

CAITLIN SLOAT DYCKMAN

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY **Ph.D.**, December 2005
Department of City & Regional Planning
Local Government Roles in Water Conservation
Committee: Elizabeth Deakin (chair), W. Michael Hanemann, Nezar AlSayyad, and Harrison Dunning

UNIVERSITY OF CALIFORNIA, DAVIS **J.D.**, May 2001
King Hall School of Law

UNIVERSITY OF CALIFORNIA, BERKELEY **M.C.P.**, May 2001
Department of City & Regional Planning
Humboldt County Land Group: A Case Study in Land Conservation
Committee: Elizabeth Deakin (chair), Sally Fairfax, and Timothy Duane

UNIVERSITY OF CALIFORNIA, LOS ANGELES **B.A., Cum Laude**, College & Departmental Honors, June 1997
Department of English

RESEARCH INTERESTS

Environmental planning, institutional and policy analysis, coastal resilience, natural resource management and law, with an emphasis on the land-water nexus.

ACADEMIC & PROFESSIONAL EXPERIENCE

Associate Professor August 2012 – present

Assistant Professor August 2006 – May 2012

CLEMSON UNIVERSITY, Department of Planning, Development, and Preservation

Developed and taught courses related to environmental planning, planning law, coastal planning and hazard mitigation, and water resources policy and law (one of the few in the country), as well as project-based studios with outside clients. Wrote several large grants (e.g. NOAA, NSF, and foundations) to fund research on local level coastal management and a pilot project on conservation easements' effects on urban growth and affordable housing. Collaborated on articles and research both within and outside of the university.

Research Associate August 2006 - present

SOUTH CAROLINA WATER RESOURCES CENTER in the Strom Thurmond Institute of Government & Public Affairs at Clemson University, Dr. Jeffery Allen

Research proposals and projects involving coastal climate change, residential water demand and water supply planning, growth modeling and river compacting on the Savannah River.

S.V. Ciriacy-Wantrup Postdoctoral Researcher December 2005 – August 2006
UNIVERSITY OF CALIFORNIA, BERKELEY, Dr. W. Michael Hanemann

Comparative and contingent valuation analysis of the South African Reserve principle and its implications for municipal and environmental water rights priority in California and the U.S.

Graduate Student Researcher January 2003-December 2004

UNIVERSITY OF CALIFORNIA, BERKELEY, Dr. W. Michael Hanemann

Data assembly and regression analysis of household-level residential water consumption as part of a state wide spatial growth model for the California Climate Change Center.

Research Associate March 2002-December 2002

PUBLIC POLICY INSTITUTE OF CALIFORNIA, Dr. Ellen Hanak

Legal research, stakeholder interviews, and preparation of elements of a report on water transfer and county groundwater export ordinances in California.

Graduate Student Researcher February 2002-July 2002

UNIVERSITY OF CALIFORNIA, BERKELEY, Prof. G. Mathias Kondolf

Legal research on the federal standard for cumulative effects and evaluation of the final Environmental Assessments and the Programmatic Environmental Impact Report for CVP contract renewals.

Graduate Student Researcher October 2001-June 2002

UNIVERSITY OF CALIFORNIA, BERKELEY, Prof. Elizabeth Deakin

Research on the current status of California water supply, the nature of and the tradeoffs between users, the current and projected end uses, and the geographical variation in California water issues.

Legal Intern August 2001-January 2002

LEAGUE OF CALIFORNIA CITIES, INSTITUTE OF LOCAL SELF GOVERNMENT

Research, stakeholder and expert interviews, and preparation of elements of the *Farmland Conservation Guide for Local Officials*.

Law Clerk Summer 2000

MEYERS, NAVE, RIBACK, SILVER & WILSON

Legal research and preparation of memorandums and purchase & sale agreements for California cities and city councils. Collaboration with outside counsel on preemption issue for a proposed ordinance in a general law city.

Planning Intern Summer 1999, Spring 2000

DYKSTRA & ASSOCIATES

Blight analysis, assembly of redevelopment plans, and preparation of redevelopment project feasibility studies in California communities.

