Ph.D. (Civil and Environmental Engineering)	University of Maine	1998
M.S. (Civil Engineering)	University of Maine	1993
B.E. (Civil Engineering)	Osmania University	1991

07/2022 - Present: William B. and Mary G. Mitchell Endowed Chair in Engineering, Lamar University
07/2002 - Present: Professor and Chair, Civil and Environmental Engineering, Lamar University
09/2021 – 07/2022: Co-Director, Texas Produced Water Reuse Consortium
09/2018 –

2021 – Present: Associate Editor (Water Resources Management); Frontiers of Water; Frontiers, UK
2010 – 2017: Associate Editor, Journal of American Water Resources Association; Wiley Interscience Inc.
2004 – 2013: Editorial Board – Clean Technologies and Environmental Policy; Springer Verlag Inc.
2007: Guest Editor – System Analysis Techniques for Aquifer Management in South Texas; Environmental Geology; Springer Verlag Inc.
2014: Guest Co-Editor– Aquifer Management in Semi-Arid South Texas – Advanced Decision Support Systems (AMISTADss); Environmental Earth Sciences; Springer-Verlag Inc

- American Water Resources Association (AWRA)
- National Groundwater Association (NGWA)
- University Council on Water Resources (UCOWR) – Lead Delegate
- American Society of Engineering Education (ASEE)

- Review Panel – National Science Foundation, Washington,DC
- Reviewer – Site Visit Committee – Natural Sciences and Engineering Research Council, Canada
- Reviewer for all major journals in Hydrology, Water Resources and Environmental Engineering

2017 – 2019: Chair Organizing Committee, American Water Resources Association, 2019 Summer Specialty Conference –Minimizing Water Risks through Resilient Adaptation
2017 – 2020: Co-Chair, Future Risks (Climate Change, Natural Disasters) Committee, American Water Resources Association
2015 – 2020: Member, Groundwater Modeling Advisory Panel, National Groundwater Association
2012 – Present: Lead Delegate of Texas

University Raider Press; Open Education Resource (OER) Textbook (Forthcoming Fall 2022)

A. Gupta, V. Uddameri, et al., (2023); ;
CRC Press (Forthcoming)

V. Uddameri, A. Ghaseminejad, E. A. Hernandez (2021); Crop Yield Reliability under Water Availability Risks; Agricultural Water Management (submitted, revisions being completed)

F. Forghanparast, E. A. Hernandez,

M.

V. Uddameri, S. Singaraju, A. Karim, P. Gowda, R. Bailey and M. Schipanski (2017); Understanding Climate-Hydrologic-Human Interactions to Guide Groundwater Model Development for Southern High Plains; 77-99

E. A. Hernandez and V. Uddameri (2016); Heard it through the Grapevine - Using Social Network Analysis to Understand Informal Pathways of Learning in an Engineering Hydrology Class; ; 158(1), 85-97

Menkiti, M. C., Ndaji, C. R., Ezemagu, I. G., & Uddameri, V. (2016); Application of Periwinkle Shell Coagulant (PSC) for the Remediation of Petroleum Produced Water (PPW) by Coag-Flocculation; ; 37(6), 760-774

Imteaz, Monzur A., Venkatesh Uddameri, and Amimul Ahsan (2016); Numerical model for the transport and degradation of pollutants through wetlands; ; 10(1); 1-12

Menkiti, M. C., M. I. Ejimofor, I. G. Ezemagu, and V. Uddameri (2016); Turbid-Metric Approach on the Study of Adsorptive Component of Paint Effluent Coagulation Using Snail Shell Extract; ; 1-17

- Hernandez, E. A., & Uddameri, V. (2015); Simulation-ar,r3-14 T(h)-0 (V)-4.2u(,)6.9 l9 (h3.3.9 (h)-0t6 6-1i(r)-2.3(s9.)-

Uddameri, V., Singaraju, S., & Hernandez, E. A. (2014); Identifying influencing wells for gradient estimation in the confined portion of the Gulf Coast aquifer near Kingsville, TX. , *71*(6), 2629-2640

Uddameri, V., Singaraju, S., & Hernandez, E. A. (2014); Impacts of sea-level rise and urbanization on groundwater availability and sustainability of coastal communities in semi-aridS South Texas; , 71(6), 2503-2515 -

Uddameri, V., & Andruss, T. (2014); A GIS-based multi-criteria decision-making approach for establishing a regional-scale groundwater monitoring; ; *71*(6), 2617-2628.

