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Education and Experience:

2000: Faculty Summer Internship at NASA Goddard Institute for Space Studies, New York, NY
1999: Faculty Summer Internship at NASA Goddard Institute for Space Studies, New York, NY
1996: Professor - University of Puerto Rico-Mayagüez (UPR-Mayagüez)
1994/1995: Agricultural Engineering Department Director - UPR-Mayagüez
1992 - 1997: Associate Professor - University of Puerto Rico-Mayagüez
1987-1989: Scientist II – USDoE-UPR. Center for Energy and Environment Research. Head of Bio-conversion Program.
1982–1986: Ph.D. and M.Sc. in Agricultural/Environmental Engineering. The Pennsylvania State University. University Park, Pennsylvania.
1980-1982: Centro Internacional de Agricultura Tropical (CIAT). Cali-Colombia.
1973 - 1979: BS in Agricultural Engineering, Universidad del Valle, Cali- Colombia.

Teaching Experience

University of Puerto Rico
TMAG 5007 Advanced Soil & Water Engineering
TMAG 4992 GIS & RS applications in Watershed management
TMAG 4035 Soil & Water Conservation Engineering
TMAG 4038 Agriculture Hydrology
TMAG 4039 Agricultural Waste Treatment and Management
TMAG 4019 Irrigation and Drainage of Agricultural Land

Publications: (most important)

Díaz-Ramírez, J.R., L.R. Pérez-Alegría and W.H. McAnally. 2007. Hydrology and sediment modeling using BASINS/HSPF in a tropical island watershed. Trans. ASABE. In review.

Pérez-Alegría, L.R., D.Sotomayor, G. Martínez and G. Suárez. 2006. Hydrologic analysis for nutrient load determinations. Transactions of the ASAE. June 2006. In review.

Suárez-Narváez, G. and L.R. Pérez. 2006. Sensitivity analysis of HSPF using Monte Carlo simulation and sediment export coefficients in the Caribbean Region. ASABE International Annual Meeting. Portland, Oregon. July 2006.

Pérez-Alegría, L.R. and C. Villalta-Calderón. 2006. A multi-objective programming approach for optimal management of the Río Caonillas watershed in north-central Puerto Rico. Fourth LACCEI International Latin American and Caribbean Conference for Engineering and Technology. 21-23 June 2006. Mayaguez, Puerto Rico.

Sotomayor-Ramírez, D., L. Pérez-Alegría, G. Martínez. 2003. Descargas nutricionales de la cuenca de Mayaguez, Informe Año2. Foro de Constituyentes del Plan Comprensivo para el Manejo Integrado para la Cuenca Hidrográfica de la Bahía de Mayaguez. Agosto de 2003. Rincón, P.R.