

Abbreviated Vitae

NAME: Alex Rybak, Ph.D. **PROFESSIONAL ADDRESS**
POSITION: Research Scientist/
GIS/Database Manager Marine Laboratory, Sanibel-Captiva
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EDUCATION

<u>University</u>	<u>Major</u>	<u>Dates</u>	<u>Degree</u>
Simferopol State University, Ukraine	Geography	1990	B.S.
University of Arizona	Renewable Natural Resources	2000	M.S.
Simferopol State University, Ukraine	Physical Geography	1996	Ph.D.
Oklahoma State University	Natural Resource Ecology & Management	exp. 2010	Ph.D.

AWARDS

2006. The Wildlife Society's Outstanding Publication Award for the monograph *Guthery, F. S., A. R. Rybak, S. D. Fuhlendorf, T. L. Hiller, S.G. Smith, W. H. Puckett, Jr., and R.A. Baker. 2005. Aspects of the thermal ecology of bobwhites in North Texas. Wildlife Monographs, 159: 1-37.*

2003-05. Post-Doctoral Fellowship, Oklahoma State University, Dept. of Zoology/USGS Oklahoma Cooperative Fish and Wildlife Research Unit.

2000. Oklahoma State University Presidential Fellowship.

1998-2000. Open Society Institute Environmental Fellowship, University of Arizona

PROFESSIONAL EXPERIENCE

<u>Dates (yrs.)</u>	<u>Position</u>	<u>Employer/Affiliation</u>
2008-present	Research Scientist/GeoDatabase Manager	SCCF Marine Laboratory
2008-present	Courtesy Faculty, Mar. Sci. Program	Florida Gulf Coast University
2010-present	Adjunct Graduate Faculty	Florida Gulf Coast University
2010-present	Affiliate Member	Coastal Watershed Institute, FGCU
2005-2008	Fisheries and Wildlife Biological Scientist IV	Florida Fish and Wildlife Conservation Commission
2003-2005	Post-Doctoral Fellow	Oklahoma State University
2000-2003	Research Associate	Oklahoma State University
1998-2000	Graduate Research Associate	University of Arizona
1996-1998	Adjunct Professor	International Sci. and Technology University
1990-1998	Research Scientist	Ukrainian Academy of Agrarian Sciences

RELATED RESEARCH

<u>Granting Agency</u>	<u>Title</u>	<u>Amount</u>
FIO-BP	The Deepwater Horizon oil spill: Assessing impacts on a critical habitat, oyster reefs and associated species in Florida Gulf estuaries, E. Proffitt et al., 24 months, 2010-2012.	\$348,629
NSF	Comprehensive Planning for a Marine Research Laboratory, 2010-2011.	\$18,825
USFWS Flex Funds	J.N. "Ding" Darling landscape-scale assessment of water quality and critical seagrass habitats, 18 mo., 2009-2011.	\$42,172
FL Sea Grant	Reopening a tidal pass: Implications for water quality and seagrasses, 2009-2010.	\$6,593
Lee County TDC	SCCF water quality observing system, 2008-2009	\$67,707
Lee County TDC	A study to identify potential sources of impaired waters and associated habitat status in nearby waters surrounding Captiva Island, Florida, 2008-2011.	\$194,857
TNC-NOAA CRP	Community-based restoration of oyster habitat: A project to evaluate its success, associated effects on water quality and seagrass health in a recently modified, substrate-limited southwestern Florida embayment, 2009-2011.	\$77,781
NACO-NOAA	Restoration of critical marine habitats (mangrove, SAV, oyster) in coastal Lee County, FL, 2009-2011, E. Milbrandt, PI.	\$70,500
Lee Co./Sanibel	Grazing component of Drift Algae Project, 2009-2010.	\$14,722
Lee Co./Sanibel	Sanibel Hydroacoustic/video surveying and related ground-truthing for Drift Algae Project, 2008-2010.	\$94,000
USGS	Production of statewide 5-meter Digital Elevation Model: Cooperative Agreement between the USGS National Geospatial Program Office and the Florida Fish and Wildlife Conservation Commission, 2007–2008. PI.	\$130,000
USFWS SWG	Florida freshwater and tidal stream fish distribution mapping—Phase I: Florida’s Panhandle, 2008. PI.	\$86,396
WFF CWT	Mapping threats to Florida freshwater habitats, 2007–2008. PI.	\$64,892
FWC NWG	Field survey for accuracy assessment of Florida’s freshwater stream map, 2007. PI	\$42,971
USFWS SWG	Florida stream habitat classification, 2005–2007. PI.	\$226,321

SELECTED RELEVANT PUBLICATIONS (Since 2000)

- Rybak, O.**, S. D. Fuhlendorf, F. S. Guthery, and D. M. Leslie, Jr. Connecting landscape thermal dynamics and global climate change. Proc Natl Acad Sci USA. In Preparation.
- Hiller, T. L., F. S. Guthery, **A. R. Rybak**, S. D. Fuhlendorf, S. G. Smith, W. H. Puckett Jr., and R. A. Baker. 2007. Management implications of cover selection data: Northern bobwhite example. Journal of Wildlife Management, 71(1): 195-201.
- Guthery, F. S., **A. R. Rybak**, S. D. Fuhlendorf, T. L. Hiller, S.G. Smith, W. H. Puckett, Jr., and R.A. Baker. 2005. Aspects of the thermal ecology of bobwhites in North Texas. Wildlife Monographs, 159: 1-37.
- Guthery, F. S., **A. R. Rybak**, W. R. Walsh, S. D. Fuhlendorf, and T. L. Hiller. 2005. Quantifying usable space for wildlife with use-availability data. Journal of Wildlife Management, 69(2): 655-663.
- Guthery, F. S., T. L. Hiller, W. H. Puckett Jr., R. A. Baker, S. G. Smith, and **A. R. Rybak**. 2004. Effects of feeders on dispersion and mortality of bobwhites. Wildlife Society Bulletin, 32(4): 1248-1254.
- Cordova, C. E., **A. R. Rybak**, and P. H. Lehman. 2001. Vegetation patterns and conservation issues in Southern Crimea. Eurasian Geography and Economics (formerly Post-Soviet Geography and Economics), 42(5): 362-385.
- Kunzmann, M. R., **A. R. Rybak**, and P. S. Bennett. 2000. Yellow-billed cuckoo (*Coccyzus americanus occidentalis*) habitat identification using GPS and GIS based survey information. The 20-th Annual ESRI User Conference. June 26-30, 2000. San Diego, CA.