

CURRICULUM VITAE
CHRISTOPHER TOM LEE

PRESENT POSITION

Professor
Department of Geography
California State University, Long Beach
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EDUCATION

- 1990 **Ph.D., Geography** University of Arizona, Tucson, AZ
Doctoral Dissertation: "The Use of Multispectral Video Remote Sensing to Monitor Suspended Sediment Concentrations", 167p.
(Areas of Emphasis: Physical Geography, Arid Lands, Remote Sensing, GIS)
- 1983 **M.A., Geography** Magna Cum Laude, California State University, Fullerton
Masters Thesis: "Secret Mountain/Red Canyons Arizona: Resources and Management Alternatives", 108p. (Areas of Emphasis: Resource Geography, Environmental Hazards, Remote Sensing, Cartography)
- 1978 **B.S., Geography** Magna Cum Laude, Northern Arizona University, Flagstaff, AZ

FACULTY POSITIONS

Fall 2000-present	Professor, California State University, Long Beach
Fall 1998-Summer 2000	Professor, California State University, Dominguez Hills
Fall 1995–Summer 1998	Associate Professor, California State University, Dominguez Hills
Fall 1991Summer 1995	Assistant Professor, California State University, Dominguez Hills
Fall 1988	Instructor, Northern Arizona University
Spring 1988	Instructor, University of Arizona
Fall 1987	Instructor, Northern Arizona University
Fall 1986Spring 1987	Instructor, University of Arizona
Spring 1984Spring 1986	Instructor, Northern Arizona University
Fall 1983	Teaching Assistant, U.S. Geological Survey, Flagstaff, AZ
Fall 1978Spring 1980	Teaching Assistant, California State University, Fullerton, CA

AWARDS

NASA Summer Faculty Fellowship - Jet Propulsion Laboratory, California Institute of Technology, Pasadena CA

1995 **Fulbright Collaborative Research Award** - *Remote Sensing Data as a GIS Input for Modeling the Land Dynamics of Northwest Coastal Egypt*, Soil and Water Science Department, Alexandria University, Egypt .

COURSES TAUGHT

	Number of semesters taught ()	
<u>CSULB:</u>	GEOG 140 Intro to Physical Geography	(8)
	GEOG 473 Intro to Remote Sensing	(8)
	GEOG 474 Intro to Digital Image Processing	(7)
	GEOG 475 Geographic Applications of Remote Sensing	(1)
	GEOG 680 Seminar in Geospatial Techniques	(2)
<u>CSUDH:</u>	GEO 100 Earth, the Human Home	(6)
	GEO 305 Cartography	(4)
	GEO 310 Geomorphology	(3)
	GEO 315 Meteorology	(3)
	GEO 360 North America	(1)
	GEO 408 Intro Remote Sensing	(3)
	GEO 412 Hydrology	(4)
	GEO 416 Climatology	(2)
	GEO 420 Natural Resources	(4)
	GEO 433 Environmental Analysis	(4)
GEO 495 Special Topics-NASA Remote Sensing	(1)	
<u>NAU:</u>	GGR 240 World Regional Geography	(2)
	GGR 320 Intro to Remote Sensing	(2)
	GGR 330 Cartography I	(4)
	GGR 331 Cartography II	(3)
	GGR 422 Remote Sensing Techniques I	(4)
	GGR 423 Remote Sensing Techniques II	(2)
	GGR 424 Remote Sensing Techniques III	(2)
	GGR 444 Climate and Man's Environment	(1)
	GGR 480 Field Analysis	(1)
	GGR Introduction to Geographic Information Systems	developed course for future offering
<u>U of A:</u>	GEO 330 Introduction to Remote Sensing	(2)
	GEO 381 Introduction to Cartography	(1)
	GEO 483 Geographic Applications of R.S.	(1)

RESEARCH and ADMINISTRATIVE POSITIONS

1999	NASA Visiting Senior Scientist Applications, Commercialization, and Education Division NASA Headquarters, Washington D.C.
Oct. 1995-Jan.1996	Fulbright Senior Research Scholar Soil and Water Science Department, College of Agriculture University of Alexandria, Egypt
1992-present	Adjunct Assistant Research Scientist Arizona Remote Sensing Center, Office of Arid Lands Studies University of Arizona
1990-1991	Senior Research Specialist Arizona Remote Sensing Center, Office of Arid Lands Studies University of Arizona

