

# STEPHEN BUCKMAN

Clemson University  
Department of City Planning and Real Estate Development  
Master of Real Estate Development Program  
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## EDUCATION

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- 2013**      **Doctor of Philosophy: Geography**  
Arizona State University: School of Geographical Sciences & Urban Planning  
Dissertation: *Canal Oriented Development as an Urban Waterfront Development Mechanism*  
(Chair: Emily Talen)
- 2002**      **Master of Arts: Geography**  
Syracuse University: Maxwell School of Citizenship and Public Affairs  
Thesis: *The Geopolitics of Downtown Megastructure Development: The Case of Bank One Ballpark and Phoenix* (Chair: Beverly Mullings)
- 2001**      **Master of Public Administration**  
Syracuse University: Maxwell School of Citizenship and Public Affairs
- 1996**      **Bachelor of Arts: Liberal Arts**  
The Evergreen State College

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## RESEARCH AND TEACHING INTERESTS

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Community Resiliency	Socio-Ecological Urban Impacts	Waterfront Development
Urban Economic Development	Planned Community	Real Estate Development

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## ACADEMIC POSITIONS

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### Clemson University

Clemson/Greenville, SC

**8/18-present**    **Assistant Professor of City Planning & Real Estate Development**

Department of City Planning & Real Estate Development

Master of Real Estate Development Program

### University of South Florida

Tampa, FL

**8/15-8/18**      **Assistant Professor of Urban & Regional Planning**

School of Public Affairs

Master of Urban Planning Program

**10/17-5/18**    **Director of MA Concentration in Sustainable Policy (interim)**

Patel College of Sustainability

### University of Michigan

Ann Arbor, MI

**12/13-8/15**    **Postdoctoral Research Fellow**

Taubman College of Architecture & Urban Planning

**Arizona State University**

Tempe, AZ

6/11-8/13 Faculty Associate

School of Geographical Sciences and Urban Planning

**PUBLICATIONS**

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In Progress

Pijawka, D., **S. Buckman**, and M. Gomez. Working title: "Flipping the Urban Planning and Sustainability Classroom." To be submitted to *Journal of Planning Education and Research*.

**Buckman, S.**, and Y. Hu. Working title: "Beyond Hazard Mitigation Planning: Scenario Planning for Resilient Waterfront Communities and its Potential for the Tampa Florida Region." To be submitted to the *Professional Geographer*.

**Buckman, S.** and K. Trautenberg-Frick Working title: "Resilient Master Planning in Politically Conservative Communities." To be submitted to TBD

**Buckman, S.** and N. Tremblay. Working title: "Local First Campaigns as Economic Resiliency: A US national survey." To be submitted to *Local Economy*.

**Buckman, S.**, J. Burton, and N. Tremblay. Working title: "More than Smoke and Mirrors: The perspectives of Florida CRA staff and their role in local economies." To be submitted to *Journal of American Planning Association*.

Under Review

**Buckman, S.** and R. Norton. "Scenario-based Master Planning for More Resilient Coastal Communities" In *A Handbook of Urban Resilience* Eds M. Burayidi, J. Twigg, A. Allen, and C. Wamsler, Routledge Press (accepted abstract with final chapter under review: scheduled publication date 2019).

Norton, R., **S. Buckman**, G. Meadows and Z. Rable. "Using Simple Decision-Centered Scenario-Based Planning to Integrate Coastal Hazard Management into the Master Plans of Small Great Lakes Communities." Submitted to *Landscape and Urban Planning*.

**Buckman, S.**, M. Arquero de Alarcón, and J. Maigret. "Tracing Shoreline Flooding: Using Visualization Approaches to inform Scenario Based Resiliency Planning for Great Lakes Communities. Submitted to *Urban Geography*.

Peer-Reviewed Articles

**2019** McAslan, D and **S. Buckman**. "Canals, Streets, and the Building of an Urban Desert Oasis: The impact of canals on the culture and geography of Phoenix, Arizona." *Journal of the Southwest*. (forthcoming Autumn 2019)

**2018** **Buckman, S.**, M. Latorre, N. Nawawy, B. Koh, and M. Bosman. "A Qualitative Evaluation of Arts-Based Neighborhood Revitalization: The Case of 'The Space at 2106 Main' in West Tampa, Florida." *Papers in Regional Science*. (<http://dx.doi.org/10.1111/pirs.12378>) (print edition forthcoming fall 2018)

Norton, R., N. David, **S. Buckman** and P. Koman. "Overlooking the Coast: Characterizing and Explaining Limited Local Planning for Coastal Area Management along Michigan's Great Lakes." *Land Use Policy*. Vol. 71: 183-203.

