policy. 31: 378-384.

**Alsharif, Kamal**. and Fouad, Geoffrey. (2012). "Lake Performance Differences in Response to Land Use and Water Quality: A Data Envelopment Analysis." Lake and Reservoir Management. 28 (2): 130-141.

**Alsharif Kamal**, and Nathan Miller. (2012). "Data Envelopment Analysis to Evaluate the Reliance and Engagement of Florida Communities on Gulf of Mexico Commercial Red Snapper Fisheries." Fisheries. 37(1): 19-26.

**Alsharif Kamal**, and Nathan Miller. (2012) "The Gulf of Mexico Red Snapper Individual Fishing Quota Program Public Perception and Implication." Southeastern Geographer. 52(1): 20-38.

van Beynen P.E., M.A. Niedzielski, E. Bialkowska-Jelinska, **K. Alsharif**, J. Matusick. (2012). "Comparative Study of Specific Groundwater Vulnerability of a Karst Aquifer in Central Florida." Applied Geography: 32(2): 868-877.

Eckart, Jochen, Vairavamoorthy, Kalanithy, and **Alsharif, Kamal**. (2011). "Flexible Design of Urban Drainage Systems – Demand Lead Research for Hamburg-Wilhelmsburg." Reviews in Environmental Science and Bio/Technology. DOI 10.1007/s11157-011-9256-5.

**Alsharif, Kamal**. (2010). Construction and Stormwater Pollution: Policy, Violations, and Penalties." Land Use Policy 27(2): 612-616.

Feroz, Ehsan, Raab, Raymond, and Ulleberg, Gerald, and **Alsharif, Kamal**. (2009). "Environmental Performance of Koyoto Accord Participants: A Data Envelopment Analysis." Journal of Environmental Management 90(2): 1178-1183.

**Alsharif, Kamal**, Feroz, Ehsan, Klemer, Andrew, and Raab, Raymond (2008). "Governance of Water Supply Systems in the Palestinian Territories: A Data Envelopment Analysis Approach to the Management of Water Resources." Journal of Environmental Management. 87(1):80-94.

### **Under Review and in Revision**

Torres, Hannah, and **Alsharif, Kamal**, and Tobin, Graham. "Perspectives on adaptive capacity to climate change in hazardous environments: insights from Broward County, Florida." In revision Weather, Climate and Society, 2017.

Ouellette, Kayla, **Alsharif, Kamal**, Capece, John, and Torres, Hannah. "The concept of water storage on agriculture lands: exploring the notion in South Florida" Under review Water Science, 2017.

Pongen, Osensang and **Alsharif, Kamal**. "An appraisal of imbalances between states and within the implementation of Clean Development Mechanism operationalization under the Kyoto Climate Change Regime." Under review International Environmental Agreements: Politics, Law and Economics, 2017.

Eduful, Michael, **Alsharif, Kamal**, Akiwumi, Fenda. "Water Resources Protection in the Upper Densu River Basin, Ghana: Can rural communities adapt to the ban on Galamsey?" Under review Journal of Rural Studies, 2017.

## **PUBLISHED REPORTS**

Fidler, Michal, Capece, John C., Hanlon, Edward A., and **Alsharif A. Kamal**. (2013). Land Use Requirements for Production of Biofuels in Florida. Department of Energy, Office of Biomass Program. Project title, Hendry County Sustainable Biofuels Center.

## **Book Chapters**

van Beynen P.E., Niedzielski M., Bialkowska-Jelinska E., **Alsharif, K.** (2018) "Investigating Groundwater Vulnerability of a Karst Aquifer in Tampa Bay, Florida." In: White W., Herman J., Herman E., Rutigliano M. (eds) Karst Groundwater Contamination and Public Health. Advances in Karst Science. Springer, Cham.

Memon, F. A., Fidar, A., Ward, S., Butler, D., and **Alsharif, K.** (2015) "Energy and carbon implications of water saving micro-components and greywater reuse systems." Water Reuse Systems-Options and Issues. **Alternative Water Supply Systems** International Water Association (IWA).

## **NONREFEREED PUBLICAITON**

**Alsharif, Kamal**, and Block, Marybeth (1999). Comprehensive Water Local Water Planning: A Decade of Protection. Booklet published by Board of Water and Soil Resources St. Paul, Minnesota.

## **GRANT WRITING:**

### **Funded**

- 2011 Trotz, Maya PI, Dr.Tina Hohlfeld Co-Pi, **Alsharif Kamal** (Senior Personnel); and others. "RET in Engineering and Computer Science Site: Water Awareness Research and Education." National Science Foundation (NSF). Grant total \$500,000.
- 2010 **Alsharif, Kamal** PI. "Water Management in Arid Areas: A West Bank Water Management Challenge." College of Arts and Science. University of South Florida. Grant total \$1,000.
- 2001 Mike Reichenbach, PI, **Alsharif, Kamal** Co-Pi, Salmela Terry Co-Pi, Elmstand Rod Co-Pi, and Salzer Troy Co-Pi. Limited Resources Education in Northeast Minnesota. Grant received from Environmental Quality Incentive Program (EQIP) Education funds. Project title "Educational Sessions for Rural Living: New Landowners and Realtors." Grant total \$3,000.
- 2001 **Alsharif, Kamal** PI, "Make A Splash Festival" Funded by Department of Natural Resources (DNR). Grant total \$3,000.