PUBLICATIONS

Journals

- Ambos, E. L., C.M.Rodrigue, R.J. Behl, C.T. Lee, S.P. Wechsler, G. Holk, D.O. Larson, R.D Francis, and D. Whitney. 2005. Geoscience field studies at California State University at Long Beach: Urban applied research with a community focus. *CUR Quarterly* Vol.26, No.2. pp. 56-61.
- Wechsler, S.P., D.J.Whitney, E.L. Ambos, C.M. Rodrigue, C.T. Lee, R.J. Behl, D.O. Larson, R.D. Francis, Robert D., and G. Holk. 2005. Enhancing diversity in the geosciences. *Journal of Geography* Vol.104, No. 4 (July/August), pp.141-149.
- Whitney, D. J., R.J. Behl, E.L. Ambos, R.D. Francis, G. Holk, D.O. Larson, C.T. Lee, C.M. Rodrigue, and S.P. Wechsler. 2005. Ethnic differences in geoscience attitudes of college students. *EOS* Vol. 86, No. 30 (26 July): pp. 277-279.
- Dennison, P.E., D.A. Roberts, S.R. Thorgusen, J.C. Regelbrugge, D. Weise, and C. Lee. 2003. Modeling seasonal changes in live fuel moisture and equivalent water thickness using a cumulative water balance index. *Remote Sensing of Environment*, Vol. 88, pp.442-452.
- Roberts, D.A., P.E. Dennison, M. Gardner, Y.L. Hetzel, S.L. Ustin, and C. Lee. 2003. Evaluation of the potential of Hyperion for fire danger assessment by comparison to the Airborne Visible Infrared Imaging Spectrometer. *IEEE Transactions on Geoscience and Remote Sensing*, Vol. 41, pp.1297-1310.
- Glenn, E.P., C.T. Lee, and C. Valdes-Casillas. 2001. Introduction: Colorado River Delta, special issue of *Journal of Arid Environments*, Vol.49, pp.1-4.
- Glenn, E.P., C.T. Lee, R. Felger, and S. Zengel. 1996. Effects of water management on the wetlands of the Colorado River delta, Mexico. *Conservation Biology*, Vol. 10, No.4, pp.1175-1186.
- Lee, C.T. and S.E. Marsh, 1995. The use of archival Landsat MSS and ancillary data in a GIS environment to map historical change in an urban riparian habitat. *Photogrammetric Engineering and Remote Sensing*, Vol.61, No.8, pp.999-1008.
- Marsh, S.E., J. Walsh, C.T. Lee, L. Beck, and C.F. Hutchinson. 1992. Comparison of multitemporal NOAAVHRR and SPOTXS satellite data for mapping landcover dynamics in the West African Sahel. *International Journal of Remote Sensing*, Vol.13, No.16, pp.29973016.
- Marsh, S.E., J. Walsh, C.T. Lee, and L.A. Graham. 1991. Multitemporal analysis of hazardous waste sites through the use of a new bispectral video remote sensing system and standard colorir photography. *Photogrammetric Engineering and Remote Sensing*, Vol. 57, No.9, pp.12211226.

Chapters

- Lee, C.T. and S.E. Marsh. 1995. *The use of archival Landsat MSS and ancillary data in a GIS environment to map historical change in an urban riparian habitat*. Chapter 7 in *Water Resource Engineering Applications of Geographic Information Systems*, Lyon, J.G. and J. McCarthy editors, Lewis Publishers, Michigan.

Proceedings

- Lee, C.T., P. Johnson, and R.A. Hay. 1998. *Mapping vegetation dynamics in the lower Colorado River Delta using archival Landsat MSS satellite imagery*. Proceedings of the Fifth International Conference on Remote Sensing: October 5-7,1998, San Diego, California. Environmental Research Institute of Michigan, Ann Arbor MI, pp.207219.
- McCarthy, L.E., C.T. Lee, and S.E.Marsh. 1996. *Identification of disrupted surfaces due to military activity at the Fort Irwin National Training Center: An aerial photograph and satellite image analysis*. Proceedings of the Eleventh Thematic Conference on Geologic Remote Sensing: Practical Solutions for Real World Problems, February 27-29,1996, Las Vegas, Nevada. Environmental Research Institute of Michigan, Ann Arbor MI, pp.236246.
- Marsh, S.E., J. Walsh, C.T. Lee, and L.A. Graham. 1991. *Multitemporal analysis of hazardous waste sites through the use of a new bispectral video remote sensing system and standard colorir photography*. Proceedings of the Eighth Thematic Conference on Geologic Remote Sensing: Exploration, Engineering and

Environment, April 29-May 2, 1991, Denver Colorado. Environmental Research Institute of Michigan, Ann Arbor MI, pp.239-251.