**2017** **Buckman, S.**, I. Trivers, C.M. Kayanan, and T. Black. "Hope for New Communities as an Alternative to Sprawl?: Insights from developer perceptions of amenities in future new communities in the U.S. and U.K." *Land Use Policy*. Vol. 60: 233-241.

**2016** **Buckman, S.** "Canal Oriented Development as Waterfront Place-Making: An analysis of the built form" *Journal of Urban Design*. Vol. 21(6): 785-801.

- Buckman, S.** and A. Hamdan. “The Demographic Results of Place-Based Canal Oriented Development” *Journal of Urban Regeneration and Renewal*. Vol. 9(4): 355-366.
- 2014** **Buckman, S.** “The Development Feasibility of Canal Oriented Development in the Arid Southwest: Opinions of key stakeholders.” *Land Use Policy*. Vol. 39: 342-349.
- 2013** **Buckman, S.,** N. Ellin, and D. Proffitt. “Desert Urbanism: Canalscape for metropolitan Phoenix.” *Journal of Urban Regeneration and Renewal*, Vol. 7(1): 42-54.
- 2012** **Buckman, S.** and E. Mack. “The Impact of Urban Form on Downtown Stadium Redevelopment Projects: A comparative analysis of Phoenix and Denver” *Journal of Urbanism*, Vol. 5(1): 1-22.
- 2011** **Buckman, S.** “Upper Middle-Class NIMBY in Phoenix: The community dynamics of the development process in the Arcadia neighborhood” *Journal of Community Practice*, Vol. 19(3): 308-325.
- 2008** Laurie, J. and **S. Buckman.** “Wifi as a Backend Economic Development Driver: The failure and lessons of municipal wireless in Post-Katrina New Orleans” *Economic Development Journal*, Vol. 7(4): 12-19.
- 2000** Short, J.R., C. Brietbach, **S. Buckman,** and J. Essex. “From World Cities to Gateway Cities: Extending the boundaries of globalization theory.” *City*, Vol. 4(3): 317-340.

Book Chapters

- 2017** **Buckman, S.** and N. Rakhimova. “Resilience: An innovative approach to social, environmental, and economic urban uncertainty.” (Revised and Updated Chapter for Second Edition) In *Sustainability in the 21<sup>st</sup> Century: Pathways, Programs and Policies (Second Edition)*. Eds. B. Hagen and D. Pijawka, Kendall Hunt Publishing. Ps: 127-144.
- Kitson, J., **S. Buckman,** and D. Folch. “Beyond Rail: Amenity Driven High-Density Development for Polycentric Cities.” In *Urban Transformations*. Eds. N. Wise and J. Clark, Routledge. Ps: 79-96.
- 2015** **Buckman, S.,** and N. Rakhimova. “Resilience: An innovative approach to social, environmental, and economic urban uncertainty.” In *Sustainability in the 21<sup>st</sup> Century: Pathways, Programs and Policies*. Ed. D. Pijawka, Kendall Hunt Publishing. Ps: 95-110.

Book Reviews

- 2018** **Buckman, S.** Review of: “Resilient Cities: Overcoming Fossil Fuel Dependence, 2<sup>nd</sup> Edition” by Peter Newman, Timothy Beatley, and Heather Boyer *Journal of Transport Reviews* (DOI: [10.1080/01441647.2017.1407010](https://doi.org/10.1080/01441647.2017.1407010)).
- 2017** **Buckman, S.** Review of: “The Future of the Suburban City: Lessons from Sustaining Phoenix” By Grady Gammage Jr. *Journal of Planning Education and Research*. Vol.37(4): 496-498.
- Buckman, S.** Review of: “The Bridge and the City: A Universal Love Story.” By Daniel Biau. *Journal of Planning Education and Research*. Vol. 37(2): 246-247.