### **Not Awarded (Major Grants)**

- 2016 Njoh, Ambe; Akiwumi, Fend; Alsharif Kamal (Co-Pi); Ntumngia, Francis; Mbah, Alfred; Ananga, Erick. Patel College USF, Title: Remittances from Africans in the United States, the Self-help Ethos and Poverty Eradication in Africa. Amount 50,000. Not funded.
- 2015 Paul Monaghan, Wendy Wilber, Lynn Barber, Michelle Atkinson, Andrew Koeser, Laura Warner, Ann Christiano, from UF and Kamal Alsharif, Fenda Akiwumi from USF, Title: "Upstream Social Marketing: an approach to scaling up landscape behavior change among stakeholders in the green industry, HOAs, and regulatory agencies." To Center for Landscape Conservation and Ecology. Amount \$34,187.
- 2012 **Alsharif Kamal**, PI, Philip Reeder (Co-Pi), Nader AlKhateeb (Co-Pi), Sarina J. Ergas, (Senior Personnel), and Mohammed Obidallah (Senior Personnel), "Flowing Springs for Peace: A Look at How Water Can Bring People Together." USAID West Bank and Gaza Conflict. Program title Mitigation and Reconciliation Programs and Activities. Grant total \$1,034,556.

- 2011 Endter-Wada, Joanna PI, **Alsharif, Kamal**, Senior Co-PI, Kjelogren, Roger Co-PI, Li, Shujuan Co-PI, and Pu, Ruiliang Co-PI “CNH-Ex: Dynamic Interactions of People, Water and Vegetation: Exploring Coupling Mechanisms in Urban Natural-Human Systems.” National Science Foundation (NSF). Grant total \$249,927.
- 2010 **Alsharif, Kamal** PI. “Improved Domestic Water Delivery Management Systems in Areas with Limited Water Supplies: A West Bank Water Management Challenge.” Patel Center for Global Solution.” Grant total \$6,860. (Grant Cycle was canceled).
- 2010 **Alsharif, Kamal** PI; Anthony Betts Co-PI. “Assessment of a Countywide Stormwater Pond Improvement Project: Impacts of the Hillsborough County Adopt-A-Pond Program. EPA. Source Reduction Assistance Grant Program Grant total \$38,712.
- 2010 **Alsharif, Kamal** PI , Ruiling Pu Co-PI. “Collaborative Research: Assessing External Domestic Water Use over Different Land Use / Land Cover Types Using Remote Sensing and Modeling Techniques. Submitted to NSF. Grant total \$140,768.
- 2009 **Alsharif, Kamal** PI. “Constructing a Rain Garden to Reduce Stormwater Runoff Pollutant Loads and Meet National Pollutant Discharge Elimination System Requirements.” Submitted to Hillsborough County Environmental Protection Commission. Grant total \$57,118.
- 2008 Schneider, Sandra PI; **Alsharif, Kamal** CoPI; Cummings, William CoPI ; Milani, Mohsen CoPI; Peppard, Victor CoPI. “Explorations of Cooperation and Conflict in Critical World Regions.” Submitted to NSF. Grant total \$2,923,257.
- 2008 Sandra L. Schneider PI, **Alsharif, Kamal** Project Leader , Mohsen Milani, Project Leader, William Cummings, Project Leader, Kathleen O’Connor Leader and Co-leader, Michael Decker, Darrell Slider, leader and Victor Peppard Co-leader. “CSILC Program on Cooperation & Conflict in Critical World Regions.” Submitted to Minerva Research Initiative. Grant total \$6,124,030.
- 2008 **Alsharif, Kamal** PI. “Assessment of the Lake Ecosystems in Hillsborough County by Using Frontier Estimation.” Submitted to Hillsborough County Environmental Protection Commission. Grant total \$40,966.
- 2008 **Alsharif, Kamal** PI. “Improving the Surface Water Quality of Hillsborough County by Reducing the Negative Impacts of Residential Fertilizer.” Submitted to Hillsborough County Environmental Protection Commission. Grant total \$42,194.

## **RECENT CONFERENCE PROFESSIONAL PRESENTATIONS WHILE AT UNIVERSITY OF SOUTH FLORIDA:**

- 2017 **Alsharif, K**, Rivera, Anamarie. Reclaimed Water Usage for Lawn Irrigation and Its Impact on Water Quality. Presented at the Association of American Geographers conference in Boston.
- 2017 Barthle, J, **Alsharif, K**. Analysis of Managerial Decision-Making within Florida’s Total Maximum Daily Load Program. Presented at the Association of American Geographers conference in Boston.

