TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Nathan Allen Currit Title: Associate Professor

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
PhD	2003	The Pennsylvania State University	Geography	Environmental Dependency: Maquiladoras as Drivers of Land Use and Land Cover Change in Chihuahua, Mexico
MS	1998	Brigham Young University	Geography	Bering Sea Ice Classification Using NASA Scatterometer Data
BS	1997	Brigham Young University	Cartography and GIS	

C. University Experience

Position	*University*	*Dates*
Associate Professor	Texas State University	2011-present
Assistant Professor	Texas State University	2005-2011
Visiting Assistant Professor	Central Washington University	2004-2005
Post-doctoral Researcher	The Pennsylvania State University	2003-2004

D. Relevant Professional Experience

E. Other Professional Credentials (licensure, certification, etc.)

II. TEACHING

A. Teaching Honors and Awards:

2. The Graduate Student Forum Outstanding Professor Award, 2011
1. Certification for "Program for Excellence in Teaching and Learning." 2006.

B. Courses Taught:

16. Geographic Applications of Remote Sensing (GEO 7415)
15. Global Land Dynamics (GEO 7370)
14. Topics in Remote Sensing (GEO 7366)
13. Remote Sensing of Environment (GEO 7316)
12. Geographic Information Systems I (GEO 5418)
11. Geographic Applications of Remote Sensing (GEO 5415)
10. Environmental Problems on the US-Mexico Border (GEO 5318)
9. Advanced GIS I (GEO 4426)

8. Digital Image Processing (GEO 4412)
7. Principles of Remote Sensing (GEO 3416)
6. Advanced remote sensing (Central Washington University)
5. Global land-use: patterns and processes (Central Washington University)
4. Introduction to physical geography (Central Washington University)
3. World regional geography (Central Washington University)
2. Geographic Perspectives on Human-Environment Relations (Penn State University)
1. Cultural Ecology and Geography (Penn State University)

C. Graduate Theses/Dissertations or Exit Committees (if supervisor, please indicate):

PhD Supervisor		
	6.	Zahra Ghaffari
	5.	Kumudan Grubh
	4.	John Klier
	3.	Naizhuo Zhao, 2014
	2.	Jiao Wang, 2012
	1.	Xuelian Meng, 2010
Masters Supervisor		
	7.	Kristina Tolman, 2014
	6.	Warren Grannis, 2012
	5.	Kevin Gilsdorf, 2012
	4.	Clint Harper, 2012
	3.	Mohan Rao, 2009
	2.	Leon Kincy, 2009
	1.	Jay Behrends, 2007
PhD Committee Member		
	8.	Evan Dart (UTexas Environmental Chemistry)
	7.	Ryan Schuermann
	6.	Faisal Anzah
	5.	Tim Fotinos (Biology)
	4.	Clayton Whitesides, 2012
	3.	Desserae Shepston, 2012
	2.	Eric Samson, 2011
	1.	Xueqin (Elaine) He, 2009
Masters Committee Member		
	9.	Ethan Roberts
	8.	Melanie Delion, 2014
	7.	Barry Walker, 2013
	6.	Ashley Hurst (Anthropology), 2010
	5.	Leonard Oliver (Biology), 2008
	4.	James Dietrich, 2008
	3.	Michelle Bussemey, 2007
	2.	Catherine Cunningham, 2006

	1.	Ellen Cagle, 2006

D. Courses Prepared and Curriculum Development:

[11] Environmental Problems on the US-Mexico Border (GEO 5318)

[10] Global Land Dynamics (GEO 7370)

[9] Geographic Information Systems I (GEO 5418)

[8] Topics in Remote Sening (GEO 7366)

[7] Geographic Applications of Remote Sensing (GEO 7415/5415)

[6] Remote Sensing of Environment (GEO 7316)

[5] Digital Image Processing (GEO 4412)

[4] Principles of Remote Sensing (GEO 3416)

[3] Advanced GIS I (GEO 4426)

[2] Advanced remote sensing (Central Washington University)

[1] Global land-use: patterns and processes (Central Washington University)

E. Funded External Teaching Grants and Contracts:

F. Submitted, but not Funded, External Teaching Grants and Contracts:

G. Funded Internal Teaching Grants and Contracts:

H. Submitted, but not Funded, Internal Teaching Grants and Contracts:

I. Other:

III. SCHOLARLY/CREATIVE

A. Works in Print

1. Books (if not refereed, please indicate)

a. Scholarly Monographs:

b. Textbooks:

c. Edited Books:

d. Chapters in Books:

