RICHLAND COLLEGE

Curriculum Vitae

Daniel Salazar, M.S.

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EDUCATION

1997: Associates of Science: South Plains College, Levelland, Texas.
2001: Bachelors of Science in Biology. The University of Texas - Pan American, Edinburg, Texas.
2008: Masters of Science in Biology. The University of Texas - Pan American, Edinburg, Texas.

RESEARCH

2002 – 2005:	Agriculture Science Research Technician, Kika de la Garza Subtropical Agricultural Research Center, ARS USDA CQFIRU.
2005 – 2006:	Remote Sensing & GIS Specialist, Kika de la Garza Subtropical Agricultural Research Center, ARS USDA IFNRRU.
2006 – 2009:	Environmental Scientist, L&G Engineering.
2013 – 2013:	GIS Analyst, Integrated Environmental Solutions
2013 – 2018:	Environmental Scientist/Environmental Compliance Inspector, aci consulting
2018 –	Environmental Specialist/Subject Matter Expert (Noise), TxDOT

TEACHING

2005 – 2006:	Teacher Assistant. College of Science and Mathematics, The University of Texas - Pan American, Edinburg, Texas.
2012 – 2014:	Adjunct Instructor. Northeast Sciences, Technology and Natural Sciences, Tarrant County College, Hurst, Texas.
2012 –	Adjunct Instructor, Biology. School of Science, Mathematics and Health Professions, Richland College, Dallas, Texas.

AWARDS

1996 – 1997:	Track & Cross-Country Scholarship. South Plains College, Levelland, Texas.
1997 – 2001:	Track & Cross-Country Scholarship. NCAA Division I, University of Texas Pan American, Edinburg, Texas.

PRSENTATIONS

Salazar, D., K. R. Summy, C. R. Little, R. A. Mazariegos, J. H. Everitt, and M. R. Davis. "Assessment of airborne and satellite multispectral imagery for crop identification in south Texas." (107th Annual Meeting of the Texas Academy of Science, Schreiner University, Kerrville, TX, 4-6 March, 2004). (Poster)

Herrera, H., **D. Salazar**, R. A. Mazariegos, K. R. Summy, and J. H. Everitt. "Using remotely sensed airborne hyperspectral imagery to classify hydrilla and waterhyacinth near Los Fresnos Pumping Station at Brownsville, Texas." (Louis Stokes Alliance for Minority Participation, South Padre Island, TX, September, 2004) (Contributed Presentation)

Herrera, H., **D. Salazar**, R. A. Mazariegos, K. R. Summy, and J. H. Everitt. "Using remotely-sensed airborne hyperspectral imagery to classify hydrilla and waterhyacinth near Los Fresnos Pumping Bend in Brownsville, Texas." (3rd Hispanic Engineering Science and Technology Week, University of Texas – Pan American, Edinburg, Texas, September 27– October 2, 2004) (Contributed Presentation)

Salazar, D., K. R. Summy, C. R. Little, R. A. Mazariegos, J. H. Everitt, and M. R. Davis. "Detection and mapping of major row crops in south Texas using aerial color infrared photography." (59th Annual Meeting of the Rio Grande Valley Horticulture Society, Texas A&M University Experiment Station Hoblitzelle Auditorium, Weslaco, Texas, 19 January, 2005) (Poster)

Salazar, D., K. R. Summy, C. R. Little, R. A. Mazariegos, J. H. Everitt, and M. R. Davis. "Assessment of single date and multitemporal classification using color-infrared photography for selected row crop identification in south Texas." (108th Annual Meeting of the Texas Academy of Science Texas Academy of Science, University of Texas – Pan American, Edinburg, Texas, 3-5 March 2005) (Poster)

Herrera, H., **D. Salazar**, R. A. Mazariegos, K. R. Summy, and J. H. Everitt. "Detection and mapping of major row crops in south Texas using aerial color infrared photography." (HESTEC Student Science Symposium, UTPA, September 26, 2005) (Contributed Presentation)

Salazar, D., R.A. Mazariegos, C.R. Little, J.H. Everitt, and K.R. Summy. "Using multispectral imagery to determine representative spectral values in agricultural research" (HESTEC Student Science Symposium, UTPA, September 26, 2005) (Poster)

Salazar, D., S. Bernabe, I. Acevado, C.R. Little, K.R. Summy, A.R. Mazariegos, J.H. Everitt, and M.R. Davis. "Spectral properties of common weeds associated with cotton and their detection and mapping using aerial color photography." (20th Biennial Workshop on Aerial Photography, Videography, and High Resolution Digital Imagery for Resource Assessment, Weslaco, Texas; October 4-6, 2005) (Poster)

Salazar, D., K. R. Summy, C. R. Little, R. A. Mazariegos, J. H. Everitt, and M. R. Davis. "Assessment of single date and multitemporal classification using color-infrared photography for selected row crop identification in south Texas." (20th Biennial Workshop on Aerial Photography, Videography, and High Resolution Digital Imagery for Resource Assessment, Weslaco, Texas; October 4-6, 2005) (Seminar)

Summy, K.R., C. R. Little, R. A. Mazariegos, **D. Salazar**, J. H. Everitt, and M. R. Davis, and A.W. Scott, "Rationale and effectiveness of aerial color infrared photography for detecting fields of fallow-season cotton in southern Texas." (20th Biennial Workshop on Aerial Photography, Videography, and High Resolution Digital Imagery for Resource Assessment, Weslaco, Texas; October 4-6, 2005) (Contributed Presentation)

Salazar, D., C. R. Little, R. A. Mazariegos, K. R. Summy, J. H. Everitt, and M. R. Davis. "Spectral signatures of cotton regrowth in relation to native weeds during the fallow season in southern Texas." (21st Biennial Workshop on Aerial Photography, Videography, and High Resolution Digital Imagery for Resource Assessment, Terre Haute, Indiana; May 14-16, 2007)

PUBLICATIONS

Thesis

Salazar, D., 2008. Assessment of airborne multispectral imagery for crop identification in south Texas. University of Texas – Pan American. 163 pp.

Conference Proceedings

Salazar, D., K. R. Summy, C. R. Little, and R. A. Mazariegos, J. H. Everitt, and M. R. Davis. 2005. Abstract. Detection and mapping of major row crops in south Texas using aerial color infrared photography. American Society for Horticultural Science.

Salazar, D., K. R. Summy, C. R. Little, and R. A. Mazariegos, J. H. Everitt, and M. R. Davis. 2005. Assessment of single date and multitemporal classification using color-infrared photography for selected row crop identification in south Texas. *In* Proceedings of the 20th Biennial Workshop on Aerial Photography, Videography, and High Resolution Digital Imagery for Resource Assessment, Weslaco, Texas. [CD-ROM]

Salazar, D., K. R. Summy, C. R. Little, R. A. Mazariegos, J. H. Everitt, and M. R. Davis. 2005. Spectral properties of common weeds associated with cotton and their detection and mapping using aerial color-infrared photography. *In* Proceedings of the 20th Biennial Workshop on Aerial Photography, Videography, and High Resolution Digital Imagery for Resource Assessment, Weslaco, Texas. [CD-ROM]

Salazar, D., C. R. Little**.**, R. A. Mazariegos, K. R. Summy, J. H. Everitt, and M. R. Davis. 2007. Development of thematic vegetation maps for agricultural crops in southern Texas and their role in integrated pest management programs. In: Proceedings of the 21st Biennial Workshop on Aerial Photography, Videography, and High Resolution Digital Imagery for Resource Assessment, Terre Haute, Indiana. [CD-ROM]