

Biographical Sketch

NAME: Richard D. Bartleson, Ph.D. **PROFESSIONAL ADDRESS**
POSITION: Research Scientist Sanibel-Captiva Conservation Foundation
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EDUCATION

<u>University</u>	<u>Major</u>	<u>Dates</u>	<u>Degree</u>
University of South Florida	Biology	1980	B.A.
University of Florida	Eng. Science	1988	M.S.
University of Maryland, College Park	Env. Science	2004	Ph.D.
South Florida Water Management District		2002-2005	Post-Doc

PROFESSIONAL EXPERIENCE

<u>Dates (yrs.)</u>	<u>Position</u>	<u>Employer/Affiliation</u>
2009-present	Courtesy Faculty and Member	Florida Gulf Coast University
2010-present	Coastal Watershed Institute	Florida Gulf Coast University
2006-present	Research Scientist	SCCF Marine Laboratory
2002-2005	Sr. Environmental Scientist	South Fla. Water Mgmt. District/SCI
2000-2002	Seagrant Fellow	Univ. of Maryland/ Maryland Seagrant
1988-2000	Sr. Faculty Research Assistant	Univ. of Maryland, Horn Point Lab
1986-1988	Faculty Research Assistant	USFWS Co-op Unit, Univ. of Florida

SELECTED PUBLICATIONS

- Bartleson R.D.** 1988. The relative influence of current reduction by seagrasses on sediment nutrients and seagrass growth in high and low nutrient waters: a simulation model and field observations. University of Florida, Master's thesis. 77 pp.
- Pearlstine, L.G., W.M. Kitchens, P.J. Latham, and **R.D. Bartleson**, 1993. Tide gate influences on a tidal marsh. Water Res Bull 29:1009-1019
- Murray, L., R.B. Sturgis, **R.D. Bartleson**, W. Severn, and W.M. Kemp, 2000. Scaling submersed plant community responses to experimental nutrient enrichment. pp. 241-257 in: Bortone SA (ed) Seagrasses: Monitoring, Ecology, Physiology, and Management. CRC Press, Boca Raton, FL
- Batiuk, R., P. Bergstrom, M. Kemp, E. Koch, L. Murray, C. Stevenson, **R. Bartleson**, V. Carter, N. Rybicki, J. Landwehr, C. Gallegos, L. Karrh, M. Naylor, D. Wilcox, K. Moore, S. Ailstock, M. Teichberg. 2000. Chesapeake Bay submerged aquatic vegetation water quality and habitat-

based requirements and restoration targets: A second technical synthesis. CBP/TRS 245/00. EPA 903-R-00-014, U.S. EPA, Chesapeake Bay Program, Annapolis, MD

Petersen J.E., W.M. Kemp, **R.D. Bartleson**, W.R. Boynton, C.C. Chen, J.C. Cornwell, R.H. Gardner, D.C. Hinkle, E.D. Houde, T.C. Malone, W.P. Mowitt, L. Murray, L.P. Sanford, and S.E. Suttles, 2003. Multiscale Experiments in Coastal Ecology: Improving Realism and Advancing Theory. Bioscience 53:1181-1197

Bartleson, R.D. 2004 Interactions of seagrass beds and the water column: effects of bed size and hydrodynamics. Ph.D. Dissertation, University of Maryland at College Park, College Park, 235 pp.

Kemp W.M., R. Batiuk, **R.D. Bartleson**, P. Bergstrom, V. Carter, C.L. Gallegos, W. Hunley, L. Karrh, E.W. Koch, and J.M. Landwehr, 2004. Habitat requirements for submerged aquatic vegetation in Chesapeake Bay: water quality, light regime, and physical-chemical factors. Estuaries 27 (3):363-377

Bartleson R.D., W.M. Kemp, J.C. Stevenson, 2005. Model analysis of effects of trophic complexity on *Potamogeton perfoliatus* biomass and growth in microcosms. Ecological Modelling 185:483-512

Bartleson R.D., M.J. Hunt, and P.H. Doering. Physiological responses of *Vallisneria americana* to light, temperature and salinity. Journal of Aquatic Plant Management. In prep.

Current Support

<u>Granting Agency</u>	<u>Title</u>	<u>Amount, Time%</u>
USFWS	Flex Funds, J.N. Ding Darling NWR, Algae Bloom Nutrient Source Tracking 2011-2013	\$24,400, 5%
USFWS	Flex Funds, J.N. Ding Darling Landscape-Scale Assessment of Water Quality and Critical Seagrass Habitats 2011-2013	\$57,209, 5%
NSF-DBI	Biological Field Stations & Marine Labs Program, Comprehensive Planning for a Sustainable Mar. Res. Lab., 2010-2011	\$18,825, 2%
NACo	Restoration of critical marine habitats (mangrove, SAV, oyster) in coastal Lee County, FL, 10/09- 9/11	\$70,500, 5%
Humiston & Moore	<i>Halodule</i> restoration of prop scars of seagrass beds around Tarpon Bay FL, 12/10- 12/15	\$39,257, 5%

Pending Support

<u>Granting Agency</u>	<u>Title</u>	<u>Amount, Time%</u>
NOAA	This HAB Proposal	\$300,000, 10%

Collaborators

Peter Doering, Melody Hunt South Florida Water Management District, David Fugate, Florida Gulf Coast University, Advisors: W.M. Kemp, J.C. Stevenson, L. Sanford, J. Cornwell, University of Maryland