1. Meng, X., N. Currit, L. Wang and X. Yang. "Seeing residential buildings from remotely sensed imagery: An object-oriented approach." In Advances in Mapping from Remote Sensor Imagery: Techniques and Applications, edited by X. Yang and J. Li, eds. CRC Press, 2013.

e. Creative Books:

2. Articles

a. Refereed Journal Articles:

16. Currit, N. and Rao, M. (progress) "Using remotely sensed imagery to identify coal-tar sealed parking lots." *GIScience and Remote Sensing*.
15. Zhao, X., N. Currit and T. Ghosh (accepted) “Brightness of nighttime lights as an indicator for mapping fossil fuel carbon dioxide emission.” *Photogrammetric Engineering and Remote Sensing*.
14. Tolman, K., K. Kollaus, T. Heard, T. Hardy, J. Jensen, N. Currit. 2014. "Habitat Suitability Modeling of Endangered Zizania Texana within a Highly Urbanized, Artesian Ecosystem in San Marcos, Texas." *10th International Symposium on Hydraulics 2014*, Trondheim, Norway.
13. Meng, X., N Currit, L. Wang and X. Yang. (2012) "Detect residential buildings directly from lidar and aerial photographs through object-oriented land-use classification." *Photogrammetric Engineering and Remote Sensing*, 78(1): 35-44.
12. Zhao, N., N. Currit and E. Samson (2011) “Net primary production and grow domestic product in China derived from satellite imagery.” *Ecological Economics*, 70(5), 921-928.
11. Zhao, N., T. Ghosh, N. Currit and C. Elvidge (2011) "Relationships Between Satellite Observed Lit Area and Water Footprints." *Water Resources Management*, 25(9), 2241-2250.
10. Meng, X., N. Currit and K. Zhao (2010) "Ground filtering algorithms for airborne LiDAR data: a review of critical issues." *Remote Sensing*, 2: 833-860.
9. Currit, N. and S. St. Clair (2010) "Assessing the impact of extreme climatic events on Aspen defoliation using MODIS imagery." *GeoCarto International*, 25(2), 133-147.
8. Ferguson, A., N. Currit and F. Weckerly (2009) "Isometric scaling in home range size of male and female bobcats (Lynx rufus). *Canadian Journal of Zoology*, 87(11): 1052-1060.
7. Currit, N. (2009) "Observing forest change to enhance border sustainability in Chihuahua, Mexico." *Geography Compass*, 3(3), 932-949.
6. Meng, X., L. Wang, J.L. Silvan-Cardenas and N. Currit (2009) "A multi-directional ground filtering algorithm for airborne LIDAR." *ISPRS Journal of Photogrammetry and Remote Sensing*, 64(1), 117-124.
5. Meng, X., L. Wang and N. Currit (2009) "Morphology-based building detection from airborne LIDAR data." *Photogrammetric Engineering and Remote Sensing*, 75(4), 437-442.
4. Currit, N. and W.E. Easterling (2009) "Globalization and population drivers of rural-urban land-use change in Chihuahua, Mexico." *Land Use Policy*, 26(3): 535-544.

3. Currit, N. (2005) "Development of a remotely sensed, historical land-cover change database for rural Chihuahua, Mexico." *International Journal of Applied Earth Observation and GeoInformation*, 7(3): 232-247.
2. Currit, N. (2002) "Inductive Regression: Overcoming OLS Limitations with the General Regression Neural Network." *Computers, Environment, and Urban Systems*, 26(4): 335-353.
1. Polsky, C., J. Allard, N. Currit, R. Crane, and B. Yarnal (2000) "The Mid-Atlantic Region and its climate: past, present, and future." *Climate Research*, 14(3): 161-173.

b. Non-refereed Articles:

3. Conference Proceedings

a. Refereed Conference Proceedings:

[8] Harper, C., N. Currit and J. Jensen (2013) "Estimating tree canopy foliar volume using terrestrial lidar scanner data." *Papers of the Applied Geography Conferences, 36: 290-298.*

[7] Wang, J. and N. Currit. (2011) "Uncertainty with the Scaling-Up of Remotely Sensed Evapotranspiration Estimation. *The proceedings of the 2nd ACM SIGSPATIAL International Workshop on Querying and Mining Uncertain Spatio-Temporal Data.*

[6] Liu, J., N. Currit, X. Meng. (2010) "Extraction of water bodies from remotely sensed images." 2010 International Symposium on Intelligent Signal Processing and Communication Systems, 6-8 December 2010

[5] Wang, J. and N. Currit. (2009) "Spatio-temporal dynamics of water use in El Paso County, Texas: An assessment of the 1991 water conservation ordinance." *Papers of the Applied Geography Conferences*, 32:306-313.