Uddameri, V., & Andruss, T. (2014); A statistical powe

Review; ; 78 (10): 1802 - 1808

V. Uddameri and S. Mohan (2006); An Optimal Control Approach to Assess Baseflow Externalities; 8 (4): 261-272

V. Uddameri (2005); Groundwater and Sustainability; ; 7: 1 -2

S. Jones and V. Uddameri (2005); Hazardous Waste Assessment Management and Minimization-A Review; ; 77: 2310-2143

S. Jones and V. Uddameri (2004); Hazardous Waste Assessment Management and Minimization – A Review; 76(6); 1857-1871

V. Uddameri (2004); Relationships of Longitudinal Dispersivity and Scale Developed from Fuzzy Least square Regression; ; Vol 45(8); 1172-11178

8 V. Uddameri and M. Kuchanur (2004); F4.8 (4)11 (5(O6 6 Develoe17o6eg.9 (r)-3 (nc 0.011e)4.8 (2 r(e

P. Roberts, A. Sharma, V. Uddameri, L. Steck (2001); Enhanced DNAPL Transport in a Sand Core during a Dynamic Stress Stimulation; ; Vol 18(2); 67-80

V. Uddameri, S. Norton, J. Kahn, J. Scofield; (1995); Randomized Intervention Analysis of the Response of West Bear Brook Watershed in Maine; ; 79(1/4); 131-140

B. Guerrero, Jourdan Bell, Dana Porter, John Tracy, Chuck West, and Venki Uddameri (2021);
The Importance of Best Management Practices, Policy Analysis, and Modeling Future Projections for the Ogallala Aquifer in

Uddameri, V. (2018); Times They Are a Changin'—The Altered Landscape of Technical Publishing; ; 54(1), 1-4.

Uddameri, V. (2018); Publishing in the Journal of the American Water Resources Association; ; 54(3), 583-585.

Uddameri, V. Big Data, Computing, and Water ResouUC.TJ0 f.refòW V.C.TJ2.8 (V.C.TJ2.J2.8 (in)2.3 (g)2.6 (,)-1 (a

American Broadcasting Corporation (ABC), KCBD Lubbock, http://www.kcbd.com/story/30601070/kcbd-investigates-whats-in-your-water (part 1)

V. Uddameri (2015); Television Interview - What's in your Water - Interview; American Broadcasting Corporation (ABC), KCBD Lubbock, TX; http://www.kcbd.com/story/30601070/kcbd-investigates-whats-in-your-water (part 2)

V. Uddameri (2014); News Feature Interview - Texas Perspective – Water;
http://video.klru.tv/video/2365345995/
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Resources Management in the 21st Century; Arab Academy of Sciences Annual Meeting, Dec. 2015, Amman Jordan.

V. Uddameri (2014); Importance of Groundwater for Sustainability of Arid and Semi-Arid Regions of the World; Plenary Presentation; Arab Academy of Sciences; Beirut, Lebanon, Dec 2014
)

E. A. Hernandez, S. Singaraju, V.Uddameri (2013); An Integrated Optimization Model for Wind-Driven Desalination of Brackish Groundwater Resources. 2013 - AWRA Annual Water Resources Conferences, American Water Resources Association, Portland, Oregon

V. Uddameri, M. A. Arreola, E. A. Hernandez (2013); A Multi-

Climate Conference; Anchorage AK; May 4 - 6

V. Uddameri and E. A. Hernandez (2009); Management of Agricultural Water Resources under uncertainty; American Water Resources Association – Managing Water Resources in a Changing Climate Conference; Anchorage AK; May 4 - 6

M. Kuchanur, V. Uddameri and N. Blandford (2008); A Fuzzy Goal Programming Approach for Groundwater Management in Refugio County, TX; Geological Society of America Annual Meeting; Houston, TX Oct. 4 – 6.