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## GRANTS AND AWARDS

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Grants Under Review

*Assessing and Strengthening the Resiliency of Caribbean Island Communities Through Sustainable Agriculture, Renewable Energy, and Water Resource Management: A case study of St. Croix, US Virgin Islands.*  
Funding organization: The Joy McCann Foundation. Amount requested: \$50,000. (Co-PI G. Phillipidis).

*CV Buckman, August 2018*

*A Synergistic Approach Towards a Resilient Smart and Connected Coastal Community Using Spatial Integrated Modeling and Analysis of Infrastructures*, Funding organization: NSF Smart and Connected Communities. Amount requested: \$1,100,000. (Co-PIs: M. Naeini, Y. Hu, T. Green, & C. Kwon).

*Awarded*

- 2018-2019** *UNI Nexus Grant*. “An Examination of the Favela Bairro Program: A study of three informal settlements in Rio de Janeiro Brazil.” Inter-University partnership with Dr. James Miyamoto and the Federal University of Rio de Janeiro Brazil. (\$9,000).
- 2017-2018** *New Researcher Grant*, “Local First as Community Economic Resiliency: Local First Arizona and Local First Grand Rapids”, University of South Florida: One year grant from May 2017 to April 2018. (\$10,000)
- 2016** *Faculty International Travel Grant*, University of South Florida. (\$1200).  
*Start Up Seed Grant*, University of South Florida School of Public Affairs (\$2500).
- 2006-2013** *University Graduate Fellowship*, The Graduate School, Arizona State University, Academic years: 2006-2007, 2007-2008 & spring 2013.
- 2008-20012** *University Teaching Assistant Scholarship*, School of Geographical Sciences and Planning Arizona State University: 2008-2009, 2009-2010, 2010-2011, & 2011-2012.
- 2004-2006** *Crescent City Doctorial Scholarship*, The Graduate School, University of New Orleans, Academic years: 2004-2005, 2005-2006.
- 1999-2001** *Syracuse University Teaching/Graduate Assistant Scholarship*, Department of Geography, 1999-2001.
- 2000** *Summer Research Grant*, The Graduate School, Syracuse University, 2000. (\$3000)

**REPORTS**

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- 2018** Lead Author: *An Economic Development Atlas of the City of Ft Myers Florida: Recommendations for future economic development pathways*. For the City of Ft. Myers, Florida
- 2017** Contributing Author: *Economic Development in Palmetto: Current conditions and future recommendations*. For the Palmetto CRA and City of Palmetto, Florida.  
Sole Author: *Rezoning Report to the Hillsborough County Commission to Rezone 342 Acres near the corner of Suncoast Highway and Lutz Lake Fern road from AR 1/5 to R-1*. For the North Dale Development Group.
- 2016** Contributing Author: *Restoring, Retrofitting and Recoupling Great Lakes Shorelands: Local Planning for Resilient Great Lakes Coastal Communities (Methods Manual)*. For the Michigan Association of Planners. <http://resilientgreatlakescoast.org/>
- 2014** Lead Author: *Innovations in New Communities Survey 2014: Report for Mablon Apgar. IV*. Principal research team on: *Placemaking: Innovations in New Communities*. For the Urban Land Institute and the Royal Institution of Chartered Surveyors. <http://uli.org/general-posts/report-proposes-new-initiatives/>
- 2006** Sole Author: *Creating Neighborhood Indicators*. For the Community Partnership Division: City of Glendale, AZ.
- 2005** Sole Author: *New Orleans Port Security in Conjunction with Increased Pedestrian Riverfront Activity & the MTSA: Report on the state of the Port of New Orleans riverfront security*. For the College of Urban and Public Affairs at the University of New Orleans.
- 2001** Contributing Author: *Evaluation of Program Effectiveness*. For Applesed Trust of Syracuse, NY.

- Contributing Author: *A Formative Evaluation of Client Retention*. For Parents Success Initiative of Syracuse, NY.
- 1996 Contributing Author: *An Economic Survey of the Hispanic Community in Thurston County*. For the Washington State Commission on Hispanic Affairs.

