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[CONTACT INFORMATION, OMITTED]

OTHER PROFESSIONAL ACCOMPLISHMENTS

WRITTEN WORKS

• **As Main Author/Preparer:**

- 2000. *Delimitación del Hábitat de la Paloma Sabanera (Columba inornata wetmorei) Dentro de los Municipios de Cidra, Comerío y Caguas, Puerto Rico*. Prepared for the Puerto Rico Department of Natural and Environmental Resources, Natural Heritage Division, San Juan, P.R.¹
- 1990. *A Guide to the Wetlands of Puerto Rico* (based on del Llano, *et al.*, 1982). Draft English Version. Department of Natural Resources, San Juan, P.R.
- 1987. Efectos de algunos factores ambientales sobre la zonación de una población de *Littorina ziczac* en la playa rocosa de Punta Maldonado, Loíza, Puerto Rico. Pages 13–42 in: *Memorias del Séptimo Simposio sobre la Fauna de Puerto Rico y el Caribe*. Raúl A. Pérez, *et al.*, eds. University of Puerto Rico, Humacao University College, Humacao, P.R.
- 1985. *Algunos aspectos de la ecología de una población del gastrópodo marino Littorina ziczac Gmelin (Mesogastropoda: Littorinidae) en una playa rocosa en Puerto Rico*. M.S. Thesis. University of Puerto Rico at Río Piedras, San Juan, P.R.

• **As Collaborator:**

- 2010. *Puerto Rico Statewide Assessment and Strategies for Forest Resources*. San Juan, P.R.: Departamento de Recursos Naturales y Ambientales (Secretaría Auxiliar de Planificación Integral y Negociado de Servicio Forestal), y U.S. Department of Agriculture, Forest Service, International Institute of Tropical Forestry.
- 2008. *Estudio del Carso de Puerto Rico: En Conformidad con la Ley Núm. 292 de 21 de agosto de 1999*. Documento Final - Revisado (30 de septiembre de 2008). San Juan, P.R.: Departamento de Recursos Naturales y Ambientales.
- 2008. *Plan de Adquisición de Terrenos de la Reserva Natural del Corredor Ecológico del Noreste*. Puerto Rico Department of Natural and Environmental Resources, Office of the Assistant Secretary for Comprehensive Planning, San Juan, P.R.
- 2002. *Documento de Designación Reserva Natural Caño Boquilla, Mayagüez*. Puerto Rico Department of Natural and Environmental Resources, Office of the Assistant Secretary for Comprehensive Planning, San Juan, P.R.
- 1999. *Informe Sobre Metodología y Alternativas para la Delimitación del Área de Valor Natural Caño Boquilla, Mayagüez*. Puerto Rico Department of Natural and Environmental Resources, Natural Heritage Division, San Juan, P.R.

¹ The scientific name for the Puerto Rican Plain Pigeon was changed to *Patagioenas inornata wetmorei* by recommendation to the American Ornithologists' Union (AOU) in 2003. The cited document uses the scientific name for the Puerto Rican Plain Pigeon that was valid at the time of publishing (November 2000).

- 1995. *Plan de Manejo para el Área de Planificación Especial del Suroeste, Sector La Parguera*. Draft for Public Hearing on April 1995. Puerto Rico Planning Board, Puerto Rico Department of Natural and Environmental Resources, and U.S. Department of Commerce/National Oceanic and Atmospheric Administration.
- 1985. Review of the "Soil, Water and Air" section of the *Environmental Impact Statement and Land Management Plan for the Caribbean National Forest (El Yunque)*, 1984. Puerto Rico Natural History Society, San Juan, P.R.

