

## **RESUME**

### **EDDIE N. LABOY NIEVES**

#### ***Present Position:***

Associate Professor of Environmental Sciences  
President, International Center for Environmental and Sustainable Development Studies

#### ***Education:***

Ph.D., Marine Ecology, Venezuelan Institute for Scientific Research. 1998  
M.S., Wildlife Management, Frostburg State University, Maryland. 1982  
B.S., Environmental Management, University of Puerto Rico, Rio Piedras. 1979

#### ***Research Interests:***

Population ecology of shallow water holothurians. Habitat characterization of raptors. Trace elements dynamics in mangrove and seagrass beds. Mangrove and coral reefs management. Natural resources conservation. Impact of global warming on Caribbean coastal resources. Environmental characterization of Jobos Bay.

#### ***On-going Research Projects:***

- Population ecology of *Holothuria mexicana* and *Isostichopus badionotus*.
- Epibiota associated to *Holothuria mexicana*
- Habitat analysis of tropical sea cucumbers

#### ***Publications:***

Lugo, A.E., E. Medina, E. Cuevas, G. Cintrón, E.N. Laboy-Nieves, & Y. Schäffer-Novelly. 2007. Ecophysiology of a fringe forest in Jobos Bay, Puerto Rico. Caribbean Journal of Sciences (submitted)

Laboy-Nieves, E. N. and J. E. Conde (2006). A new approach for measuring *Holothuria mexicana* and *Isostichopus badionotus* for stock assessment. SPC Beche-de-Mer Information Bulletin 24:39-44

Laboy-Nieves, E. N. and J. E. Conde (2003, January). Bioaccumulation of trace elements in two sedimentivorous holothurians. In Proceedings of Long-term Ecological Research Third Annual Meeting. University of Puerto Rico. Rio Piedras, P.R.

Laboy-Nieves, E. N., P. O. Robles, C. González and J. Capella. 2002. Jobos Bay Estuarine Profile. Department of Natural Resources of Puerto Rico and National Oceanic and Atmospheric Administration. 107 pp.

Laboy-Nieves, E. N. & J. E. Conde. 2001. Heavy metals in eviscerated tissues of two shallow water deposit feeding holothurians. Hydrobiologia 459(1-3):19-26

Laboy-Nieves, E. N., E. Klein, J. E. Conde, F. Losada, J. J. Cruz & D. Bone. 2001. Mass mortality of tropical marine communities in Morrocoy, Venezuela. Bulletin of Marine Science 68(2):163 - 179.

Laboy-Nieves, E. N. 2001. The Natural History of Jobos Bay, Puerto Rico. 158 pp. ISBN: 0-9714413-0-8

Laboy-Nieves, E. N. 1999. La evaluación como estrategia dinámica para mejorar la enseñanza universitaria de la ciencia (Assessment as a dynamic strategy to enhance the teaching of science at college level). In: Páramo Sureda (editor). Comunicar la Ciencia en el Siglo XXI. Tomo II: 249 - 251. Editorial Proyecto Sur, Granada, España.

Laboy-Nieves, E. N. 1997. Environmental Factors that Limit the Distribution and Abundance of *Holothuria mexicana* and *Isostichopus badiotus* in the Morrocoy National Park. Doctoral Dissertation. Venezuelan Scientific Research Institute, Caracas, Venezuela. 279 pp.

Laboy-Nieves, E. N. 1994. Guía de Educación Ambiental para Maestros/as de Escuela Elemental e Intermedia del Sureste de Puerto Rico (Environmental Education Teacher's Guide) . Inter American University of Puerto Rico, Guayama, Puerto Rico. 103 pp.

Laboy-Nieves, E. N., A. Lugo, and G. Cintrón. 1987. Structure and Dynamics of a Mangrove Fringe Forest in the Jobos Bay National Estuarine Research Reserve. U. S. Department of Commerce- NOAA Technical Report Series. 55 pp.

Santana E. C., E. N. Laboy-Nieves, J.A. Mosher, and S. A. Temple. 1986. Red-tailed Hawk Nest Sites in Puerto Rico. *Wilson Bulletin* 98(4): 561-570.

Laboy-Nieves, E. N. 1983. Jobos Bay National Estuarine Sanctuary Management Plan. U.S. Department of Commerce - NOAA. 87 pp.

Laboy-Nieves, E. N. 1982. Habitat Analysis of Red-tailed Hawk Nest Sites in Puerto Rico. Master Degree Thesis. University of Maryland - Frostburg State College. 55 pp.

Laboy-Nieves, E. N. and J. A. Mosher. 1982. Red-tailed Hawk Nest Sites in Tropical and Temperate Forests. Proceedings of the Raptor Research Annual Meeting. MacGuill University, Montreal, Canada. 15 pp.

Block, A., L. de Andino, M.L. Fuentes, E.N. Laboy-Nieves, A. Mirabal, Ortabasi, and M. Riesco. Processing of Raw Sewage Using Magnetic Separation. 1980. *Revista del Colegio de Químicos* 15 (1): 19 - 22.

Block A., U. Ortabasi, M. Riesco, E. N. Laboy-Nieves, L. de Andino, A. Mirabal, I. García, and J. Villamil. 1980. Pilot Plant Studies of High Gradient Magnetic Separation at the Guaynabo Sewage Treatment Plant. *Revista del Colegio de Químicos de Puerto Rico* 15 (3): 4 - 9.

Riesco M., A. Block, L. de Andino, M. L. Fuentes, E. N. Laboy-Nieves, U. Ortabasi, A. Mirabal, H. Miranda, and A. Lluch. 1980. " Treatment of Raw Sewage and Rum Stillage Using High Gradient Magnetic Filtration." *Revista del Colegio de Químicos de Puerto Rico* 15 (2): 4-20.

Laboy-Nieves, E. N. and L. de Andino. 1979. Filtración Magnética de Alto Gradiente: una alternativa para el tratamiento de aguas negras en Puerto Rico. B.S. Degree Research Report. University of Puerto Rico - Río Piedras. 27 pp.