[4] Meng, X., N. Currit and L. Wang. (2008) "Morphology-based building detection from airborne LIDAR data." ASPRS Proceedings and BAE award winner.

[3] Currit, N. (2000) "An Inductive Attack on Spatial Scale." In Proceedings of: Geocomputation 2000. Greenwich, UK, http://www.geocomputation.org

[2] Hardin, P., K. Hansen, N. Currit, and D. Long (1999) "Monitoring Bering Sea ice change using reconstructed NSCAT imagery." in Earth Observing Systems IV, William L. Barnes, Editor, Proceedings of SPIE Vol. 3750, pp. 536-544, Denver, Colorado, 19-20 July 1999.

[1] Hardin, P., T. Wyllie-Echeverria, S. Wyllie-Echeverria, N. Currit, D. Long, and R. Stehn (1998) "First Steps to Yukon Delta Biophysical Modeling: Monitoring Sea Ice Change Using Reconstructed NSCAT Data." in Proceedings of the Fifth International Conference on Remote Sensing for Marine and Coastal Environments, pp. II-206-II-213, San Diego, California, 5-7 Oct. 1998.

b. Non-refereed:

4. Abstracts:

5. Reports:

[8] Currit, N. (2013) "Final report: Development of an ecohydrological modeling framework for the Rio Conchos watershed." Submitted to USDA, Sustainable Agricultural Water Conservation Project.

[7] Currit, N. (2012b) "Semi-annual report: Development of an ecohydrological modeling framework for the Rio Conchos watershed." Submitted to USDA, Sustainable Agricultural Water Conservation Project.

[6] Currit, N. (2012a) "Semi-annual report: Development of an ecohydrological modeling framework for the Rio Conchos watershed." Submitted to USDA, Sustainable Agricultural Water Conservation Project.

[5] Currit, N. (2012) "Final report: Precipitation and land-use trends in the Rio Conchos Watershed." Submitted to USDA, Sustainable Agricultural Water Conservation Project.

[6] Currit, N. (2011b) "Semi-annual report: Precipitation and land-use trends in the Rio Conchos Watershed." Submitted to USDA, Sustainable Agricultural Water Conservation Project.

[5] Currit, N. (2011a) "Semi-annual report: Precipitation and land-use trends in the Rio Conchos Watershed." Submitted to USDA, Sustainable Agricultural Water Conservation Project.

[4] Currit, N. (2010) "Semi-annual report: Precipitation and land-use trends in the Rio Conchos Watershed." Submitted to USDA, Sustainable Agricultural Water Conservation Project.

[3] Currit, N. (2010) "Final report: A multi-scale assessment of seasonal vegetation patterns in the Rio Conchos watershed." Submitted to USDA, Sustainable Agricultural Water Conservation Project.

[2] Currit, N. (2009b) " Semi-annual report: A multi-scale assessment of seasonal vegetation patterns in the Rio Conchos watershed." Submitted to USDA, Sustainable Agricultural Water Conservation Project.

[1] Currit, N. (2009a) " Semi-annual report: A multi-scale assessment of seasonal vegetation patterns in the Rio Conchos watershed." Submitted to USDA, Sustainable Agricultural Water Conservation Project.

6. Book Reviews:

7. Other:

B. Works not in Print

1. Papers Presented at Professional Meetings:

[30] Currit, N. “Identifying Coal-Tar Sealed Parking Lots Using Hyperspectral Imagery in Austin Texas.” AAG Annual meeting 2015, Chicago, IL.

[29] Currit, N. "Matching daily phenology to MODIS land surface phenology along an elevation gradient." AAG Annual meeting 2014, Tampa, FL.

[28] Tolman, K., K. Kollaus, T. Heard, T. Hardy, J. Jensen, N. Currit. 2014. "Habitat Suitability Modeling of Endangered Zizania Texana within a Highly Urbanized, Artesian Ecosystem in San Marcos, Texas." 10th International Symposium on Hydraulics 2014, Trondheim, Norway.