- 2017 Klinepeter, M, **Alsharif, K.** Assessment of Constructed Wetland Treatment Cells: Removal of Excess Nutrients from Municipal Wastewater in Lakeland, Florida. Presented at the Association of American Geographers conference in Boston.
- 2017 Brophy Trista, **Alsharif, K.** Environmental and Community Health in South San Diego County: A Behavior Analysis of Recreational Ocean Users Along Imperial Beach, California. Presented at the Association of American Geographers conference in Boston.
- 2016 **Alsharif, K,** Balsam, G. Management of Water Resources by Using the Water Atlas as a Decision Support System. Presented at the Association of American Geographers conference in San Francisco.
- 2016 Rizzuto-Sadhoo, and **Alsharif, K.** Achieving equity in water supply on small islands by considering population dynamics: Mauritius as an example. Presented at the Association of American Geographers conference in San Francisco.
- 2016 Torres, H, and **Alsharif, K.** What It Means To Become ‘More Resilient’ in Broward County, Florida: An Analysis of Local Resilience-Building Approaches Presented at the SouthEastern Division of the Association of American Geographers (SEDAAG). Columbia, SC.
- 2015 **Alsharif, K,** Persaud, A, Akiwumi, F, Monghana, P. Exploring the Social Indicators to Understand Stormwater Management. Presented at the Association of American Geographers conference in Chicago, IL.
- 2015 **Alsharif, K,** Persaud, A, Akiwumi, F, Monaghan, P, and Morera, M. Social Indicators and Stormwater Management in Southwest Florida. Presented at the SouthEastern Division of the Association of American Geographers (SEDAAG). Pensacola FL.
- 2015 Torres, H, and **Alsharif, K.** Reflecting on Post-Disaster Decision-Making in Broward County, Florida: A Case Study from Hurricane Wilma. Presented at the South Eastern Division of the Association of American Geographers (SEDAAG). Pensacola FL.
- 2014 **Alsharif, K,** Fouad, G. Optimization Technique to Study Lakes in the Tampa Bay Region, Florida. North American Lake Management Society (NALMS) 34th International Symposium in Tampa, FL.
- 2014 **Alsharif, K,** Persaud, A., Akiwumi, F, and Monaghan, P. Landscaping Practices, Community Perceptions and Social Indicators for Nonpoint Source Pollution Management in Manatee County, Florida. North American Lake Management Society NALMS 34th International Symposium in Tampa, FL.
- 2014 **Alsharif, K,** Harmeling, M, and Wooten, R. Phosphate Mining Wetlands Reclamation in the Peace River in Florida. Presented at the Association of American Geographers conference in Tampa, FL. (Water Resources and Hydrology in the American South **Session Chair**).
- 2014 Torres, H, and **Alsharif, K.** M. Mind the Gaps: Assessing Institutional Gaps and

- Overlaps in the Gulf of Mexico. Presented at the Association of American Geographers conference in Tampa, FL.
- 2014 Nath, S., **Alsharif, K.**, and Huss, M. Analysis of glacier mass balance measurements using distributed modeling. Poster presented at the Association of American Geographers conference in Tampa, FL.
- 2014 Persaud, A., **Alsharif, K.**, Akiwumi, F, Monaghan, Paul, Ott, E., and Morera, M. Landscaping Practices, Community Perceptions, and Social Indicators for Stormwater Nonpoint Source Pollution Management in Manatee County, Florida. Poster presented at the Association of American Geographers conference in Tampa, FL.
- 2013 **Alsharif, K.** and Booker, M. A comparison of solid waste infrastructure and reported cases of malaria between three communities in Accra, Ghana. Presented at the Association of American Geographers conference in Los Angeles, CA.
- 2013 Ouellette, K, **Alsharif, K.**, and Capece, J. Agriculture, Environmental Restoration and Ecosystem Services: Creating Sustainable Agricultural Systems in South Florida. Presented at the Association of American Geographers conference in Los Angeles, CA.
- 2013 Ouellette, K, Capece, J, **Alsharif, K.**, Hanlon, E. and Zhong, J. Ecosystem Services and Environmental Restoration in South Florida. Poster presented at 22<sup>nd</sup> Annual Southwest Florida Water Resources Conference, in Ft. Myers FL.
- 2012 **Alsharif, K.** and Ozan, L. Residential Turfgrass Water Irrigation Policy Effectiveness: A Tampa Case Study. Presented at the Association of American Geographers conference in New York City, NY. (Water Resources Politics **Session Chair**).
- 2012 Delhomme, C, and **Alsharif, K.** The Evolution of the Caloosahatchee River Oxbows Morphology and the Development of Restoration Criteria. Presented at the Association of American Geographers conference in New York City, NY.
- 2012 Ouellette, K, Capece, J, **Alsharif, K.**, Hanlon, E. and Zhong, J. Ecosystem Services and Environmental Restoration in South Florida. Poster presented at ACES and Ecosystem Markets 2012 conference in Ft. Lauderdale FL.
- 2012 Fidler, M, Capece, J, Hanlon, E, and **Alsharif, K.** Land Use Trade-offs between Fuel, Food and Ecosystem Services in Florida. Presented at ACES and Ecosystem Markets 2012 conference in Ft. Lauderdale FL.
- 2011 **Alsharif, K.** and Miller, N. The Gulf of Mexico Red Snapper Individual Fishing Quota Program Public Perception and Implication. Presented at the Association of American Geographers conference in Seattle, WA.
- 2011 Betts, A, and **Alsharif, K.** Assessment of a Countywide Stormwater Pond Improvement Project: Impacts of the Hillsborough County Adopt-A-Pond Program. Presented at the Association of American Geographers conference in Seattle, WA.
- 2010 **Alsharif, K.**, and Betts, A. Hillsborough County Adopt-a-Pond Assessment. ERIC. USF. Tampa.