PROFESSIONAL ACTIVITIES

- 9–10 November 2011: “Tercer Congreso de la Ciudad Habitable: ‘El Derecho a la Ciudad’” (presented as part of the 57th General Assembly of the Puerto Rico Planners Society). Puerto Rico Association of Architects and Landscape Architects (*Colegio de Arquitectos y Arquitectos Paisajistas de Puerto Rico*), Santurce, P.R.
- 23 September 2011: “Segundo Conversatorio: Recomendaciones para la Conservación y Protección de los Arrecifes de Coral.” Presented by the Coral Reef Program of the Puerto Rico Department of Natural and Environmental Resources, the Universidad Metropolitana (Ana G. Méndez University System), and the U.S. Department of Commerce, National Oceanographic and Atmospheric Administration (NOAA). Puerto Rico Convention Center, San Juan, P.R.
- 18 August 2010: Symposium on Planning and Management of Submerged Lands (“Planificación y Manejo de los Terrenos Sumergidos”). Auditorium, Dr. Cruz A. Matos Environmental Agencies Building, Río Piedras, P.R.
- 30 March 2009: Presentation of the report, “Sustainability of Land Use in Puerto Rico” (sponsored by the Center for the Study of Sustainable Development of the Universidad Metropolitana, Ana G. Méndez University System). Angora Convention Center, Caguas, Puerto Rico.
- 28 August 2008: “Conversatorio sobre los Arrecifes de Coral.” Presented by the Coral Reef Program of the Puerto Rico Department of Natural and Environmental Resources, as its contribution to the International Year of the Reef (IYOR) 2008. Embassy Suites Hotel and Casino, Carolina, P.R.
- 6–7 February 2008: 12th Caribbean Urban & Community Forest Meeting: “Global Climate Change: Health & Economy”. Presented by the Advisory Council for Urban and Community Forestry in Puerto Rico. Centro de Bellas Artes de Caguas, Caguas, P.R.
- 24–25 October 2007: 26th Symposium of the Puerto Rico Department of Natural and Environmental Resources. Puerto Rico Convention Center, San Juan, P.R.
- 6 June 2007: “Conservación y Manejo de la Zona Costanera de Puerto Rico” (*Conservation and Management of Puerto Rico’s Coastal Zone*) (sponsored by the Puerto Rico Planners Society). Theater at the Law School of the Interamerican University of Puerto Rico, San Juan, P.R.

- 11 April 2007: First Coral Reef Symposium of the Puerto Rico Department of Natural and Environmental Resources. Puerto Rico Convention Center, San Juan, P.R.
- 17 February 2006: The 2006 Coral Reef Symposium (sponsored by the U.S. Department of Commerce, National Oceanographic and Atmospheric Administration and by the Caribbean Coral Reef Institute). “La Terraza” at the Botanical Garden, Agricultural Experiment Station of the University of Puerto Rico, San Juan, P.R.
- 9 November 2005: “Mitigar Riesgos: Un Asunto de Planificación” (*Risk Mitigation: A Matter of Planning*) (sponsored by the Puerto Rico Planners Society). Tropicmar Convention Center, Carolina, P.R.
- 28–30 September 2005: Workshop and Meetings on the Economic Valuation of Coral Reefs in Eastern Puerto Rico (sponsored by the Puerto Rico Department of Natural and Environmental Resources, and the U.S. Department of Commerce, National Oceanographic and Atmospheric Administration, Fisheries Division). Puerto Rico Tourism Company, San Juan, and municipal facilities in Vieques, Culebra, and Fajardo, P.R.
- 11–15 July 2005: 10th Caribbean Urban and Community Forestry Conference: “Forest Products and Services for the Community and the Urban Environment.” Centro de Bellas Artes de Caguas, Caguas, P.R.
- 17 May 2005: Workshop on Management Plans for Marine Natural Reserves (sponsored by the Puerto Rico Department of Natural and Environmental Resources and the U.S. Department of Commerce, National Oceanographic and Atmospheric Administration). Embassy Suites Hotel and Casino, Carolina, P.R.
- 16 May 2005: Plenary Meeting, *Puerto Rico Report on Local Action Strategies to Protect our Coral Reefs* (Final Document) (sponsored by the Puerto Rico Department of Natural and Environmental Resources, and the U.S. Department of Commerce, National Oceanographic and Atmospheric Administration). Biology Building Annex, Agricultural Experiment Station of the University of Puerto Rico, San Juan, P.R.
- 16 November 2004: “Tercer Encuentro de SIG (Sistemas de Información Geográfica) en la Ordenación Territorial” (*Third Encounter on GIS in Municipal Land Planning*) (sponsored by the Autonomous City Government of Caguas). Caguas Performing Arts Center, Caguas, P.R.
- 28 October 2004: “Vigésimoprimer Simposio Sobre Ecología Isleña: Modelos Comunitarios de Conservación Ecológica” (*21st Symposium on Island Ecology: Community Models of Ecological Conservation*). Inter-American University of Puerto Rico, San Juan, P.R.
- 18–19 May 2004: Caribbean-Atlantic Regional Workshop on Coral Reefs and Land-based Sources of Pollution (sponsored by the U.S. Coral Reef Task Force, National Oceanographic and Atmospheric Administration [NOAA], Natural Resources Conservation Service [NRCS], and U.S. Environmental Protection Agency [EPA]). Embassy Suites Hotel and Casino, Carolina, P.R.
- 17 March 2004: “Taller Sobre el Uso del Plan de Manejo de las Áreas de Planificación Especial de los Manglares de Puerto Rico” (*Workshop on the Use of the Management Plan for the Mangrove Swamps of Puerto Rico Special Planning*)