[27] Currit, N. (2013) “Phenological Change Along an Elevational Gradient in a Sky Island Watershed.” AAG 2013, Los Angeles, CA.

[26] Currit, N. (2012) “Phenological Change Along an Elevational Gradient in a Sky Island Watershed.” SWAAG 2012, Las Cruces, NM.

[25] Wang, J. and N. Currit (2011) “Uncertainty with the scaling-up of remotely sensed evapotranspiration estimation.” 2nd ACM SIGSPATIAL International Workshop on Querying and Mining Uncertain Spatio-Temporal Data. Chicago, IL.

[24] Wang, J. and N. Currit (2011) “Scale effects on the remote estimation of evapotranspiration.” AAG 2011, Seattle, WA.

[23] Currit, N. (2011) “Water Resource Vulnerability and Resilience in the Rio Conchos Watershed.” AAG 2011, Seattle, WA.

[22] Currit, N. (2010) “Vegetation Phenology and Precipitation Patterns in the Conchos River Basin, Chihuahua, Mexico.” AAG 2010, Washington, DC.

[21] Currit, N. (2009) “Vegetation Phenology in the Rio Conchos Basin.” SWAAG 2009, North Little Rock, AR.

[20] Meng, X, N. Currit, L. Wang (2009) “Separating residential land use through element attributes associated with buildings from LIDAR and fine-resolution images.” ASPRS 2009, Baltimore, MD.

[19] Currit, N. (2009) "A multi-scale assessment of vegetation phenology in the Rio Conchos basin, Chihuahua, Mexico." AAG 2009, Las Vegas, NV.

[18] St. Clair, S., S. Monson, D. Cahill, J. Smith, J. Calder, J. Zou and N. Currit. (2008) "Altered leaf morphology and defense chemistry induction in frost damaged trembling aspen." Ecological Society of America (ESA), Milwaukee, WI.

[17] Meng, X., N. Currit and L. Wang. (2008) "Morphology-based building detection from airborne LIDAR data." ASPRS 2008, Portland, OR and BAE award winner.

[16] Meng, x., L. Wang and N. Currit (2008) “Determine urban land use through element attributes associated with buildings from LIDAR and fine-resolution images. AAG 2008, Boston, MA.

[15] Currit, N. (2008) "Land-cover change due to a late spring frost: A MODIS analysis of the Wasatch Front." AAG 2008, Boston, MA.

[14] Currit, N. (2007) "Land-use impact on LAI and combustibles in the Sierra Madre of Chihuahua, Mexico." AAG 2007, San Francisco, CA.

[13] Currit, N. (2006) "Impacts of land management practices on LAI estimation at Freeman Ranch." SWAAG 2006, Norman, OK.

[12] Currit, N. (2006) "ASTER-based LAI estimations in mountainous terrain." AAG 2006, Chicago, IL.

[11] Currit, N. (2006) "Globalization, population change, and emergent land-cover change in Chihuahua, Mexico 1970-2000." Ecological Society of America, Merida, Yucatan, Mexico.

[10] Currit, N. (2005) "Simultaneous visualization of phylogenetic and geographic distances to understand fungal pathogen spread." AAG 2005, Denver, CO.

[9] Currit, N. (2005) "Urbanization as a driver of distant, rural land-use and land-cover change: environmental dependency in Chihuahua, Mexico." Conference on Emerging Issues Along Urban/Rural Interfaces: Linking Science and Society, 2005, Atlanta, GA.

[8] Currit, N. (2004) "Environmental dependency and the distant environmental effects of Mexico’s maquiladora industry." AAG 2004.

[7] Currit, N. (2003) "Environmental dependency: the distant origins of drivers of rural land cover changes in Chihuahua, Mexico." Integrated Research on Coupled Human-Environment Systems: Land Open Science Conference, 2003, Morelia, Michoacan, Mexico.

[6] Currit, N. (2002) "Mapping Continuous Land Cover Characteristics using the Probabilistic Neural Network." AAG 2002.

[5] Currit, N. (2001) "Emerging Scales of Environmental Dependence: The case of Northwestern Chihuahua, México." AAG 2001.

[4] Currit, N. (2000) "An Inductive Attack on Spatial Scale." Geocomputation 2000 Conference, Greenwich, England, UK.

[3] Currit, N. (2000) "Ejido Reformation and Social and Environmental Change." Penn State Graduate Student Exhibition, University Park, PA.