V. Uddameri (2008); A Simulation-Optimization Model for Transport of Hazardous Wastes from Maqiladora's along US-

eri V.dam

Categorization of Watersheds Along the Texas Gulf Coast for State and Regional Flood Planning Activities; (J. Benavides (UTRGV) and V. Uddameri (TTU); $100,000 (TTU share: 50K); Aug 2020 – Aug 2022; (status: Active)

Evaluation of the Edwards-Trinity (High Plains) Aquifer as an alternative Source of Water in the Southern High Plains Region of Texas; V. Uddameri, PI; $51,000; ; $51,000 (Oct. 2021 – Oct 2022); (status: Active)

Data and Informatics in Civil Engineering (DICE) – Online Graduate Certificate Program Development; $30,000 Feb 2020 –

Texas Water Project Supporting the Future Economic Needs of the State;
D. Reible (PI), V. Uddameri (co-PI); $52,000 ; Sep 2015 – Aug., 2016; Status - Completed

Water for Food, Energy and Resources Sustainability (WAFERS) Cluster;
; $210,000; V. Uddameri (PI); Glenn Cummins, Tom Arsuffi, C. West, D. Reible (Co-PIs); March 2014 – Sep. 2017; Status – Completed

Characterization of Brackish and Produced Waters and their Suitability for use in Unconventional Oil and Gas Production; ; $100,000 D. Reible (PI); V. Uddameri, C. Chen, M. Watson (co-PIs); Jan 2014 – Aug 2015; Status - Completed

Phase-I Assessment of Groundwater Resources in Irion and Sterling County Texas;
$30,000; K. Rainwater (PI); V. Uddameri, T. Cleveland, E. A. Hernandez (co-PIs); March 2013 – Sept. 2013. Status – Completed.

Research on Environmental Sustainability of Semi-Arid Coastal Areas (CREST-RESSACA);
; V. Uddameri, PI; K. Jones; J. Ren and D. Ramirez (Co-PIs); $ 5,000,000.00; Sep. 2007 – Aug 2012; Served as the project director 2009 - 2012 (status: completed)

Characterizing Non-Point Source Contributions from Agricultural Field Runoff in Arroyo Colorado River Watershed, TX; TAMUK is Sub-contract to Texas Water Resources Institute $400,000; Dec. 2008 – Feb. 2012; PI; (Status: Completed)

Water Quality Modeling and Characterization in the Capri Baribe River Watershed, Pernambuco, Brazil;
V. Uddameri (TAMUK); E. A. Hernandez and A. C. Correa (TTU); $100,000; October 2009 – August, 2011; PI (Status: Completed)

Water Balance and Groundwater Flow Studies in Mission River Watershed;
$39000; Dec. 2007 – June 2009; PI; (Status: Completed)

Groundwater Modeling to Estimate Water Availability in Victoria County, TX;
$40,000; Oct. 2006 – Sep. 2007; PI; (Status - Completed)

Hydrologic Investigations in Support of Aquifer Management in Kenedy County Groundwater Conservation District; $25, 000.00 Jan 2006 – Jan 2007; PI; (Status - Completed)

An Assessment of Urbanized Induced Stresses in Coastal Bays and Estuaries of South Texas;
$300,000.00; Sep 2003 –

$5000 + $10,000 Match; Feb 2005 – Feb 2006; PI; (Status – completed)

Hydrologic and Hydrogeologic Data Compilation for Groundwater Availability studies for Kenedy Groundwater Conservation District, $6,000; Jun 2005 – Oct 2005; PI; (Status – completed)

A Fuzzy Sets Approach for Calculating Sustainable Groundwater Yields;
$5000+ $10,000 Match; Feb 2004 – Feb 2005; PI; (Status – completed)

Investigation of Groundwater Resources and Availability in Refugio County, TX;
$30,936; Jun 2002 – Jun 2003; PI; (Status: completed)
Development and Application of a Multimedia Model for Persistent Organic Pollutants in South Texas; $6770.00; March 2003 – Sep. 2003; PI (Status – completed)

Assessment of Hydrologic and Hydrogeologic Characteristics for Groundwater Availability and Management in Refugio County, TX; $31658.74; Oct 2003 – Jan 2005; PI; (Status – completed)

Enhancing Instrumentation Capabilities at TAMUK to Perform Advanced Environmental Research;
$399,897.00; Oct 2003 – Oct 2004; PI; (Status - completed)