Area) (sponsored by the Coastal Zone Management Program of the Puerto Rico Department of Natural and Environmental Resources). Puerto Rico Department of Education, Carnegie Public Library, San Juan, P.R.

- 10–11 March 2004: Caribbean Ecoregional Planning (Final Workshop) (sponsored by The Nature Conservancy and the Puerto Rican Conservation Foundation). U.S. Department of Agriculture, Forest Service, International Institute of Tropical Forestry, San Juan, P.R.
- 25 November 2003: Congreso Interamericano de Planificación: "La Planificación en el Contexto de la Integración Económica. Los Desafíos de la Globalización Para América Latina y el Caribe" (*Interamerican Planning Congreso: "Planning in the Context of Economic Integration: The Challenges of Globalization for Latin America and the Caribbean"*) (sponsored by the Puerto Rico Planners Society). Wyndham Condado Plaza Hotel and Casino, San Juan, P.R.
- 10–12 June 2003: Caribbean Eco-regional Planning Workshop (sponsored by The Nature Conservancy and the Puerto Rican Conservation Foundation). Wyndham Hotel and Casino, San Juan, P.R.
- 15 May 2003: "Taller sobre los Planes de Manejo para las Reservas Naturales, los Refugios de Vida Silvestre y los Bosques Estatales" (*Workshop on Management Plans for Nature Reserves, Wildlife Refuges, and Commonwealth Forests*) (sponsored by the Puerto Rico Department of Natural and Environmental Resources). Park Plaza Normandie Hotel, San Juan, P.R.
- 30 April–1 May 2003: Workshop on Local Action Strategies for Coral Reefs in Puerto Rico (sponsored by the U.S. Coral Reef Task Force and by the U.S. National Oceanic and Atmospheric Administration, NOAA). Compañía de Parques Nacionales de Puerto Rico, San Juan, P.R.
- 19 November 2002: "Ecociudades: Primer Congreso Enrique Martí-Coll de Urbanismo" (*Ecocities: First Enrique Martí-Coll Congress on City Planning*) (sponsored by the Enrique Martí-Coll Foundation and the Puerto Rico Planners Society). Tropimar Convention Center, Carolina, P.R.
- 2–3 October 2002: U.S. Coral Reef Task Force Meeting. Caribe Hilton Hotel, San Juan, P.R.
- 22–24 August 2002: "Primer congreso de la ciudad habitable. Una visión integral en la revitalización de los centros urbanos en Puerto Rico" (*First Congress on the Livable City. An Integrated Vision on the Revitalization of Urban Centers in Puerto Rico*) (sponsored by the Puerto Rico Planners Society). Condado Plaza Hotel, San Juan, P.R.
- 12–14 August 2002: All Islands Coral Reef Economic Valuation Workshop (sponsored by the U.S. Coral Reef Task Force and by the Pacific Services Center of the U.S. National Oceanic and Atmospheric Administration, NOAA). Marriott Waikiki Hotel, Honolulu, Hawai'i.
- 20 and 28 April 2002: Field inspections by the Commission on Agriculture, Energy and Natural Resources of the Puerto Rico Senate, of the Cerro de las Cuevas/Cueva Lucero area in Juana Díaz, Puerto Rico, proposed in Senate Project 970 for designation as nature reserve (see "Presentations," below).