- 2010 **Alsharif, K.** and Miller, N. Florida Communities Dependence on Gulf of Mexico Red Snapper (*Lutjanus campechanus*) Fisheries. Poster Presented at the SouthEastern Division of the Association of American Geographers (SEDAAG). Birmingham Alabama.
- 2010 **Alsharif, K** and Fouad, G. Ranking Lakes According to their Water Quality Indicators and land Use Cover. Presented at the Association of American Geographers conference in Washington D.C.
- 2010 **Alsharif, K.**, Tanveer, M., Corey, L., Ozan, L, and Natalie, P. Once a Week Water Irrigation Policy and its Impact on Water Consumption in the Tampa Bay Region. Presented at the Florida Society of Geographers conference in Tampa.
- 2009 **Alsharif, K.**, Ehsan, F., Raab, R., and Ulleberg, G. Global warming and environmental production efficiency ranking of the Kyoto Protocol nations. Presented at the Association of American Geographers conference in Las Vegas.
- 2009 **Alsharif, K.** A Comparative Analysis of the Palestinian Territories Technical and Financial Water Resources Management Indicators. Presented at the International Interdisciplinary Conference on the Environment. Daytona Beach, FL.
- 2009 Fouad, G, and **Alsharif, K.** Derived from a Data Envelopment Analysis (DEA) Examining the Relationship Between Lake Water Quality and Natural Land. Presented at the International Interdisciplinary Conference on the Environment. Daytona Beach, FL.
- 2008 **Alsharif, K.** Comparing the Technical and Financial Water Resources Management Indicators in West Bank to the Gaza Strip. Poster presented at the South-East Division of the Association of American Geographers (SEDAAG) conference in Greensboro North Carolina.
- 2008 **Alsharif, K.** Evaluating the Domestic Water Use Technical and Financial Indicators in the Palestinian Territories. Presented at the Association of American Geographers Conference in Boston.
- 2008 **Alsharif, K.** Construction and Storm Water Pollution, Violations and Penalties: A Minnesota Case Study. Presented at the Florida Society of Geographers in Miami.
- 2007 **Alsharif, K.** Middle East Water Management: A Look at Water Sustainability and Scarcity. A presentation at ERIC at USF.

## **OTHER CONFERENCES ATTENDED**

- 2009 Campus and Community Sustainability Conference. Tampa FL.
- 2007 South East Division Association of American Geographers (SEDAAG). Charleston, SC

## **COURSES TAUGHT:**

\* indicates a new course developed.

### **Undergraduate:**

EVR 2001	Introduction to Environmental Science
EVR 2001	Introduction to Environmental Science*, special course developed for ACE program.
EVR 2002	Environmental Science
EVR 2861	Introduction to Environmental Policy
EVR 4027	Wetland Environments
EVR 4930	Environmental Management*
EVR 4930	Environmental Regulations*
GEO 4284	Water Resources Management*
GEO 4280	Hydrology
GEO 4910	Individual Research

### **Graduate:**

EVR 6934	Environmental Management*
EVR 6216	Water Quality Policy/Management, Online School of Global Sustainability*
EVR 6216	Water Quality Policy/Management
EVR 6908	ESP Independent Study
EVR 6971	Thesis: Masters
GEO 6908	Independent Study
GEO 6918	Directed Research
GEO 7980	Doctoral Dissertation Research

## **GRADUATE STUDENT SUPERVISED AS MAIN ADVISOR**

### **Ph.D.**

- Michael Edeful-Ph. D. Dissertation Co-Director. Current.
- Amy Pritt- Ph. D. Dissertation Director. Current.
- Lubana Mazumder- Ph. D. Dissertation Director. Current.
- Osensang Pongen- Ph. D. Dissertation Director. Current.
- Nodjidoumde (Gino) Mbaigoto- Ph. D. Dissertation Director. Current.
- Md. Mahfujur Rahman- Ph. D. Dissertation Director. Current.
- Hannah Torres- Ph. D. Dissertation Director. **Graduated** 2017.

### **M.S.**

- Natalie Kuraya-Ziyadeh. Thesis Director. Current
- Fautemeh Bami- Thesis Director. Current.
- Margaret "Molly" Klinepeter. Thesis Director. **Graduate 2017.**
- Kristopher Gallagher- Thesis Director. **Graduate 2017.**
- Trista Brophy-Duran -Thesis Director. **Graduate 2016.**
- Justin Barthle-Thesis Director. **Graduate 2016.**
- Gabriella Balsam-Thesis Director. **Graduate 2016.**
- Anamarie, Rivera-Thesis Director. **Graduate 2016.**
- Kayla Ouellette-Thesis Director. **Graduated 2014**
- Ann Persaud- Thesis Co-Director. **Graduated 2014**
- Chloe Delhomme-Thesis Director. **Graduated 2012**
- Michelle Harmeling- Project Option Director. **Graduated 2012**
- Lin Ozan- Thesis Director. **Graduated 2011**

- Anthony Betts-- Thesis Director. **Graduated 2011**
- Shannon Ladd- Thesis Director. **Graduated 2010**
- Nathan Miller- Thesis Director. **Graduated 2010**
- Geoff Fouad- Thesis Director. **Graduated 2009**

**M.A.**

- Ana Gonzalez. Project Option Director. Patel College of Global Sustainability, **Graduate 2016.**
- Kristina Salzberg- Project Option Director. Patel College of Global Sustainability, **Graduate 2016.**
- Sarah Kane- Project Option Director. Patel College of Global Sustainability, **Graduate 2015.**
- Daniel Sternkopf- Project Option Director. Patel College of Global Sustainability, **Graduate 2015.**
- Austin Sipiora- Project Option Director. Patel College of Global Sustainability, **Graduate 2015.**
- Stephanie Fox- Project Option Director. Patel College of Global Sustainability, **Graduated 2014.**
- Christina Sayler- Project Option Director. Patel College of Global Sustainability, **Graduated 2013**
- Ashley Sabol- Project Option Director. Patel College of Global Sustainability, **Graduated 2013**
- Maria Booker- Project Option Director. School of Global Sustainability. **Graduated 2011**
- Shannee Green- Project Option Director. School of Global Sustainability. **Graduated 2011**