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### INVITED PRESENTATIONS

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- 2018 *Community Resiliency and Scenario Planning as a Blueprint for RISE*. 2018 RISE Convergence Workshop, Mayaguez, Puerto Rico, June.  
*What Tampa Can Learn from Placemaking Best Practices and the Importance of a Strong Downtown for Regional Economic Prosperity*. Tampa Hillsborough Economic Development Council: Annual Real Estate Forum, Tampa, FL, May.
- 2016 *Tracing the Shoreline in Great Lakes Communities*. Media's Mapping Impulse Symposium, Mainz, Germany, June.
- 2014 *COD as Place Based Development*, Lunch-Up Talk: University of Michigan, Taubman College of Architecture and Urban Planning, Ann Arbor, MI, February.
- 2013 *North America in a Brazilian Context*, Fundacao Santo Andre – Centro Universitario, Sao Paulo, Brazil, June.
- 2012 *Sustainable Transportation Planning: A comparison of Brazilian and U.S. cities*, Federal University of Mato Grosso do Sul, Campo Grande, Brazil, June.  
*Sustainable Tempe Arizona USA*, Fundacao Santo Andre – Centro Universitario, Sao Paulo, Brazil, May.
- 2011 *Canalscape: The Future of Canal Oriented Development in Phoenix*, History of the Canals and Future of Water in the Valley Symposium, Tempe AZ, November.  
*Creating a COD Neighborhood Scorecard*, Valley Forward Association, Phoenix AZ, May.

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### CONFERENCE PRESENTATIONS & PANELS

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- 2017 *The Use of Scenario Planning for Creating Resilient Lake Shore Communities*, Resilience 2017 Conference, Stockholm, Sweden, August.  
*The Space: West Tampa's Arts Driven Economic Development*. American Association of Geographers Annual Conference, Boston, MA, April.  
*The Future of Regional Development & Urban Planning*, (Panel Discussion), American Association of Geographers Annual Conference, Boston, MA, April.
- 2016 *Climate "Global Weirding" on the Michigan Great Lakes: A community survey*. American Association of Geographers Annual Conference, San Francisco CA, April.
- 2015 *Canals, Streets, and Modernism in a Desert City: A history of Phoenix canals and urban form*. Society for American City and Regional Planning History Annual Conference, Los Angeles CA, November, (with Devon McAslen).  
*An Antidote to Sprawl or Suburbia Reframed?: The perceptions of the US and UK New Communities developers*, Association of Collegiate Schools of Planning Annual Conference, Houston TX, October.  
*Beyond Rail and Ritalin: Amenity Driven High-Density Development (ADHD) for the 21<sup>st</sup> Century Polycentric City*, American Association of Geographers Annual Conference, Chicago IL, April.
- 2014 *Ludington Michigan as a Case Study in Scenario Planning for Community Resiliency*, Association of Pacific Coast Geographers Annual Conference, Tucson AZ, September.

*CV Buckman, August 2018*

- 2013**      *Canal Oriented Development as a Successful Place*, Association of Pacific Coast Geographers Annual Conference, Lake Tahoe CA, September.
- 2012**      *Feasibility of Canal Oriented Development in the Arid Southwest*, Association of Pacific Coast Geographers Annual Conference, Olympia WA, October.  
*Canal Oriented Development: The Perspectives of Key Players*, American Association of Geographers Annual Conference, New York NY, February.
- 2011**      *Canalscape: Canal Oriented Development in the Desert*, American Association of Geographers Annual Conference, Seattle WA, April.  
*Canal Oriented Development as a Development Mechanism in the Polycentric City*, Phoenix Urban Research Lab, PURL JAM Conference, Phoenix AZ, October.
- 2009**      *Neighborhood Activism in the Face of Development*, Association of Pacific Coast Geographers Annual Conference, San Diego CA, October.
- 2000**      *Commodified Space: The Carousel Center and the American Shopping Mall*, East Coast Geography Graduate Student Conference, Syracuse NY, November.