Reports

Lee, C.T., P. Johnson, and R.A. Hay. *Five Year Survey of Natural Resources and Management Alternatives at the National Training Center: Remote Sensing Analysis: Year Three*. Submitted to the U.S. Army National Training Center, CSU, Dominguez Hills, Carson, California, 1999.

Lee, C.T., P. Johnson, and R.A. Hay. *Five Year Survey of Natural Resources and Management Alternatives at the National Training Center: Remote Sensing Analysis: Year Two*. Submitted to the U.S. Army National Training Center, CSU, Dominguez Hills, Carson, California, 1998.

Lee, C.T., P. Johnson, and R.A. Hay. *Five Year Survey of Natural Resources and Management Alternatives at the National Training Center: Remote Sensing Analysis: Year One*. Submitted to the U.S. Army National Training Center, CSU, Dominguez Hills, Carson, California. Feb., 1997.

Lee, C.T. *Correlation of Biodiversity with Landforms at the National Training Center: A Remote Sensing Analysis: Year Two*. Final Report. Submitted to the U.S. Army National Training Center, Directorate of Public Works. CSU, Dominguez Hills, Carson, California. Nov. 1995, 55 p.

Lee, C.T. *Correlation of Biodiversity with Landforms at the National Training Center: A Remote Sensing Analysis*. Final Report. Submitted to the U.S. Army National Training Center, Directorate of Public Works. CSU, Dominguez Hills, Carson, California. Sept., 1994, 77p.

Hutchinson, C.F., P.T. Gilruth, R.T. Hay, S.E. Marsh, and C.T. Lee. *Geographic Information Systems applications in crop assessment and famine early warning*. Arizona Remote Sensing Center Report 921, January, 1992, 57p.

Lee, C.T. and S.E. Marsh. *A multistage remote sensing study to assess and monitor relationships between groundwater and riparian habitat in the Tanque Verde Wash*. Arizona Remote Sensing Center Report 913, June, 1991, 46p.

PAPERS PRESENTED

Lyte, W.F., T. Otto, and C. Lee. "Rapid Damage Assessment (RDA) of New Orleans Port and Intermodal Infrastructure using Digital Globe Satellite Imagery, GIS, and Feature Analyst" National Urban Freight Conference, Long Beach CA, February 2006.

Behl, R.J., E. Ambos, R.D. Francis, G. Holk, D. Larson, C. Lee, C. Rodrigue, S. Wechsler, and D. Whitney. "Hunting for Students: Outreach and Retention Strategies in a Competitive Urban Market" Geological Society of America, Denver, December 2004.

Rodrigue, C.M., E.L. Ambos, R. Behl, R.D. Francis, D.O. Larson, M.T. Ramírez-Herrera, G. Holk, S.P. Wechsler, C. Lee, D. Whitney, and S. Barré. "The Geoscience Diversity Enhancement Program (GDEP): An NSF-OEDG Program Emphasizing Interdisciplinary Earth System Science Research" College and University Earth System Science Education in the 21st Century, Monterey, CA, June 2004.

Ambos, E.L., R. Behl, R.D. Francis, D.O. Larson, M.T. Ramírez-Herrera, C. Rodrigue, G. Holk, S. Wechsler, C. Lee, D. Whitney, and S. Barré. "The Geoscience Diversity Enhancement Program (GDEP): An NSF-OEDG Program Emphasizing Integrated Geoscience Research in Urban Areas" Incorporated Research Institutions for Seismology, Tucson, June 2004.

Rodrigue, C.M., C.T. Lee, M. Ramírez, R.D. Francis, E.L. Ambos, R.J. Behl, D.O. Larson, D. Whitney, S.P. Wechsler, J.C. Sample, and C. Hazen. "GDEP (Geoscience Diversity Enhancement Project): Hazards-Related Projects" Boulder Hazards Research and Applications Workshop, Boulder, CO, July 2003.

Sanders, L., M.T. Ramírez-Herrera, C. Rodrigue, and C. Lee. "Mapping GIS Data in Science: A University/High School Partnership" Geological Society of America, Seattle, November 2003.

Roberts, D.A., P. Dennison, M. Gardner, S.L. Ustin, and C. Lee. 2002.

"Evaluation of the potential of Hyperion for fire danger assessment by comparison to AVIRIS" AVIRIS Earth Science and Applications Workshop, March 5-8 2002, Pasadena CA.