**GRADUATE STUDENT SERVED AS COMMITTEE MEMBER:****Ph.D.**

- Arsum Pathak-Current
- Saurav Chakraborty-Current
- Joseph England-Current
- Michelle Saunders-Current
- Ramona Madhosingh-Hector-Current
- Emily Wilkinson- Current
- Marwan Belaed- Current
- Rocío Lalanda-Current
- Ela Bialkowska-Jelinska-Current
- Dereje Gultineh-Current
- Chris Slater-Current
- Abolfazl Saghafi- Ph. D. Examining Committee Outside Chair-**Graduated 2017**
- Rebecca David-Current-**Graduated 2017**
- Bruce Mitchell- **Graduated 2017**
- Peter Nikhoma-Current- **Graduated 2016**
- Jose Moreno- Ph. D. Examining Committee Outside Chair-**Graduated 2015**
- Erick Ananga- **Graduated 2015**
- Veronica E. Aponte-Morales- **Graduated 2015**
- Rashid Alshatti- **Graduated 2015**
- Johanna Kovarik- **Graduated 2015**
- Thomas Lynn- Ph. D. Examining Committee Outside Chair-**Graduated 2014**
- Charles Paxton-**Graduated 2014**

- Seneshaw Tsegaye- **Graduated 2013**
- Jochen Eckart- **Graduated 2012**

**M.S./M.A.**

- Yasemin Tasci- current
- Barbara Nordheim- **Graduated 2017**
- Melissa Kerr- **Graduated 2017**
- Leliani Paxton-**Graduated 2016**
- Matthew Stanley- **Graduated 2014**
- Kristi N. Kauzlarich- **Graduated 2014**
- Erin Floto- **Graduated 2014**
- Camilla Hippolyte-**Graduated 2013**
- Louis Lizima - **Graduated 2012**
- Corey Leonard- **Graduated 2011**
- Justin Heller- **Graduated 2011**
- Rashid Alshatti- **Graduated 2011**
- Marina Foote- **Graduated 2010**
- Jennifer Kabat-**Graduated 2009**
- Sarah Malone-**Graduated 2009**
- Dan Hammond- **Graduated 2009**

**Comprehensive Exam, Plan B for M.S. and M.A. Students**

- Tiffany Harmon- comprehensive exam chair **Graduated 2017**
- Christina Makris- comprehensive exam chair **Graduated 2017**
- Amy Hyler- comprehensive exam chair **Graduated 2017**
- Steven Koster- comprehensive exam chair **Graduated 2017**
- Kelly Swanson- comprehensive exam chair **Graduated 2016**
- Robert Keene- comprehensive exam chair **Graduated 2016**
- John Marra- comprehensive exam chair **Graduated 2016**
- Richard McKenzie- comprehensive exam chair **Graduated 2016**
- Jennifer Passman- comprehensive exam chair **Graduated 2016**
- Garret Speed- comprehensive exam chair **Graduated 2016**
- Amanda Gillum- comprehensive exam chair **Graduated 2016**
- Lisa, Beyer- comprehensive exam chair **Graduated 2015**
- Jaime, Pena- comprehensive exam chair **Graduated 2015**
- Rajin Khanni-comprehensive exam chair **Graduated 2015**
- Jennifer Mores- comprehensive exam chair **Graduated 2015**
- Thomas, Toth- comprehensive exam chair **Graduated 2015**
- Joseph Kienke- comprehensive exam chair. **Graduated 2014**
- Kevin Slaughter- comprehensive exam chair. **Graduated 2014**
- Amy Beams- comprehensive exam chair. **Graduated 2014**
- Barbara Heisey-comprehensive exam chair. **Graduated 2013**
- Todd Bogner- comprehensive exam. **Graduated 2012**
- Ashley Nichol- comprehensive exam. **Graduated 2012**
- Daniel Merced- comprehensive exam- **Graduated 2012**
- Ed Kopp- comprehensive exam- **Graduated 2012**
- Chris Klug- comprehensive exam. **Graduated 2010**
- Christian Camphire- comprehensive exam. **Graduated 2009**