[2] Hardin, P., K. Hansen, N. Currit, and D. Long (1999) “Monitoring Bering Sea ice change using reconstructed NSCAT imagery.” In Proceedings of: SPIE, Earth Observing Systems IV. 3750: 536-544.

[1] Hardin, P., T. Wyllie-Echeverria, S. Wyllie-Echeverria, N. Currit, D. Long, and R. Stehn (1998) “First Steps to Yukon Delta Biophysical Modeling: Monitoring Sea Ice Change Using Reconstructed NSCAT Data.” In Proceedings of: 5th International Conference, Remote Sensing for Marine and Coastal Environments. ERIM, NASA, NOAA.

2. Invited Talks, Lectures, and Presentations:

[8] Currit, N. (2009) "Vegetation Phenology and Precipitation Patterns in the Conchos River Basin." GIScience Center Brownbag series, San Marcos, TX.

[7] Currit, N. (2008) "Ecosystem function and extreme climatic events: using MODIS to monitor Aspen forests along the Wasatch Front." James and Marilyn Lovell Center for Environmental Geography and Harzards Research (JMLC) Research Discussion Series, Texas State University, San Marcos, Texas.

[6] Currit, N. (2006) "Satellite navigation: GPS principles and practice." Wimberley Lions Club, Wimberley, TX.

[5] Currit, N. (2006) "ASTER-based LAI estimations in mountainous terrain." Texas GIScience Center Brownbag series, San Marcos, TX.

[4] Currit, N. (2005) "Estudios del uso del suelo y cambios a la cobertura vegetal en Chihuahua, Mexico." Joint planning meeting of CEISS and Texas State, Aldama, Chihuahua, Mexico.

[3] Currit, N. (2005) "Urban-rural dynamics along a porous US-Mexico border." Invited lecture presented at Central Washington University Social Forum: Personalizing Change: Making Another World Possible, Ellensburg, WA.

[2] Currit, N. (2004) "Environmental dependency: maquiladoras as drivers of land-use and land-cover change in Chihuahua, Mexico." Invited lecture presented at Resource Management Colloquium, Central Washington University, Ellensburg, WA.

[1] Currit, N. (2002) "Arid-lands processes and landforms." Invited lecture presented at University of Miami, Miami, FL.

3. Consultancies:

4. Workshops:

5. Other:

C. Grants and Contracts

1. Funded External Grants and Contracts:

[4]

[3] Currit, N. (2010) "Eco-hydrological modeling of the Rio Conchos." USDA, Sustainable Agricultural Water Conservation Program, $41,098.

[2] Currit, N. (2009) "Precipitation and land-use trends in the Rio Conchos watershed." USDA, Sustainable Agricultural Water Conservation Program, $51,400.

[1] Currit, N. (2008) "A multi-scale assessment of seasonal vegetation patterns in the Rio Conchos watershed." USDA, Sustainable Agricultural Water Conservation Program, $45,491.

2. Submitted, but not Funded, External Grants and Contracts:

[9] Currit, N., J. Jensen, I. Jo et al. (submitted to NASA EONS MIRO) “Science Program in Earth Observation (SciPEO).”

[8] Currit, N., J. Jensen and S. Blue (submitted to NASA Land-Use/Land-Cover Change program December 2013) “Distant Drivers of Land-Cover and Land-Use Change Along the Texas-Mexico Border.”

[7] Huston, M., J. Veech, D. Lemke, S. Wolverton, B. Zhan, J. Ott, S. Weigum, J. Tomasso, N. Currit, B. Shwartz, S. Schwinning, W. Nowlin, C. Nice, M. Forstner, C. Green, F. Weckerly, D. Huffman, D. Hahn, S. Bucheli, T. Bonner, I. Castro-Arellano, C. Hargrave, J. Cook, D. Peters (submitted to NSF Macrosystems in 2013) “Trans-Texas Climate Array: Ecology, Evolution, Economics.”

[6] St. Clair, S., M. Bekker and N. Currit. (2008) “Characterization of drought as a contributing factor to Aspen decline in the Rocky Mountain Region.” Annaley Naegle Redd Assistantship Fund. Requested $11,600.

[5] Huston, M., N. Currit, A. Yazedjian and J. LeSage (2007) “Causal mechanisms linking biodiversity and poverty across spatial scales.” NSF Dynamics of Coupled Natural and Human (CNH) Systems program. Requested $1,479,711.