Roberts, D.A., P. Dennison, C. Jones, M. Morais, R. Talbot, and C. Lee. 2001. "Integrated Assessment of Fire Hazard in Southern California using Remote Sensing, GIS and Wind Models." Association Of American Geographers Annual Conference, 27 February-3 March, New York, New York.

Morafka, D.J. and C.T. Lee. 2000. "Delineating the southern borders of the Chihuahuan Desert: the construction, validation and utility of ecoregions revisited." 80th Annual Meeting of the American Society of Ichthyologists and Herpetologists, Universidad Autonoma de Baja California Sur La Paz B.C.S., Mexico, June 14-20, 2000.

Lee, C.T. 2000. "Application of remote sensing for managing fire hazards at the wildland-urban interface" 28th International Symposium on Remote Sensing of Environment, 27-31 March, Cape Town, South Africa.

Lee, C.T., Johnson, P., and Hay, R.A., 1998. "Mapping vegetation dynamics in the lower Colorado River Delta using archival Landsat MSS satellite imagery" Environmental Research Institute of Michigan, Fifth International Conference on Remote Sensing San Diego, California.

Lee, C.T., P. Johnson, and R.A. Hay. 1997. "Mapping surface disruption in the Mojave Desert U.S.A using SPOT panchromatic imagery" International Conference on Earth Observation and Earth Information (EOEI'97), Alexandria Egypt.

Lee, C.T., F. Abdel-Kader, and J. FitzSimons. 1997. "Rapid assessment of cisterns on the northwest coast of Egypt using SPOT panchromatic imagery" International Conference on Earth Observation and Earth Information (EOEI'97), Alexandria Egypt.

Lee, C.T. 1997. "Remote Sensing Data as a GIS Input" Workshop on issues in water/land management in the northwest coast of Egypt: Wadi Naghamish Project, Mersa Matrouh, Egypt.

Lee, C.T., R.A. Hay, and P. Johnson. 1997 "Mapping surface disruption at the National Training Center using SPOT panchromatic imagery" Fort Irwin and Mojave Desert Ecosystem Initiative Science Symposium, Fort Irwin, California

McCarthy, L., C.T. Lee, and S.E. Marsh. 1996. "Identification of disrupted surfaces due to military activity at the Fort Irwin National Training Center: An aerial photograph and satellite image analysis" Environmental Research Institute of Michigan, Eleventh Thematic Conference on Geological Remote Sensing, Las Vegas, Nevada.

Huth, H., S. Emery, and C.T. Lee. 1993. "Satellite monitoring of sediment dynamics in the Colorado River delta: Initial results and long range goals" ArizonaNevada Academy of Science, ThirtySeventh Annual Meeting.

Lee, C.T. 1991. "The use of archival satellite imagery to map historical change in an urban riparian habitat" Association of Pacific Coast Geographers, 1991 Annual Meeting.

Marsh, S.E., J. Walsh, and C.T. Lee. 1991 "Multitemporal analysis of hazardous waste sites through the use of a new bispectral video remote sensing system and standard colorir photography" Environmental Research Institute of Michigan, Eighth Thematic Conference on Geological Remote Sensing, Denver, Colorado.

Lee, C.T. 1991. "The use of multispectral video remote sensing to monitor suspended sediment concentrations: Study results" ArizonaNevada Academy of Science, ThirtyFifth Annual Meeting.

Lee, C.T. 1989. "The use of multispectral video remote sensing to monitor suspended sediment concentrations: Study design" ArizonaNevada Academy of Science, ThirtyThird Annual Meeting

Lee, C.T. and G. Van Otten. 1986. "Applications of remote sensing in land use planning on Native American reservations" ArizonaNevada Academy of Science, Thirtieth Annual Meeting.

SESSIONS CHAIRED

2007 A Japanese American Farm Community through Memory and Mapping Techniques - Oral History Association 41st Annual Conference, October 26-28, Oakland California.

2002 Fire Monitoring - 29th International Symposium on Remote Sensing of Environment April 8 –12, Buenos Aires, Argentina.

2000 Urban Applications - 28th International Symposium on Remote Sensing of Environment, March 27-31, Cape Town, South Africa.

CONSULTING & SHORT COURSES

1997 Instructor - "Management and Conservation of Terrestrial Vertebrates" Instituto de Ecologia, Xalapa, Mexico (lecture and demonstration on applications of remote sensing and GIS)

1997-1998 Instructor - Geographic Information Systems Certificate Program, California State University, Long Beach Extension Program

1991 CoInvestigator Early Warning Applications of Geographic Information Systems: A Workshop, Food and Agriculture Organization of the United Nations

1991 CoPrincipal Investigator Multistage Remote Sensing Analysis of Riparian Habitats, Tucson Water Department

1990 Short Course Texaco E&P Division "Remote Sensing & GIS Technologies for Resource Exploration"

1986 Seminar Land Use Planning on Native American Reservations (Navajo Nation)

1986 Seminar Land Use Planning on Native American Reservations (Consortium of Tribes)

GRANTS and CONTRACTS

- 2007 NSF “Geosciences Diversity Enhancement Project (GDEP) - Track 2 ” Principal Investigator- \$1,088,000 (four years)
- 2006 ODNI “California State University Intelligence Community Academic Center of Excellence” Co-Investigator- \$3.5 million (five years)
- 2006 Titan L-3 “Analyst Training Program” - \$56,000
- 2005 METRANS “Feature Extraction from High Resolution Satellite Imagery as an Input to the Development and Rapid Update of a METRANS GIS” Principal Investigator – \$39,996
- 2002 NASA Scientific Data Purchase, IKONOS NASA Standard Precision Panchromatic and Multispectral Imagery and NASA Model Scene, Topanga Creek watershed - \$40,303
- 2002 NASA Scientific Data Purchase, IKONOS NASA Standard Precision Panchromatic and Multispectral Imagery - Santa Monica Mountains - \$60,303
- 2002 Tetra Tech/ASL “Alameda Corridor Project” - \$5,000
- 2001 United States Geological Survey “Multidisciplinary First Assessment of the Environmental Status of the Panamint Alligator Lizard (*Elgaria panamintina*) Co-Investigator - \$74,300
- 2000 NASA Scientific Data Purchase, IKONOS NASA Standard Precision Pan and Multispectral Imagery - \$15,303
- 2000 NASA Scientific Data Purchase, IKONOS NASA International Master Precision Panchromatic and Multispectral Imagery and NASA Model Scene (DEM), Northwest Coast of Egypt - \$80,973
- 2000 NASA Scientific Data Purchase, IKONOS NASA Master Precision Panchromatic and Multispectral Imagery, Boulder County Colorado - \$45, 530
- 2000 NASA Scientific Data Purchase, IKONOS NASA Standard Precision Panchromatic and Multispectral Imagery, Boulder County Colorado - \$72,352
- 2000 NASA Earth Science Applications Research Program (ESARP) “International, State, Local Workforce Development and Capacity Building in Support of NASA Earth Science Enterprise Goals” Principal Investigator- \$400,000 (three years)
- 2000 NASA Earth Observing-1 Mission Instrument Performance Evaluation and Data Validation “Hyperion Applications and Validation for Fire Hazard Assessment in the Santa Monica Mountains, California” Co-Investigator - \$162,000 (three years-no funds requested)
- 1999 NASA Senior Visiting Scientist, Applications, Commercialization, and Education Division, NASA Headquarters, Washington D.C., Principal Investigator - \$160,000
- 1999 Strategic Environmental Research and Development Program “Diagnostic Tools and Reclamation Technologies for Mitigating Impacts of DoD/DOE Activities in Arid Environments” Co-Investigator - \$25,000
- 1998 NASA Regional Earth Science Application Center (RESAC), “Southern California Center for Managing Fire Hazards at the Urban–Wildlands Interface” Principal Investigator – \$1,600,000 (three years)

