1. IDENTIFICATION AND LOCATION

WILLIAM J. LINDBERG
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2. EDUCATION

Illinois State University	Biological Science	BS, 1973
Illinois State University	Biological Science	MS, 1975
Florida State University	Biological Science	PhD, 1980

3. PROFESSIONAL EXPERIENCE

a. Positions

1999 - 2003	Acting Department Chair, Fisheries & Aquatic Sciences, University of Florida
1991-Present	Associate Professor, Fisheries & Aquatic Sciences, University of Florida
1986-1991	Assistant Professor, Fisheries & Aquatic Sciences, University of Florida
1982-1986	Visiting Ass't Professor, Fisheries & Aquatic Sciences, University of Florida
1982-1983	Florida Sea Grant Extension Program, Interim Coordinator
1981-1982	Florida Sea Grant College Program, Marine Resources Consultant

b. Pertinent Research, Grants

I have held 8 collaborative federal grants since 1995 and 5 state funded grants. My past collaborators include marine ecologists, statisticians, marine geologists and geographers. Subjects of these grants cover habitat selection and growth dynamics of marine fish with spatially stage-structured population dynamics, and spatial assessments of essential fish habitat for enhancement and fisheries independent monitoring. Currently pending and active grants are:

Pending with NMFS Stock and Habitat Assessment Improvement Plan – "Efficient mapping of rock substrata at reef morphology scales to improve independent surveys of reef fishes in the Gulf of Mexico." Co-Principal Investigators: W. Lindberg (UF), G. Fitzhugh (NMFS) and T. Switzer (FWC). 2011-2013. $189,600 requested.

NMFS – MARFIN Program – "Continued development of fisheries independent, habitat-based indices of abundance for pre-reproductive gag grouper in the northeastern Gulf of Mexico." Co-Principal Investigators: W. Lindberg and M. Christman. 2010-2013. $297,500.

NMFS – MARFIN Program – "Development of fisheries independent, habitat-based indices of abundance for pre-reproductive gag grouper in the northeastern Gulf of Mexico." Co-Principal Investigators: W. Lindberg and M. Christman. 2006-2010. $297,900.

c. Teaching

My primary teaching responsibility is an annual graduate course entitled *Scientific Thinking in Ecology*, which explicitly develops students' critical thinking skills and scientific philosophy. This course is part of the core graduate curriculum at UF for the Program in Fisheries & Aquatic Sciences and the School of Natural Resources and the Environment. For this, I was awarded the College of Agricultural and Life Sciences' Graduate Teacher/Advisor of the Year for 2008. This course has also been taught twice as the College's Honors Colloquium for undergraduates seeking honors degrees.

d. Related Activities

Florida Sea Grant Fisheries Habitat Extension Specialist; Reef Fish Scientific and Statistical Committee Member (Gulf of Mexico Fishery Management Council); SEDAR Data Workshops for Goliath, black and red groupers; Gag Update Stock Assessment Panel Member; State of Florida Artificial Reef Advisory Board Member (Florida Fish and Wildlife Conservation Commission); Research and Conservation Working Group Co-Chair for Marine Fisheries Strategic Planning (Florida Fish and Wildlife Conservation Commission); Healthy Coastal Ecosystems Focus Group Leader for Florida Sea Grant Strategic Planning; Reviewer for granting agencies: NOAA Coastal Oceans Program, Sea Grant College Programs (Florida, North Carolina, Maryland), National Marine Fisheries Service, NOAA Undersea Research Program; NOAA Ocean Exploration; Reviewer for scholarly journals: Journal of Applied Ecology, Marine Ecology Progress Series, Journal of Fish Biology, Crustacean Biology, Bulletin of Marine Science, Gulf of Mexico Science.

e. Supervision

Graduate Students: Currently Chair of 1 Ph.D. Committee, and Member of 5 Ph.D. Committees. *Doctoral Graduates (12)*: P. Anderson, N. Brennan, R. Grober-Dunsmore, J. Carlin, J. Wilson, J. Hill, S. Hutchinson, J. Schmid, J. Herrera, A. Gannon, G. Genoni, M. Marshall. *Masters Graduates (27)*: K. Lazar, S. Larsen, D. Goodfriend, L. Berens, R. Kline, B. Kiel, J. Harris, T. Thompson, B. Chockley, M. Hart, C. McNeil, R. Kurz, J. Van Heiningan, T. Frazer, D. Jennings, F. Lockhart, T. Glancy, D. Willis, L. Straub, K. Adicks, E. Bledsoe, T. Lynch, G. Caddick, J. Oppenborn, G. Ovida, C. Donaldson.

c. Citation of Pertinent Publications (of 101 total peer-reviewed and technical papers)

Biesinger, Z. B. Bolker and W. Lindberg. (Accepted). Predicting local population distributions around a central shelter based on a predation risk-growth tradeoff. *Ecological Modeling*.

Lindberg, W.J. and W. Seaman (editors). 2011. Guidelines and Management Practices for Artificial Reef Siting, Usage, Construction and Anchoring in Southeast Florida. Florida Department of Environmental Protection. Miami, FL. And Florida Sea Grant Technical Paper TP-176. xi and 148 pages.

Lindberg, W.J. and M. Schrope. 2010. Understanding the ecology of artificial reefs: n simple answers. Florida Sea Grant Extension Bulletin 65. 4 pp.

Cowan, J.H., +14 co-authors. 2010. Red snapper management in the Gulf of Mexico: science- or faith-based? *Reviews in Fish Biology and Fisheries* DOI 10.1007/s11160-010-9165-7

Grober-Dunsmore, L. E., Frazer, T. K., Beets, J. P., Lindberg, W. J., Zwick, P. and Funicelli, N. 2008. Influence of landscape structure on reef fish assemblages. *Landscape Ecology* 23:37-53.

Grober-Dunsmore, R., +17 co-authors. 2008. Vertical zoning in marine protected areas: Ecological considerations for balancing pelagic fishing with conservation of benthic communities. *Fisheries* **33**:598-610.

Grober-Dunsmore, R., T. K. Frazer, W. J. Lindberg, and J. Beets. 2007. Reef fish and habitat relationships in a Caribbean seascape: the importance of reef context. *Coral Reefs* **26**:201-216.

Lindberg, W.J., T.K. Frazer, K.M. Portier, F. Vose, J. Loftin, D.J. Murie, D.M. Mason, B. Nagy, and M.K. Hart. 2006. Density-dependent habitat selection and performance by a large mobile reef fish. *Ecological Applications* 16(2):731-746.

Mason, D.M., B. Nagy, M. Butler, S. Larsen, D.J. Murie, and W.J. Lindberg. 2006. Integration of technologies for understanding the functional relationship between reef habitat and fish production. pp 105-116. *In* J. Christopher Taylor (ed.), Emerging Technologies for Reef Fisheries Research and Management. *NOAA Professional Paper NMFS 5*.

Osenberg, C.W., C.M. St. Mary, J.A. Wilson, and W.J. Lindberg. 2002. A quantitative framework to evaluate the attraction-production controversy, with application to marine ornamental fisheries. *ICES Journal of Marine Science*. 59:S214-S221.

St. Mary, C.M., C.W. Osenberg, T.K. Frazer, and W. J. Lindberg. 2000. Stage structure, density dependence, and the efficacy of marine reserves. *Bulletin of Marine Sciences* 66:675-690.