Intern Fall 1998-Spring 1999

CITY OF BERKELEY, OFFICE OF ECONOMIC DEVELOPMENT

Implementation of San Pablo Ave. Façade Grant Program, and preparation of South Shattuck Ave. redevelopment feasibility study.

Law Clerk Summer 1998

U.S. ATTORNEY'S OFFICE, CIVIL DIVISION

Legal research and preparation of arguments on forfeiture suits against casino machines of non-compacting Native American tribes.

REFEREED JOURNAL ARTICLES

- Dyckman, Caitlin & Kurt Paulsen. 2012. "Not in My Watershed! Will Increased Federal Supervision Really Bring Better Coordination Between Land Use and Water Planning?" *Journal of Planning Education and Research* 32(1), 91-106.
- Dyckman, Caitlin. 2011. "Another 'Case of the Century?': Comparing the Legacy and Potential Implications of *Arizona v. California* in the *South Carolina v. North Carolina* Proceedings." *Natural Resources Journal* 51(2), 189-232.
- Hanemann, Michael & Caitlin Dyckman. 2009. "The San Francisco Bay-Delta: A Failure of Decision-Making Capacity." *Environmental Science & Policy* 12(6), 710-725.
- Dyckman, Caitlin. 2008. "The Covenant Conundrum in Urban Water Conservation." *The Urban Lawyer* 40(1), 17-50.
- Dyckman, Caitlin. 2005. "A Dynastic Disruption: The Use Efficiency and Conservation Legacy of the Governor's Commission to Review California Water Rights Law Recommendations." *McGeorge Law Review* 36(1), 175-208.
- Hanak, Ellen & Caitlin Dyckman. 2003. "Counties Wrestling Control: Local Responses to California's Statewide Water Market." *University of Denver Water Law Review* 6(2), 490-518.
- Dyckman, Caitlin. 2001. "The Marginalized American City: Spatial and Social Realities Reflected in Cinematic Medium." *Built Environment* 26(4), 316-330.

REFEREED CONFERENCE PUBLICATIONS

- Caitlin Dyckman, Clemson University. Presented "South Carolina v. North Carolina: Going with the Flow."
South Carolina Water Resources Conference, Columbia, SC, October 2010.
- Caitlin Dyckman, Clemson University. Presented "Another 'Case of the Century?': Comparing the Legacy and Potential Implications of *Arizona v. California* in the *South Carolina v. North Carolina* Proceedings."
South Carolina Water Resources Conference, Charleston, SC, October 2008.

BOOK REVIEWS

- Dyckman, Caitlin. 2007. Review of Robert France's "INTRODUCTION TO WATERSHED DEVELOPMENT: Understanding and Managing the Impacts of Sprawl." *Landscape Journal* 26(2), 319 - 321.

PROFESSIONAL PLANNING CONSULTANT REPORTS

- London, J.B., C.S. Dyckman, J.S. Allen, C.C. St. John, I.L. Wood & S.R. Jackson. 2009. *An Assessment of Shoreline Management Options along the South Carolina Coast*, Report to SC Office of Ocean and Coastal Resource Management.
- Dyckman, Caitlin, Jeffery Allen, Laila Johnson & Steve Springs. 2012. *A Water Supply Plan for Pickens County, South Carolina*. Report to the Pickens County Water Authority.

OTHER WORKS IN PROGRESS

Dyckman, Caitlin, Courtney St. John, James London & Jeffery Allen. 2013? “Innovations in State-Level Coastal Management Planning.” **Revise and Resubmit Manuscript**, anticipated resubmission to the *Journal of the American Planning Association* in July 2013.

Dyckman, Caitlin. 2013? “Proverbially Tapped: A Primer for Planners on Water Management Decisions.” **Manuscript**, anticipated submission to the *Journal of the American Planning Association* in July 2013.