[4] Currit, N. (2007) "Establishment of a regional forest monitoring network to improve Thick-billed Parrot habitat." US Fish and Wildlife Service's Wildlife Without Borders-Mexico Program, Division of International Programs. Requested $44,376.

[3] Currit, N. and M. Huston, in collaboration with V. Reyes at Instituto de Ecologia, A.C. (2006) "Linking Landscape Ecology and Economics for Sustainable Land Use in the Rio Grande/Bravo Watershed." USDA, Sustainable Agricultural Water Conservation Program. Requested $50,000.

[2] Kang, S., M. Gahegan, I. Makalowska, N. Currit. (2004) "Developing a cyber-infrastructure for the analysis of fungal plant pathogens in geographic space." NSF, Division of Population Biology. Requested $280,000.

[1] Currit, N., P. Hardin, R. Jensen. (2004) "Quantifying scaling uncertainties in MODIS-based ecosystem parameters to assess carbon stocks and carbon fluxes across arid-land ecosystem gradients in Chihuahua, Mexico." NASA Carbon Cycle Science program. Requested $250,000.

3. Funded Internal Grants and Contracts:

4. Submitted, but not Funded, Internal Grants and Contracts:

[2] Currit, N. (2007) "A virtual border environment for research and education." Texas State University Research Enhancement Program (REP) 2007-2008 competition. Requested $8,000.

[1] Currit, N. and S. Fuhrmann. (2005) "Enhancing geographic knowledge exchange for crisis management in the urban-wildland interface." Texas State University Research Enhancement Program (REP) 2006-2007 competition. Requested $16,000

D. Fellowships, Awards, Honors:

[2] Dean's Award for Excellence in Scholarly and Creative Activities, 2010.

[1] Certification for "Post-Award Services for the First Time Grant Manager." by Mr. W. Scott Erwin. 2006.

IV. SERVICE

A. University:

[4] Session moderator at Graduate Syposium sponsored by the Texas State University Graduate College. 2009.

[3] Director, Center for Inter-American Applied Research (CIAAR), Texas State University. 2007-2010.

[2] Associate Director, Center for Texas-Mexico Applied Research (CETMAR), Texas State University. 2006-2007.

[1] Departmental representative at the Graduate student orientation provided by the Graduate College. 2006, 2008.

B. Departmental:

* served as Chair of committee

[9] Political Geography Search Committee: 2014-2015*.

[8] Water Resources Search Committee: 2011-2012.

[7] Evaluation Committee. 2010-2012, 2013-2015*.

[6] Website Committee. 2009-2011*.

[5] Remote Sensing Geographer Search Committee. 2007-2008, 2008-2009.

[4] Environmental Geographer Search Committee. 2006-2007.

[3] Graduate Committee. 2006-2008, 2009-2010, 2013-2014.

[2] Undergraduate Committee. 2005-2006, 2008-2009.

[1] Internship Committee. 2005-2006.

C. Community:

[1] Currit, N. (2006). "Satellite navigation: GPS principles and practice." Wimberley Lions Club, Wimberley, TX.

D. Professional:

[6] Reviewer for the following journals: GIScience and Remote Sensing, Journal of Applied Geography, GeoCarto International, Geography Compass, Sensors, Lakes and Reservoirs: Research and Management, GIScience and Remote Sensing, Annals of the AAG, Remote Sensing of Environment.

[5] Session chair at SWAAG 2006 meeting. Norman, OK.

[4] Textbook review of "Getting Started with Geographic Information Systems", 4th Edition. (2006) By Keith C. Clarke

[3] Textbook review of "Environmental Geography", 3rd Edition. (2003) By William M. Marsh and John Grossa

[2] Textbook review of "Environment", 4th Edition. (2003) By Peter H. Raven and Linda R. Berg

[1] Textbood review of "Environmental Science: Earth as a Living Planet", 4th Edition. (2003) By Daniel B. Botkin, Edward A. Keller

E. Organizations

1. Honorary:

Gamma Theta Upsilon

2. Professional:

Association of American Geographers. Member of the following specialty groups: Human Dimensions of Global Change, Remote Sensing, GIS, Contemporary Agriculture and Rural Land Use, Cultural Ecology

F. Services Honors and Awards:

G. Grants and Contracts

1. Funded External Grants and Contracts:
2. Submitted, but not Funded, External Grants and Contracts:
3. Funded Internal Grants and Contracts:
4. Submitted, but not Funded, Internal Grants and Contracts: