

## MICHAEL IVES VOLK, RLA

Center for Landscape Conservation Planning

Department of Landscape Architecture, School of Landscape Architecture and Planning

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### PROFESSIONAL EXPERIENCE

- 2012-Current      **University of Florida Department of Landscape Architecture:**  
Research Assistant Professor (2014- Current)  
Adjunct Assistant Professor (2012-2014)
- 2009-Current      **University of Florida Center for Landscape Conservation Planning:**  
Project Coordinator and Landscape Planner  
<http://conservation.dcp.ufl.edu/>
- 2009-Current      **Volk Design Consultants, LLC:** Landscape Architect  
<http://volkdesign.com/>
- 2008-2009      **McClain Design Group, Inc:** Landscape Designer/Project Manager
- 2007-2008      **University of Florida Department of Landscape Architecture:**  
Landscape Construction Teaching Assistant
- 2006      **City of Gainesville Community Redevelopment Agency:**  
Façade Grants Program Intern
- 2006      **Town of High Springs Planning Department:** Planning Intern
- 2005-2007      **University of Florida Community Outreach Partnership Program:**  
Graduate Assistant
- 2003      **Taliesin Architects:** Architectural Draftsman
- 2001-2002      **Roy-Fisher Associates, Inc:** Landscape Architectural Intern

### EDUCATION

- 2005-2008      **University of Florida:** Masters of Landscape Architecture Degree, Certificate in Historic Preservation, 3.79 GPA.  
Master Thesis: *Strategies for Adaptation to Sea Level Rise in Florida*
- 2007      University of Florida Preservation Institute, Mt Lebanon Shaker Village
- 2006      University of Florida Paris Research Center, Paris France
- 2003-2005      **Taliesin, Frank Lloyd Wright School of Architecture:**  
Bachelor of Architectural Studies Degree, 3.75 GPA
- 2000-2001      **Palm Beach Community College:** Associate of Arts Degree, 3.9 GPA
- 1996-2000      **A.W. Dreyfoos School of the Arts High School:**  
Graduate with Honors, 3.7 GPA

### PROFESSIONAL AFFILIATIONS

- 2010-Current      Florida Registered Landscape Architect

## COURSES TAUGHT

2014-2015	Co-Instructor, Grad/Undergraduate Landscape Management
2014-2015	Co-Instructor, Graduate Environmental Planning and Design Studio
2013-2015	Co-Instructor, Graduate Online Ecological Issues in Sustainability (Site analysis, site and neighborhood design, adaptive management, and governance modules)
2013-2014	Co-Instructor, Undergraduate Environmental Planning and Design Studio
2012, 2014-15	Instructor, Graduate Environmental and Ecological Policy Seminar
2007-2008	Teaching Assistant, Landscape Construction Studio 1 & 2

## SERVICE (NON-ACADEMIC)

2010-2013	Alachua County Certified Master Gardener
2010-2013	City of Gainesville Historic Preservation Board
2008-2011	Historic Gainesville Inc. Secretary (2009-2010), Vice President (2010-2011), President (2011)

## AWARDS

2014	APA Student Project Award for Excellence in Small Town and Rural Planning
2008	University of Florida ASLA Award of Honor
2006	Florida ASLA Award
2005	Taliesin Research and Travel Grant
2005	Taliesin Fellows Memorial Award
1999	Boy Scouts of America Eagle Scout

## SOFTWARE PROFICIENCY

AutoCAD 2010, Sketchup, Adobe Software, ArcGIS, MS Office

## PEER REVIEWED PUBLICATIONS

### Published or In Press

Zhu, M., Hocht, T., **Volk, M.**, Frank, K., Zwick, P., Carr, M., Linhoss, A. (2015). Spatial Prioritization to Conserve Biodiversity in Response to Sea Level Rise and Land Use Change in the Matanzas Basin, Northeast Florida. *Landscape and Urban Planning*, 144(2015), 103-118.

[doi:10.1016/j.landurbplan.2015.08.018](https://doi.org/10.1016/j.landurbplan.2015.08.018)

**Volk, M.**, Nettles, B., Frank, K. (2015). Managing Coastal Change in the Cultural Landscape: A Case Study in Yankeetown and Inglis, Florida. *Change Over Time*, 5(2), 226-246.

[http://muse.jhu.edu/journals/change\\_over\\_time/toc/cot.5.2.html](http://muse.jhu.edu/journals/change_over_time/toc/cot.5.2.html)

Zhu, M., Hocht, T., **Volk, M.**, Frank, K., Linhoss, A. (2015). The Conservation Value of Elevation Data Accuracy and Model Sophistication in Reserve Design under Sea Level Rise. *Journal of Ecology and Evolution*: [doi: 10.1002/ece3.1669](https://doi.org/10.1002/ece3.1669)

Zhu, M., Xuesong, X., Hocht, T., **Volk, M.** (2015). Integrating Conservation Costs into Sea Level Rise Adaptive Conservation Prioritization. *Global Ecology and Conservation*:

[doi:10.1016/j.gecco.2015.05.007](https://doi.org/10.1016/j.gecco.2015.05.007)

- Gillespie, S., **Volk, M.** (2014). A 3D Model of Complex A, La Venta, Mexico. *Digital Applications in Archeology and Cultural Heritage*: <http://dx.doi.org/10.1016/j.daach.2014.06.001>
- Reece JS, Noss RF, Oetting J, Hctor T, **Volk M.** (2013). A Vulnerability Assessment of 300 Species in Florida: Threats from Sea Level Rise, Land Use, and Climate Change. *PLoS ONE* 8(11): e80658. [doi:10.1371/journal.pone.0080658](https://doi.org/10.1371/journal.pone.0080658)

#### In Preparation or Review

- Frank, K., **Volk, M.**, Jourdan, D., Hctor, T., Zwick, P., Shirley, M., Linhoss, A., Kiker, G. Integrated and Collaborative Land Use Planning for Coastal Resilience: Considering Sea Level Rise, Development Patterns, and Conservation Priorities in the Matanzas River Basin, Florida. *In review at Journal of Planning Education and Research*
- Zhu, M., Hctor, T., **Volk, M.** Assessing Species Habitat Change in the Face of Sea Level Rise and Land Use Change in the Matanzas Basin, Northeast Florida. *In review at the Journal of Ecology and Evolution.*

#### **BOOK ILLUSTRATIONS**

- Grove, D. (2014). *Discovering the Olmecs: An Unconventional History*. University of Texas Press.

#### **WHITE PAPERS AND TECHNICAL REPORTS**

- Frank, K., **Volk, M.** Jourdan, D. (2015). Planning for Sea Level Rise in the Matanzas Basin: Opportunities for Adaptation. Final Report to the National Estuarine Research Reserve System Science Collaborative, Durham, NH. <https://planningmatanzas.files.wordpress.com/2012/06/planning-for-sea-level-rise-in-the-matanzas-basin1.pdf>
- Frank, K., Jourdan, D., **Volk, M.** (2014). Planning for Coastal Change in Levy County: Opportunities for Adaptation. <https://changinglevycoast.files.wordpress.com/2012/06/planning-for-coastal-change-in-levy-county-final.pdf>
- Noss, R., Reece, J., Hctor, T., **Volk, M.**, Oetting, J. (2014). Adaptation to Sea-level Rise in Florida: Biological Conservation Priorities. Final Report. Kresge Foundation, Troy, MI.
- Oetting, J., Hctor, T., **Volk, M.** (2014). Critical Lands and Waters Identification Project (CLIP): 3.0. Final Report. US Fish and Wildlife Service, Vero Beach, FL.
- Hctor, T., Oetting, J., Noss, R.F., **Volk, M.**, Reece, J. (2014). Predicting and Mitigating the Impacts of Sea Level Rise and Land Use Change on Imperiled Species and Natural Communities. Final Report. Florida Fish and Wildlife Conservation Commission, Tallahassee, FL.
- Frank, K., **Volk, M.**, Reiss, S., Zeng, R., Rosenbloom, J., Bennett, K. (2013). Yankeetown-Inglis: Strategies for Adaptation to Coastal Change: A Guidebook for Resiliency. <http://changinglevycoast.files.wordpress.com/2013/12/yankeetown-inglis-adaptive-design-report.pdf>
- Hctor, T., **M. Volk, M.** Spontak. (2013). Updating the Florida Ecological Greenways Network. Final Report. Florida Fish and Wildlife Conservation Commission, Tallahassee, FL.
- Volk, M.**, Ruppert, T., Deyle, R. (2013). Sinking Assets: A Decision Framework and Strategies for Adaptation to Sea Level Rise in Florida. *Florida State University Department of Urban and Regional Planning*. <http://www.coss.fsu.edu/durp/node/471>