- 1998 National Science Foundation, "GIS Access" Co-Investigator - \$800,000 (two years-no funds requested)
- 1997 National Science Foundation, "Instrumentation and Laboratory Improvement Grant" Principal Investigator - \$71,272
- 1996 U.S. Army/Dominguez Hills Corp.; "Fort Irwin Expansion Project" Co-Principal Investigator - \$600,000 (2 years) (Principal Investigator of remote sensing component \$40,000)
- 1996 Army/Dominguez Hills Corp.; "Three Year Survey of Natural Resources and Management Alternatives at the National Training Center" Co-Principal Investigator- \$1,234,000 (PI of remote sensing component \$150,000)
- 1995 U.S. Army/Nature Conservancy; "Correlation of Biodiversity with Landforms at the National Training Center: A Remote Sensing Analysis Year Three" Principal Investigator \$57,548
- 1994 U.S. Army/Nature Conservancy; "Correlation of Biodiversity with Landforms at the National Training Center: A Remote Sensing Analysis Year Two" Principal Investigator \$86,552
- 1993 U.S. Army/Nature Conservancy; "Correlation of Biodiversity with Landforms at the National Training Center: A Remote Sensing Analysis" Principal Investigator \$41,992
- 1993 Research, Scholarship, Creative Activity Awards Program, CSUDH; "Initial Investigation of the Colorado River Delta Ecosystem as Part of the U.S. Global Change Research Program" Principal Investigator \$4,837
- 1992 Research, Scholarship, Creative Activity Awards Program, CSUDH; "Development of Remote Sensing Techniques to Monitor Water Quality Parameters in the Northern Gulf of California as part of the U.S. Global Change Research Program" Principal Investigator \$3,000
- 1992 College of Science, Mathematics and Technology CSUDH; "NSF Instrumentation and Laboratory Improvement Grant Proposal Development" Principal Investigator \$2,000
- 1991 Food and Agriculture Organization of the United Nations; Early Warning Applications of Geographic Information Systems: A Workshop. CoInvestigator \$31,704
- 1990 Tucson Water Department; "Multistage Remote Sensing Analysis of Riparian Habitat" CoPI \$15,601

NATIONAL COMMITTEES/PANELS/REVIEWS

- 2005 Lead Reviewer – National Aeronautics and Space Administration, Decision Support through Earth Science Results (Leesburg, VA)
- 2004 Reviewer – NASA Applications Division – “Inspiring the Next Generation of Earth Explorers; Integrated Solutions for K-16 and Informal Education”
- 2002 Reviewer- NASA Applications Division – “State, Local, Regional and Tribal Broad Agency Announcement (BAA)”
- 2002 Reviewer- National Aeronautics and Space Administration, Solid Earth and Natural Hazards
- 2000-2005 NASA Technical Advisor – U.S. Department of Transportation (USDOT) National Center for Remote Sensing in Transportation (NCREST) – Infrastructure Consortium
- 2001-2003 Member, Board of Directors, International Center for Remote Sensing Education (ICRSEd)
- 2001 Lead Reviewer- National Aeronautics and Space Administration, Carbon Cycle Science Program
- 1999-2001 Reviewer- National Aeronautics and Space Administration Graduate Student Fellowship Program
- 1999 Lead Reviewer – National Aeronautics and Space Administration, Remote Sensing Applications Research in Agriculture, Forestry, and Range Resources Management (College Park, Maryland)
- 1998 Opportunity Panel Member – National Aeronautics and Space Administration, Earth System Science Pathfinder (Williamsburg VA)
- 1998 Review Panel – NSF, Instrumentation and Laboratory Improvement Program (Washington, D.C.)
- 1996-present Member, Selection Committee – William A. Fischer Memorial Scholarship Award, American Society for Photogrammetry and Remote Sensing

ADMINISTRATIVE COMMITTEES

CSULB

- 2007-2009 Member, College of Liberal Arts Retention, Tenure, and Promotion Committee
- 2007-present Member, CSULB Foundation Audit Committee
- Fall 2006 Member, NSF Institutional Laboratory Instrumentation Proposal Selection Committee
- 2007 Member, Chancellors Doctoral Incentive Program CSULB Review Committee
- 2005-present Vice-President CSULB Chapter - Sigma Xi
- 2004-present Member, Board of Directors, CSULB Foundation
- Spring 2002-2008 Graduate Advisor, CSULB Geography Department
- 2003-present Member, Geography Dept. Budget Committee
- 2000-2007&2009 Member, RTP Committee, CSULB Geography Department

CSUDH:

- 1998 CSUDH Instructional Research and Safety Committee
- 1998 CAS Resource Development Committee
- 1998-1999 CAS Council of Chairs (Chair of Dept. of Earth Sciences)
- 1995-1999 Earth Sciences Retention, Tenure and Promotion Committee (Chair)
- 1993-1999 Campus Representative, Board of Governors, Desert Research Consortium
- 1991-1993 Campus Alternate, Board of Governors, Desert Research Consortium
- 1992-1995 Department Representative, CSUDH Academic Senate

U of A:

- Spring 1988 Search Committee for Assistant Director, Arizona Remote Sensing Center

NAU:

- Spring 1986 SBS Curriculum Committee
- 1985-1986 SBS Deans Task Force on Recruitment
- 1984-1986 SBS Computer Committee
- 1984-1986 SBS Commencement Committee

PROFESSIONAL ORGANIZATIONS

Royal Geographical Society (Fellow)

Explorers Club (Fellow)

American Society of Photogrammetry

Sigma Xi