- 14–16 November 2001: “Puerto Rico en ruta hacia el desarrollo inteligente. Primer congreso sobre los impactos económicos, sociales y ambientales de los patrones actuales de desarrollo urbano, con posibles soluciones” (*Puerto Rico’s Road to Smart Growth. First Congress on the Economic, Social, and Environmental Impacts of Current Urban Development Patterns, with Possible Solutions*) (sponsored among others by the Ana G. Méndez University System, Universidad Metropolitana, and by the Puerto Rico Planners Society). Embassy Suites Hotel, Carolina, P.R.
- 10 August 2001: Field inspection by the Commission on Natural Resources and Environmental Quality of the Puerto Rico House of Representatives, of the area implied in House Resolution Numbered 678 (see “Presentations,” below).
- 29 June 2000: “Nuevos Retos y Oportunidades para la Conservación y Manejo de los Recursos Naturales” (a workshop). Ana G. Méndez University System, Universidad Metropolitana, School of Environmental Affairs, San Juan, P.R.
- 22–23 February 2000: Environmental Education Workshop. Department of Natural and Environmental Resources, Humacao Swamp, *Pterocarpus* Forest, and Mandri/Santa Teresa Lagoons Natural Reserve, Humacao, P.R.
- 26–28 October 1998: Caribbean Vegetation Mapping Effort Workshop (sponsored by The Nature Conservancy). Hampton Inn Hotel, Carolina, and U.S. Department of Agriculture, Forest Service, International Institute of Tropical Forestry, San Juan, P.R.
- 24–27 August 1998: 128th Annual Meeting, American Fisheries Society. Hartford Civic Center, Hartford, CT.
- 30 July 1998: Seminar on Game Species Research, Management, and Conservation (sponsored by the Department of Natural and Environmental Resources). The Capitol, San Juan, P.R.
- 13 February 1998: Interagency Workshop and Meeting on the Caño Tiburones Natural Reserve Project (sponsored by the Department of Natural and Environmental Resources). U.S. Army Corps of Engineers, San Juan Area Office, San Juan, P.R.
- 10 October 1997: Workshop on USGS Topographic Quadrangles (sponsored by the Department of Natural and Environmental Resources, and the Department of Geography of the University of Puerto Rico at Río Piedras). Puerto Rico Department of Education, Carnegie Public Library, San Juan, P.R.
- 2 May 1997: 16th Symposium on Puerto Rican and Caribbean Fauna. University of Puerto Rico at Humacao, Humacao, P.R.
- 25–27 February 1997: Annual Meeting, American Fisheries Society, Florida Chapter. Withlacoochee Environmental Center, Brooksville, FL.
- 15–16 May 1996: Conference on Ecology and Management of Waterfowl and Wetland Ecosystems (sponsored by the Mississippi State University Fish and Wildlife Cooperative Research Unit, and the Department of Natural and Environmental Resources). University of Puerto Rico, Humacao University College, Humacao, P.R.
- 6–7 May 1996: 2nd Technical Conference of the San Juan Bay Estuary Program. Sands Hotel and Casino, Carolina, P.R.