Dyckman, Caitlin. 2013? “The South African Reserve Principle’s Potential Application in California Water Systems.” **Manuscript**, anticipated submission to *River Research and Applications* in August 2013.

Dyckman, Caitlin, Courtney St. John & James London. 2013? “Factors Affecting State-Level Coastal Management Programs’ Incorporation of Accelerated Sea Level Rise.” **Manuscript**, anticipated submission to *Environmental Research Letters* in July 2013.

Dyckman, Caitlin, Courtney St. John & James London. 2013? “A Comparative Assessment of Emerging U.S. Coastal Policy & Planning Strategies.” **Manuscript**, anticipated submission to *Coastal Management* in July 2013.

Dyckman, Caitlin & Ida Leigh Wood. 2013? “Eroding State Mandate Effectiveness in the Land of *Lucas*.” **Submitted Manuscript** to *Coastal Management* in March 2013.

Dyckman, Caitlin & W. Michael Hanemann. 2013?. “Dividing the Delta: Paper Law versus Political Reality.” **Manuscript**, anticipated submission to *Environment and Planning C* in August 2013.

Dyckman, Caitlin. 2013? “Comparative Analysis of State Level Comprehensive Water Planning and Demand Management Legislation.” **Manuscript**, anticipated submission to environmental law journals in July 2013.

Dyckman, Caitlin. 2013? “Environmental Flow Protections: A Comparison of South Africa’s Reserve with the U.S. Savannah Process.” **Manuscript**, anticipated submission to *River Research and Applications* in September 2013.

Dyckman, Caitlin. 2013? Review of Andrew Karvonen’s “Politics of Urban Runoff.” *Journal of Planning Education and Research*.

GRANTS & HONORS

- Principal Investigator, NSF pilot grant for “The Geography of Exurban Conservation Easements,” 2011 - 2013
- Principal Investigator, Pickens County Water Authority grant for “Pickens County Water Supply Plan,” 2009 - 2012
- Co-Principal Investigator, South Carolina Office of Ocean and Coastal Resource Management grant for “An Assessment of Shoreline Change Options in South Carolina,” 2007 - 2009
- S.V. Ciriacy-Wantrup Postdoctoral Fellowship Recipient, 2005-2006
- Presidential Management Fellowship Finalist, 2005

- Departmental Block Grant Recipient, 2004-2005
- King Hall Pro-Bono Certificate, 2001

INVITED WORKSHOPS & PRESENTATIONS

“Human impacts of water infrastructure on watershed ecosystems and the sustainability of irrigated agriculture in the coterminous U.S.” **Invited participant in a National Center for Ecological Analysis and Synthesis working group with John Sabo, Laura Bowling, and Gerrit Schoups (co-PIs)**, intended to assemble a research team that will sketch the water futures of the US Sunbelt in the context of growing urban areas (and population), food security through irrigated agriculture, aging water system infrastructure and climate change. Santa Barbara, CA, April 9 – 11, 2013.

“Understanding Residential Water Use: New Approaches to Analyzing, Projecting and Managing Demand.” **Invited participant in a workshop sponsored by the Decision Center for a Desert City and the Arizona State University Center for Environmental Economics and Sustainability Policy**, intended to encourage dialogue between water providers and academics studying water demand about new research on water demand. Tempe, AZ, May 11, 2012.

Caitlin Dyckman, Courtney St. John, James London & Jeffery Allen, Clemson University. Presented “A Comparative Assessment of Emerging U.S. Coastal Policy & Planning Strategies.” **Invited presentation for University of Florida’s Department of Urban and Regional Planning**, Gainesville, FL, February 19, 2010.

CONFERENCE PAPERS

Caitlin Dyckman. Accepted abstract entitled “Comparative Analysis of State Level Comprehensive Water Planning and Demand Management Legislation.” **Association of Collegiate Schools of Planning & Association of European Schools of Planning Joint Congress**, Dublin, Ireland, July 2013.

Caitlin Dyckman & Mickey Lauria. Accepted abstract entitled “Neighborhood Effects of Conservation Easements.” **Association of Collegiate Schools of Planning & Association of European Schools of Planning Joint Congress**, Dublin, Ireland, July 2013.