**GRADUATE THESES AND DISSERTATIONS SUPERVISED:**

- 2017 "How Lessons from a Past Disaster Can Influence Resilience and Climate Adaptation in Broward County, Florida" by Hannah Torres, Dissertation.
- 2017 "Stormwater infiltration and groundwater integrity: An analysis of BMP siting tools and groundwater vulnerability" by Kristopher Gallagher, Thesis
- 2017 "An Assessment of Constructed Wetland Treatment System Cells: Removal of Excess Nutrients and Pollutants from Municipal Wastewater in Lakeland, Florida" by Molly Klinepeter, Thesis.
- 2016 "A Review of Reclaimed Water for Irrigation Use in an Urban Watershed" by Anamarie Rivera, Thesis.
- 2016 "Analysis of Managerial Decision-Making within Florida's Total Maximum Daily Load Program" by Justin Barthle. Thesis.
- 2016 "Decision Support Systems for Water Management: Investigating Stakeholder Perceptions of System Use" by Gabriella Balsam. Thesis.
- 2016 "Environmental and Community Health in South San Diego County: A Behavior Analysis of Recreational Ocean Users Along Imperial Beach, California" by Trista Brophy-Duran.
- 2014 "Agriculture, Environmental Restoration and Ecosystem Services: Assessing the Costs of Water Storage on Agricultural Lands in South Florida" by Kayla Ouellette. Thesis.
- 2014 "Still Waters Run Deep: Landscaping Practices, Community Perceptions, and Social Indicators for Stormwater Nonpoint Source Pollution Management in Manatee County, Florida" by Ann Persaud. Thesis co-advised with Dr. Akiwumi.
- 2012 "Assessment of the Current Caloosahatchee River Oxbows Morphology and its Evolution Over Time: A Case Study in South Florida" by Chloe Delhomme. Thesis.
- 2011 "Assessment of a Countywide Stormwater Pond Improvement Project: Impacts of the Hillsborough County Adopt-A-Pond Program" by Anthony Betts. Thesis.
- 2011 "Evaluating the Effectiveness of Irrigation Restrictions within Key Tampa Communities". By Lin Ozan. Thesis.
- 2010 "The Gulf of Mexico Red Snapper Individual Fishing Quota Program Public Perception and Implication" by Nathan Miller. Thesis.
- 2010 "A Retrospective Analysis of the Potential Environmental Stressors Responsible for the Decline of the Natural Populations of the Florida Apple Snail (*Pomacea paludosa*) in the A.R.M. Loxahatchee National Wildlife Refuge" by Shannon Ladd. Thesis.
- 2009 "Assessing the Performance of Water Bodies in Hillsborough County, Florida Using Data Envelopment Analysis (DEA)" by Geoffrey George Fouad. Thesis.

**GRADUATE PROJECT OPTION REPORT SUPERVISION:**

- 2016 "A Comparative Analysis of Portland, Oregon as an Eco-City and How to Implement Eco-Sustainable City Components to the South Florida Metropolitan Area" by Ana Gonzalez, College of Global Sustainability.
- 2016 "Sustainability Management for the Apparel Industry: Assessing Needs and Software Effectiveness" by Kristina Salzberg, College of Global Sustainability.
- 2015 "Watershed Management Practices and Policies In Urban Environments: A Comparison of the United States and Australia." By Sara Kane, College of Global Sustainability.
- 2015 "Green Infrastructure & Ecosystem Services in Victoria, BC." By Daniel Sternkopf, College of Global Sustainability.
- 2015 "Community-Based Monitoring in the Republic of Ireland: Fulfilling the Public Participation Requirements of the EU Water Framework Directive." By Austin, Sipiora, College of Global Sustainability.
- 2014 "Nitrates Directive, Sustainability Management, and Systems Thinking to Improve the Numeric Nutrient Criteria in Florida." By Stephanie Fox, College of Global Sustainability.
- 2013 "Traditional Ecological Knowledge in Peru: The Missing Link in the Practical Application of Ecosystem Services" by Christina Saylor, College of Global Sustainability.
- 2013 "Exploring Discrepancies between Current Economic Framework and Sustainability Principles" by Ashley Sabol, College of Global Sustainability.
- 2011 "A comparison of solid waste infrastructure and reported cases of malaria between three communities in Accra, Ghana" by Maria Booker, School of Global Sustainability.
- 2011 "Singapore's Sustainable Urban Water System: A potential reference for the urban water development of the Sino-Singapore Tianjin Eco-City" by Shannee Green, School of Global Sustainability.
- 2009 "Assessment of Mandatory Phosphate Mining Wetland Reclamation in the Peace River Basin" by Michelle Harmeling. Environmental Science and Policy Program.

**SERVICE AND COMMITTEES:**

- 2017-Current Faculty Senate, USF.
- 2017-Current Graduate School Committee for Geography and Environmental Science and Policy.
- 2017-Current Tampa Bay Association of Environmental Professionals Student Chapter at USF, Faculty Advisor.
- 2016-Current School of Geosciences, Faculty Advisory Committee and Faculty Evaluation Committee.

2016-Current	Middle East Specialty Group with AAG, Awards Committee Chair.
2014-Current	Graduate Director-Geography and Environmental Science and Policy, School of Geosciences (SGS).
2014-Current	Water Institute Advisory Group member, USF.
2014-2015	Post Doc Presidential Fellowship SGS Committee.
2015-2017	Tharp Fellowship Students Awards Committee Chair, Spring and Fall
2013-2014	Association of American Geographers (AAG), Local Arrangements Committee and Field Trips Committee for annual meeting in Tampa, FL.
2014-2015	Water Resources Specialty Group with the AAG. Director.
2012-2015	Advisory committee of Student Green Energy Fund (SGEF).
2014-2015	Tenure and Promotion Committee, School Geosciences.
2013-2014	Undergraduate Committee of the School of Geosciences.
2012	South-East Division of the Association of American Geographers (SEDAAG) Program Committee for the Annual Meeting, Asheville, NC.
2011	South-East Division of the Association of American Geographers (SEDAAG) Program Committee for the Annual Meeting, Savannah, GA.
2011-2015	Sustainable Cities Working Group at the University of South Florida
2010-2013	M.A. in Global Sustainability Program Advisory Committee member. Help with setting up the program and program development with focus on water.
2010-2013	Undergraduate Environmental Science and Policy Program Committee
2010-2013	Environmental Science and Policy Certificate committee
2010-2014	Tharp Fellowship Students Awards Committee
2009-2011	Geography Club Advisor
2009-2011	Co-Chair Middle East Specialty Group with the Association of American Geographers.
2009-2010	Florida Geographer Conference Planning Committee, Awards Committee Chair.
2009-2013	College of Arts and Sciences Grievance Committee.
2008-2010	Water Resources Specialty Group with the Association of American Geographers. Awards Committee
2009	Environmental Science Policy Advisory Committee