- 28–31 August 1995: 125th Annual Meeting, American Fisheries Society. Tampa Convention Center, Tampa, FL.
- 18–19 May 1995: 22nd Conference on Ecosystem Restoration and Creation (sponsored by the Hillsborough Community College). Sheraton Grand Hotel, Tampa, FL.
- 2–3 May 1995: Management and Protection of Estuaries and Coastal Waters: Tools for Local Governments (sponsored by the U.S. Environmental Protection Agency). Radisson Ambassador Plaza Hotel, San Juan, P.R.
- 21 March 1995: Technical Workshop on Grant Proposal Writing for Federal-Aid Projects. Department of Natural and Environmental Resources, Ponce Region, Ponce, P.R.
- 2–3 February 1994: USGS Conference on Coastal Studies. Radisson (now Park Plaza) Normandie Hotel, San Juan, P.R.
- 9 November 1991: IUCN Caribbean Wetlands Meeting. Department of Natural Resources, San Juan, P.R.
- 28 November 1989: Workshop on Development and Wetlands (sponsored by the U.S. Army Corps of Engineers, and the Puerto Rico Home Builders Association). Puerto Rico Engineers and Surveyors Association (*Colegio de Ingenieros y Agrimensores de Puerto Rico*), San Juan, P.R.
- 8 June 1989: Puerto Rican Conference on Hurricanes (sponsored by the Department of Natural Resources). Caribe Hilton Hotel and Casino, San Juan, P.R.

PRESENTATIONS

- 19 August 2003: “An Introduction to the Puerto Rico Local Action Strategy for Coral Reef Ecosystems.” Puerto Rico Local Action Strategy Stakeholder Meeting on Recreational Overuse of Coral Reef Ecosystems in Puerto Rico (sponsored by the Puerto Rico Department of Natural and Environmental Resources and the U.S. National Oceanic and Atmospheric Administration). University of Puerto Rico at Mayagüez, Mayagüez, P.R.
- 30 July 2002: Presentation by the Puerto Rico Department of Natural and Environmental Resources at a public hearing before the Commission on Agriculture, Energy and Natural Resources of the Puerto Rico Senate, on Senate Project 970, to designate the Cerro de las Cuevas area in Juana Díaz, Puerto Rico, as a nature reserve to be managed under Law Numbered 150 of 1988 (*The Puerto Rico Natural Heritage Program Act*). The Capitol, San Juan, P.R.
- 7 May 2002: Presentation by the Puerto Rico Department of Natural and Environmental Resources at a public hearing before the Commission on Tourism of the Puerto Rico House of Representatives, on House Projects 2157, 2159, and 2160, referring to the convenience of joining two or more municipalities into consortia geared toward ecotourism projects, and of making those consortia eligible for tax breaks and similar benefits. The Capitol, San Juan, P.R.
- 23 May 2001: Presentation by the Puerto Rico Department of Natural and Environmental Resources at a public hearing before the Commission on Natural Resources and Environmental Quality of the Puerto Rico House of

Representatives, on House Resolution Numbered 678, to investigate the feasibility of developing an ecotourism project at the “Las Carmelitas” Cave System between Vega Alta and Vega Baja, P.R. The Capitol, San Juan, P.R.

- 10 May 1994: “El papel de la División de Asesoramiento Técnico en el proceso de permisos de extracción de materiales de la corteza terrestre del Departamento de Recursos Naturales y Ambientales.” 2nd Seminar of the Construction Aggregates Industry, Crowne Plaza Hotel, Carolina, P.R.
- 11 April 1986: “Efectos de algunos factores ambientales sobre la zonación de una población de *Littorina ziczac* en la playa rocosa de Punta Maldonado, Loíza, Puerto Rico”. 7th Symposium on Puerto Rican and Caribbean Fauna, University of Puerto Rico, Humacao University College, Humacao, P.R.

Correct as of: 18 March 2012.