

Abbreviated Vitae

NAME:	Richard D. Bartleson, Ph.D.	PROFESSIONAL ADDRESS
POSITION:	Research Scientist	Sanibel-Captiva Conservation Foundation Marine Laboratory 900A Tarpon Bay Rd. Sanibel, FL 33957
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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>
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
2009-present	Courtesy and Graduate Faculty and Member Coastal Watershed Institute/Marine & Ecolog. Sci.	Florida Gulf Coast University

RELATED RESEARCH (partial since 2000)

<u>Granting Agency</u>	<u>Title</u>	<u>Amount</u>
SFWM	SAV monitoring in Caloosahatchee and San Carlos Bay, 2006-2007.	\$150,000
SFWM	Tape grass growth and photosynthesis experiments, 2006-2008.	\$97,000
City of Sanibel	Sanibel algae and seagrass monitoring, March-August, 2006.	\$17,000
Lee Co.	<i>Ruppia</i> restoration and monitoring in the Lower Caloosahatchee, 2008-2009.	\$10,000
SFWM	RECOVER Northern Estuaries Monitoring and Assessment Plan: Caloosahatchee Estuary SAV Monitoring, 2009.	\$5,500
Lee County, TDC	A study to identify potential sources of impaired waters and associated habitat status in nearby waters surrounding Captiva, FL, 2008-2009.	\$114,925
USFWS	Flex Funds, J.N. Ding Darling Landscape-Scale Assessment of Water Quality and Critical Seagrass Habitats, 18 mo., 2009-2011	\$57,209
FL Sea Grant	Program Development Grant, Reopening a Tidal Pass, 2009-2010.	\$6,593
TNC	Restoration of oyster reef habitats in a recently modified substrate-limited embayment: positive impacts on associated fish, invertebrates and seagrasses 2009-2011	\$77,781
NSF-DBI	Biological Field Stations & Marine Labs Program, Comprehensive Planning for a Sustainable Mar. Res. Lab., 2010-2011	\$18,825
NACo	Restoration of critical marine habitats (mangrove, SAV, oyster) in coastal Lee County, FL, 10/09- 9/11	\$70,500
GOMF, NOAA	Gulf of Mexico Community Restoration Partnership, Restoration/Enhancement of Bay Scallops (<i>Argopecten irradians</i>), Eastern oysters (<i>Crassostrea virginica</i>) and Adjacent Seagrasses within Protected (NWR) Areas in Southwest Florida, L. Coen et al., 2010-2012, pending.	\$65,574

RELATED RESEARCH (partial since 2000) CONT.

<u>Granting Agency</u>	<u>Title</u>	
NOAA	GCOOS-RA, Partial funding of RECON, 2011-2016, Rybak, et al., 2011-2016, pending.	\$336,674
US F&WS	Flex Funds, J.N. Ding Darling Landscape-Scale Assessment of Water Quality and Critical Seagrass Habitats, 18 mo., 2011-2012, pending.	\$65,693

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.**, E.D. Berris, L.B. Linsmeyer, M.P. Hannan, and J. Siwicke. 2006. Final Report: Macroalgae and seagrass monitoring during spring and summer of 2006. Report to City of Sanibel 54 pp.
- Bartleson R.D.**, 2010. Feasibility of *Ruppia* restoration in the Caloosahatchee Estuary. Final Report to Lee County. 52 pp.
- 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.