2009	Stowers Awards Committee.
2008	GIS Faculty Position Search Committee.
2008	Ad Hoc Committee: Student Travel Grant Committee member. Review the applications and made recommendations to the Geography Department Chair.
2007-current	Environmental Management Certificate Program Committee
2007-2008	Environmental Science Program Ad Hoc Committee
2007-2009	GIS Faculty Position Search Committee.

### **CURRENT MEMBERSHIP OF PROFESSIONAL ORGANIZATION:**

2017-Current	Tampa Bay Association of Environmental Professionals and Florida Association of Environmental Professionals.
2017-Current	Applied Geography Specialty Group with the Association of American Geographers
2008-Current	Middle East Specialty Group with the Association of American Geographers
2008-Current	Water Resources Specialty Group with the Association of American Geographers. Awards Committee
2007-Current	Association of American Geographers (AAG)
2014-2016	Water Resources Specialty Group with the Association of American Geographers. Director
2013-2016	Treasurer and Secretary of Middle East Specialty Group with the Association of American Geographers.
2014-2015	North American Lake Management Society
2007- 2012	Florida Society of Geographers (FSG)
2007- 2012	South-East Division of the Association of American Geographers (SEDAAG)
2011-2012	North American Lake Management Society
2011-2012	American Fisheries Society
2008- 2011	Co-Chair Middle East Specialty Group with the Association of American Geographers.



**JOURNALS REVIEWED ARTICLE FOR:**

- Applied Geography Journal
- Central European Journal of Operations Research
- Geographical Bulletin
- Journal of Environmental Management
- Journal of Flood Risk Management
- Journal of Geography and Natural Disasters
- Journal of Water Resources Planning and Management
- Papers in Applied Geography
- River Research and Applications
- Southeastern Geographer
- Sustainable Cities and Society
- Urban Design and Planning
- Urban Water Journal
- Water Resources Management
- Water Policy

**LEADERSHIP POSITIONS AND PROGRAM MANAGEMENT:**

- 2014            Chaired a session “Water Resources and Hydrology in the American South.” at the Association of American Geographers (AAG) annual meeting in Tampa, FL.
- 2013-2014     Local arrangements, and the field trip committee for the Association of American Geographers (AAG) annual meeting in Tampa, FL.
- 2013-2014     Organized and chaired a session and the Association of American Geographers (AAG) annual meeting in Tampa, FL.
- 2013-2014     Planned and organized two field trips, and I was a leader on another two field trips for the Association of American Geographers (AAG) annual meeting in Tampa, FL.
- 2012            Chaired a session “Water Resources Politics” at the Association of American Geographers (AAG) annual meeting in New York City, NY.
- 2012            South-East Division of the Association of American Geographers (SEDAAG). Conference program committee. Asheville, North Carolina.
- 2011            South-East Division of the Association of American Geographers (SEDAAG). Conference Program Committee. Savannah, Georgia.
- 2011-2012     I supervised a graduate student field research project to address the oxbow lakes restoration on the Caloosahatchee River.
- 2010-2011     I supervised a graduate student field research project to address the impact of the Adopt a Pond program in Hillsborough County.
- 2010            I organized a workshop at the Association of American Geographers meeting in Washington D.C. Title Simple Tools for Lake and Watershed Assessment.
- 2007            Watershed Partners team member, Twin Cities, MN.
- 2007            Water Resources Coordinators team member, Twin Cities, MN.

- 2007 Regional Stormwater Protection Team member, Duluth, MN
- 1998 - 2006 Served on the St. Louis River Citizen Action Committee board and helped St. Louis River Citizen Action Committee stewardship subcommittee. Helped the subcommittee with the annual awards planning.
- 2000 - 2002 State Wide Envirothon planning and coordination. Planned and organized the State Envirothon. Represented Minnesota at the national level and attended the National Envirothon winter meeting in Dallas, TX (2001).
- 2000-2002 Environmental Quality Incentive Program (EQIP) education leader in Northeast Minnesota. Provided assistance to people who wrote EQIP education proposals, and evaluated the submitted proposals.
- 1998 –2002 Served on Minnesota Association of Soil and Water Conservation District (MASWCD) education committee.
- 1998-2002 Assessed the water education needs in the northern half of the state. Provided support and guidance to local government units in Hubbard, Cass, West-Otter Tail, Grant, Wilkin, Kittson, and others.
- 2000 – 2001 Established Northwest Minnesota Water Quality Team. Organized meetings so different local government units could talk about issues and plan educational programs.
- 2001 Formed a committee and co-planned the Make A Splash Festival for five counties in northwest Minnesota and taught a session at the successful event.
- 2001 Served on the Dean’s Distinguished Extension Awards committee. Reviewed applications and decided on the final winners.
- 2000-2001 Served on the Guidebook for Lake and River committee. Reviewed the web site information and provided support to the leading staff.
- 2000 Worked with the DNR lakeshore technical team to plan and deliver shoreland education workshops (Lakescaping for Wildlife and Water Quality).
- 1999 Worked with the Mississippi Headwater Board to plan a workshop about riparian land Best Management Practices.
- 1999 Co-organized the Alternative Septic Workshop for Pine, Isanti, Chisago, Kanabec, and Mille Lacs counties.
- 1999 Coordinated a committee to look at the success of water planning in the State of Minnesota from 1989 to 1999.
- 1998 Facilitated and organized two Educating Young People About Water workshops for the local government units in St. Cloud and Crookston, in MN.
- 1998 Organized a coordinated a tour to visit the Alternative Onsite Treatment Systems north of Duluth.
- 1998 Served on Board of Water and Soil Resources communication team. Reviewed their policies, and helped with the internal communication of the agency.