A Multicounty Groundwater Availability Model in Central Gulf Coast Aquifer Texas;
Dk38 4-9.dvIpa Guearcri,t

Integrating SWAT-

: Structural and Application enhancements to aquifer vulnerability characterization; Currently Associate Fellow TERI, India

: Surfacewater-Groundwater interactions in the Mission River Watershed, TX; Currently with MWH Americas, Sacramento, CA

: Risk-Based Total Maximum Daily Load (TMDL) allocation schemes; Currently Associate Professor Texas Tech University

: Mathematical modeling for sizing constructed wetlands subject to intermittent loadings; Dec 2006; Currently with USEPA, Cincinnati

Simulation-Optimization modeling for sustainable groundwater management; Aug 2006 Currently with Wyoming Department of Environmental Protection

Jawwad Siddique: Characterizing Watersheds along the Texas Gulf Coast for Regional Flood Mapping and Planning; Expected Completion Date Summer 2022.

Ms. Eva Schexnider: Comparison of Stationary and Non-Stationary Models for Assessing Flood Risks and Return Periods in the Greater Houston Area – Pre and Post-Hurricane Harvey (Report Option); Graduated Spring 2021

Mr. Henry Forku Boateng: Spatial Variability of Geochemical Evaluation of Groundwater in Dockum Hydrostratigraphic Unit, Texas; Spring 2021

Mr. Aalok Sharma Kafle: Hydroclimatic Influences over the Ogallala Aquifer Region of the US – Relational Database Development and Trend Analysis; Graduated Spring 2021

Ms. Ghazal Mohammadi: Recurrent Neural Network Models to Predict Groundwater Dynamics in Edwards Aquifer, TX; Graduated Summer 2020 (report option)

Mr. Deepak Bhandari: Evaluation of Joint risks of Arsenic and Nitrate Exceedance using Probit Models; Spring 2020; (report option)

Mr. Kenneth Nwpanka: Baseflow Recession and its Relationship to Meteorological Drought in the Llano River Watershed; Graduated August 2016

Mr. Juan Guiterrez: Modeling the saturated thickness of the Ogallala Aquifer using Geographically Weighted Regression; Graduated August 2014

Mr. Michael Holmberg: Surface Water-Groundwater Interactions in Fountain Creek Watershed, CO; Graduated August 2014

Mr. Marcelo Arreola: A Simulation-Optimization Model for Conjunctive Management of Choke Canyon and Lake Corpus Christi Reservoirs and Proposed Corpus Christi Aquifer Storage and Recovery (ASR) Facility; Graduated December, 2011

; 2nd Prize at the Environmental Sustainability Conference; Houston, TX, April 2012

; Provost Award for Best Presentation at the Fall Javelina Research Symposium; Texas A&M University-Kingsville, TX, October 2011

; 1st Place Poster Competition (Water Policy); Texas Water 2004 – Towards

Tech University, Lubbock, TX, Fall 2014 – Summer 2016

Chair, Research Active Faculty Definition Committee, Department of Civil, Environmental and Construction Engineering, Texas Tech University, Lubbock, TX, Spring 2014 – Fall 2014

Member, Curriculum Committee, Department of Civil, Environmental and Construction Engineering, Texas Tech University, Lubbock, TX, Fall 2012 – Present

Chair, Department of Civil and Environmental Engineering Chairman Search Committee; Fall 2013 – Summer 2014.

Short-Course/Workshop presented at Jimma Institute of Technology, Jimma, Ethiopia; June 12 – 15, 2018

Indian Institute of Technology-Kharagpur; Global Initiative of Academic Networks (GIAN) Program – Ministry of Higher Education, Government of India;

in Texas (collaboration with Tommy Dang, Asst. Professor in Computer Science, TTU); Fall 2016

Traveled to Oman as part of TTU delegation to establish research collaborations on water resources issues related to food-water nexus in arid and semi-arid regions; January 5 – 12, 2017

Developed Video modules on Brackish Groundwater Resources and Water Conveyance Infrastructure to assist with Regional Workforce Development; Spring 2017

WateR – Using R for Water Resources – Open Source Tutorials to teach the use of R programming Language Techniques for use in Hydrology and Water Resources.
https://www.researchgate.net/project/WateR-R-for-Water-Resources