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### CLASSES TAUGHT

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#### **Clemson University**

MBA 8360: Principles of Real Estate and Valuation

MRED 8170: Mixed Use Seminar (co-taught)

#### **University of South Florida**

URP 4050: City and Community Development (On Line)

URP 6549: Urban and Metropolitan Economic Development

URP 6930: Urban Resiliency in the 21<sup>st</sup> Century City

URP 6930: Community Real Estate Development

URP 6930: Planning in Conservative Communities (seminar)

#### **Arizona State University**

GCU 102: Introduction to Human Geography (On Line)

GCU 121: World Geography (In Seat & On Line)

GCU 359: Cities of the World

GCU 361: Urban Geography

PUP 301: Intro to Urban Planning, (On Line)

PUP 494: Summer Urban Planning Program in Brazil (co-taught 2012, 2013)

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### PROFESISONAL PRACTITIONER EXPERIENCE

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- 1/09-5/11**      Commercial Real Estate Broker (Investment), *Sun Commercial*, Phoenix, AZ.
- 5/07-1/09**      Commercial Real Estate Broker (Retail), *Pruven Real Estate Group*, Glendale, AZ
- 5/06-4/07**      Project Coordinator, *Trammell Crow Development & Investment Group*, Phoenix, AZ.
- 10/05-5/06**      Management Assistant, *Community Revitalization Dept, City of Glendale*, Glendale, AZ.
- 10/04-6/07**      Research & Evaluation Grant Analyst, *Baptist Community Ministries*, New Orleans, LA.

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### COMMUNITY & ACADEMIC SERVICE

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- 2017-2018** *Standing Computer/Technology Committee*, College of Arts and Sciences, University of South Florida.  
*Community Real Estate Development (CRED) Steering Committee*, Florida Institute of Governments, University of South Florida.
- 2017** *Bloomberg Next City Mayor's Challenge*, City of Ft Myers FL, Proposal Committee
- 2015-2018** *Internal Review Board*, School of Public Affairs, University of South Florida.  
*PAB Accreditation Committee*, School of Public Affairs, Department of Urban Planning, University of South Florida.
- 2010-2014** *Arizona Forward Association: Canalscape Committee. Land Use and Open Space Committee.*  
Vice Chair of Arizona Forward's Canalscape Committee, where we examined the possibility of creating Canal Oriented Development in Phoenix. The Arizona Forward Association brings business and civic leaders together to convene thoughtful public dialogue on regional issues and to promote cooperative efforts to improve the environment and livability of Phoenix area communities.
- 2009-2010** *CanalScape Workshop*: In conjunction with multiple actors including students from ASU and University of Colorado at Denver's Design School, community members and professionals, formulated a plan to reorient Phoenix's canals to be hubs of economic, urban, community and recreational activity.
- 2001** *Community Design Center*: Worked with nine architecture students & the community on the revitalization of Columbus Circle in downtown Syracuse, NY.

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### EDITORIAL POSITIONS

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- 2018** *Journal of Urban Science*: Co-Editor of Special Edition entitled "Urban Disasters and Reconstruction" (Co-Editor D. Pijawka).
- 2001-2002** Editorial Board Member, *Maxwell Review*
- 2001** Assistant Editor, *Maxwell Perspective*

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### PROFESSIONAL ORGANIZATIONS

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Association of American Geographers                      American Planning Association  
Congress of New Urbanism                                      Arizona Forward Association  
Association of Collegiate Schools of Planning              Urban Land Institute

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### LICENSES & FURTHER TRAINING

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Online Instructor Certification, University of South Florida, May 2017  
*Journal of Planning Education and Research Writing Workshop for New Scholars*. Rutgers University, June 20-22, 2016.  
Certificate in Commercial Real Estate  
LEED Associate

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## STUDENT COMMITTEES

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### Doctorial

Jeff Burton: USF School of Geosciences, *Impact of CRAs on Florida Development*, (Co-Director)

Kevin Martyn: USF School of Geosciences, *Incinerating Cheap Nature?* (Committee Member)

Bryan Winter: USF School of Geosciences, *Reappropriating Space in Nanching China: A Study of Informal Street Vendors*, Defended May 2017 (Oral Defense Chairperson).

### Masters

Jared Austin: USF School of Geosciences, *Policing the Riverfront: Urban Revanchism as Sustainability*, Defended March 2017 (Committee Member)

Amy Hyler: USF School of Geosciences, Comps Defense April 2017 (Committee Member)

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## REFERENCES

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Dr. Emily Talen  
Professor of Urbanism  
University of Chicago  
Division of Social Sciences  
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Chicago, IL 60637 USA  
Phone: 480.965.2055  
Email: [talen@uchicago.edu](mailto:talen@uchicago.edu)

Dr. Martin Bosman  
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University of South Florida  
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Dr. David Pijawka  
Professor of Urban Planning  
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Dr. David Jacobson  
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