- 1996 Planned and organized "Minnesota River Workshop" for teachers in Mankato, MN.
- 1996 Worked with other AmeriCorps members on planning the annual retreat for AmeriCorps in southern Minnesota and served on the evaluation team.
- 1995-1997 Served as a member of the newsletter committee of AmeriCorps in southern Minnesota.

## **OTHER CONFERENCE EXPERIENCE:**

- 2002 Co-taught a session about groundwater, wells, and drinking water protection and treatment at the Rural Living Expo in Mora, MN.
- 2001 Facilitated a session, Watershed Message, at the Water Planners conference in Bemidji, MN.
- 2001 Taught a session about water pollution solutions at the Minnesota Million Acres conference in Duluth, MN.
- 1998-2000 Served on the Minnesota Association of Soil and Water Conservation Districts Annual Conference planning committee and taught a session about water education in Duluth, MN.
- 2000 Served on the State of MN Water Planning Conference committee.
- 1999 Co-chaired the St. Louis River Rally Conference committee in Superior, WI.
- 1999 Taught at the St. Louis River Watch Conference, Cloquet, MN.
- 1999 Co-facilitated a Project Wet session at the Water Planners Conference in Crookston, MN.
- 1999 Taught about BMPs at the Agriculture Instructors annual conference, Duluth, MN.
- 1999 Co-taught a session at the Water Resources in the Northern Region Conference, Brainerd, MN.
- 1998 Assisted the Minnesota Lake Association with their annual conference and organized the resources room in St. Cloud, MN.
- 1998 Served on the planning committee of the N.E. District of Minnesota Extension Service annual conference, planned the agenda, and conducted an evaluation exercise.

## **RECENT PROFESSIONAL DEVELOPMENT IN THE AREA OF TEACHING**

- 2014 To 101: How to Teach Online. USF.
- 2009 Developing Students' Critical Thinking Skills, Center for 21st Century Teaching Excellence, USF.

- 2009 Active Learning: Practical Applications to Promote Passion and Ration, Center for 21st Century Teaching Excellence, USF.
- 2009 Defining, Assessing, and Documenting Student Learning: Basics and Beyond, Center for 21st Century Teaching Excellence, USF
- 2009 Using the ideas of others: Citing Sources and Avoiding Plagiarism, Center for 21st Century Teaching Excellence, USF.
- 2009 Integrating Sustainability into the Syllabus, Campus and Community Sustainability conference at USF.
- 2008 Basics of Assessment . Assessment of Student Learning: Basics and Beyond, Center for 21st Century Teaching Excellence, USF.

**ADDITIONAL TEACHING EXPERIENCES:**

- 1999-2001 Served on the planning committee and taught at the River Quest, Duluth, MN.
- 2000-2001 Taught at the Environmental Day in Isanti County, Forestry Days at the Cloquet Forestry Center, planned and taught at the Sherburne County Environmental Days.
- 1999-2000 Taught at the Douglas County Groundwater Festival, Alexandria, MN, taught at the Metro Children Water Festival in St. Paul, MN, taught at the Duluth Environmental and Conservation Days, Duluth, MN, and taught at the Red Lake County Environmental Day, Oklee, MN,
- 1999-2000 Facilitated Project Wet workshops for the local government units in St. Cloud, and Crookston, MN.
- 1999 Taught at the Lake Superior youth symposium, Finland, MN.
- 1998-1999 Taught at the Area II and III Envirothons.

**OTHER EXPERIENCES:**

- 2007 Watershed Partners team member, Twin Cities, 2007.
- 2007 Water Resources Coordinators team member, Twin Cities, 2007.
- 2007 Regional Stormwater Protection team member, Duluth, MN 2007.
- 1998-2002 Served on the Arrowhead Water Quality Team, assisted the team with the videos, and other publications and outreach effort.
- 1998 –2002 Served on the PICKM Water Quality team. Worked with the team on conducting water education in the five counties, and helped to organize the stream monitoring workshops.
- 1999-2002 Helped to plan the two-month events for the Math and Science Camp for White Earth Reservation youth. Taught sessions in 1999 and 2001.
- 2001 I was awarded a paid study leave for full semester to focus on my Ph. D.
- 2000 Attended a two-day facilitation workshop, Duluth, MN.

- 1999 Worked with the Minnesota Extension Service Water Quality Leadership team on their five-year strategic plan.
- 1998 Assisted the Vision of Change group to deliver environmental education to the White Earth Reservation.
- 1996-1997 Completed forty hours of OSHA training. Completed community First Aid & Safety instructor training.