## RECENT SIGNIFICANT PROJECTS

- 2014-Current **Reimagining the Form of Rural Coastal Communities in Response to Sea Level Rise:** *Associate Investigator*. Funding to date: \$150,000. Kathryn Frank, PI.
- 2013-Current **Updating the Critical Lands and Waters Identification Project (CLIP) 3.0 Database:** *Co-Principal Investigator*. Funding since 2013: \$171,094. Tom Hctor, PI.
- 2007-Current **Reconstructing the Archeological History of La Venta Complex A:** *Project Manager*. Susan Gillespie, PI.
- 2012-2014 **Rural Adaptation Planning for Sea Level Rise in Levy County:** *Project Manager*. Funding to date: \$200,000. Kathryn Frank, PI. *Recipient of an APA Student Award*. <http://changinglevycoast.org/>
- 2011-2014 **Predicting and Mitigating the Effects of Sea Level Rise and Land Use Changes on Imperiled Species and Natural Communities in Florida:** *Co-Principal Investigator/Project Manager*. Funding to date: \$269,724. Tom Hctor, PI.
- 2011-2014 **Planning for Sea Level Rise in the Matanzas Basin:** *Project Manager*. Funding to date: \$618,377. Kathryn Frank, PI. *Published in the November 2013 issue of Landscape Architecture Magazine*. <http://planningmatanzas.org/>
- 2011-2012 **Community Design Guidelines, Blight Eradication Policy and Survey Assistance, and Transportation and Open Space Master Plan Design, Millville Community Redevelopment Area, Panama City, FL:** *Landscape Architect and Prime Consultant*. <http://www.volkdesign.com/Planning-%20Millville.htm>
- 2009-2010 **Transportation and Open Space Master Plan, Bagdad, FL:** *Landscape Architect and Prime Consultant*. <http://volkdesign.com/Planning-%20Bagdad%20Masterplan%201.htm>
- 2008-2009 **Historic Mill Site Master Plan, Bagdad, FL:** *Landscape Architect and Prime Consultant*. <http://volkdesign.com/Planning-%20Bagdad%20Mill%20Site.htm>
- 2008-2009 **Gainesville Regional Utilities Eastside Operations Center:** *Landscape Designer, McClain Design Group, Inc.*

## RECENT PRESENTATIONS

- Noss, R., Reece, J., Volk, M., Hctor, T., Oetting, J., Zwick, P., Carr, M. Population Growth and Sea-Level Rise on a Collision Course in Florida. Symposium "Ecological Economics and Planetary Stewardship: Making Up for Lost Time". Presentation at the 2015 ESA Annual Meeting, August 9-14 in Baltimore, MD.
- Volk, M. (2015). Climate Change 101: Environmental Implications for Florida Parks and Resources. Presentation at the 2015 National Park Service Climate Friendly Parks Workshop. St Augustine, FL.
- Hctor, T., Volk, M. (2015). Adaptation to Sea Level Rise in Florida: Biological Conservation Priorities. Presentation at the College of Design Construction and Planning Annual Research Symposium. Gainesville, FL.
- Volk, M., Flagg, B., Niemann, B., Dennis, J. (2013). Sea Level Rise in Florida: Legal, Planning, and Design Implications for Landscape Architects. *Presentation at the 2013 Florida Chapter of the American Society of Landscape Architects State Conference*. St. Petersburg, FL.

- Volk, M. February (2012). Building up from the Blight: Policy Options for Eradicating Blight. *Presentation at the quarterly Waterfronts Florida Program Managers Conference*. Panama City, FL.
- Hector, T., Noss, R., Oetting J., Volk, M., Reece, J. (2011). Sea Level Rise: Biodiversity Impacts and Adaptation Strategies. *Poster session presented at the Florida Climate Institute Annual Event*. Gainesville, FL.
- Volk, M. (2011). The State of Sea Level Rise: Community and Site Planning Strategies for Adaptation to Sea Level Rise in Florida. *Presentation at the 2011 Florida Chapter of the American Society of Landscape Architects State Conference*. West Palm Beach, FL.
- Volk, M. (2010). Strategies for Adaptation to Sea Level Rise. *Presentation at the 2010 Florida Institute for Conservation Science Symposium, Archbold Biological Station*. Lake Placid, FL.
- Volk, M. (2009). Strategies for Adaptation to Sea Level Rise. *Presentation at the 2009 Florida Chapter of the American Society of Landscape Architects State Conference*. Fort Myers, FL.
- Gillespie, S., J. Toney, and M. Volk. (2009). Mapping La Venta Complex A: Archival Archeology in the Digital Age. *Poster session presented at the annual meeting of the Society for American Archeology*. Atlanta, GA.
- Volk, M. (2008). Strategies for Adaptation to Sea Level Rise. *Presentation at the quarterly Waterfronts Florida Program Managers Conference*. Daytona Beach, FL.
- Noss, R., T. Hector, M. Volk, S. Beyeler, J. Oetting, J. Weiss, and J. Overpeck. (2008). Between the Devil and the Deep Blue Sea: Characteristics of Terrestrial Climate Sensitive Species (necessity of adaptive land corridors). *Presentation at the Florida Fish and Wildlife Commission Summit: Florida's Wildlife: On the Frontline of Climate Change*. Orlando, FL.
- Noss, R., T. Hector, M. Volk. (2008). Determining Priorities for Conservation, Restoration, and Adaptation in Highly Dynamic Land-Sea Interfaces. *Presentation at the Society for Conservation Biology annual meeting*. Chattanooga, TN.
- Ankersen, T., T. Ruppert, and M. Volk. (2006). Waterfront Design Guidelines (Principles and Best Practices). *Presentation at the quarterly Waterfronts Florida Program Managers Conference*. Port St. Joe, FL.

#### **STUDENT COMMITTEES**

- 2015-16 Leslie Babiak. In progress. (Thesis Committee Chair)
- 2015-16 Jacqueline Bayliss. In progress. (Thesis Committee Member)
- 2014-15 Allen, C. Strategies for Addressing Sea Level Rise and Sprawl Repair in Brevard County, Florida. (Thesis Committee Member)
- 2014-15 Visconti, C. Adaptation to Coastal Change: Strategies for Evolving and Maintaining the Vernacular Landscape in the Face of Coastal Change. (Thesis Committee Member)

#### **ACADEMIC COMMITTEES (not required under current appointment)**

- 2015-16 UF Department of Landscape Architecture Faculty Search Committee
- 2015 UF School of Landscape Architecture and Planning GeoPlan Director Search Committee
- 2014-15 UF Department of Landscape Architecture Faculty Search Committee