Caitlin Dyckman, Ida Leigh Wood, James London & Jeffery Allen, Clemson University. Presented “Changes Along the Shoreline in South Carolina Since the Beachfront Management Act.” **Association of Collegiate Schools of Planning Conference**, Salt Lake City, UT, October 2011.

Caitlin Dyckman, Ryan Perkl & Mickey Lauria, Clemson University. Presented “Regional Variation in Conservation Easement Location.” **Association of Collegiate Schools of Planning Conference**, Salt Lake City, UT, October 2011.

Caitlin Dyckman, Courtney St. John, James London, & Jeffery Allen, Clemson University. Presented “Factors Affecting State-Level Coastal Management Programs’ Incorporation of Climate Change Effects” in a pre-organized session by Caitlin Dyckman entitled “Defend or Retreat: Resiliency Planning Amidst Uncertainty about Accelerated Sea Level Rise.” Other participants included Philip Berke, Ward Lyles, Robert Deyle, Tim Chapin, and Samuel Brody. **Association of Collegiate Schools of Planning Conference**, Minneapolis, MN, October 2010.

Caitlin Dyckman & Michael Hanemann, Clemson University & U.C. Berkeley. Presented “Dividing the Delta: Paper Law versus Political Reality.”
North American Meeting of the International Association for the Study of the Commons, Tempe, AZ, October 2010.

Caitlin Dyckman, Courtney St. John, James London, & Jeffery Allen, Clemson University. Presented “Innovations in State-Level Coastal Management Planning.”
Association of Collegiate Schools of Planning Conference, Crystal City, VA, October 2009.

Caitlin Dyckman, Jeffery Allen & David Hargett, Clemson University. Presented “South Carolina’s S. 428: Caught in an Eddy.”
South Eastern Environmental Flows Conference, Athens, GA, October 2008.

Caitlin Dyckman, James London, Jeffery Allen & Courtney St. John, Clemson University. Presented “A Comparative Assessment of Emerging U.S. Coastal Policy & Planning Strategies.”
Fourth Joint Congress, Association of Collegiate Schools of Planning-Association of European Schools of Planning Conference, Chicago, IL, July 2008.

Caitlin Dyckman, Clemson University. Presented “The South African Reserve Process on the Upper Savannah River: A New Paradigm for Water Management?”
Association of Collegiate Schools of Planning Conference, Milwaukee, WI, October 2007.

Caitlin Dyckman, Clemson University. Invited panel presentation on “A Rational Disconnect and a Role for Planners: California Residential Landscape Aesthetic and (Lack of) Water Conservation.”
American Association of Geographers Conference, San Francisco, CA, April 2007.

Caitlin Dyckman, Clemson University. Presented “The South African Reserve Principle’s Potential Application in California Water Systems.”
Association of Collegiate Schools of Planning Conference, Ft. Worth, TX, November 2006.

Caitlin Dyckman & Elizabeth Deakin, University of California, Berkeley. Presented “Residents’ Water Conservation Preference and Behavior: A Role for Planners?”
Association of Collegiate Schools of Planning Conference, Kansas City, MO, October 2005.

Caitlin Dyckman, University of California, Berkeley. Presented on the Efficiency Panel for a retrospective on water rights law in California.
McGeorge Law Review’s Symposium on the 25th Anniversary of the Report of the Governor’s Commission to Review California Water Rights Law, Sacramento, CA, November 2004.

Ellen Hanak & Caitlin Dyckman, Public Policy Institute of California & University of California, Berkeley. Co-presented “External Threat or Opportunity? Water Marketing and Groundwater Management in Rural California.”
North American meeting of the Regional Science Association International, Philadelphia, PA, November 2003.

POSTER PRESENTATION

J. Adam Beeco & Caitlin Dyckman, Clemson University. “Changing Directions of River-based Recreation Access Law and Policy.”

River Management Society/National Association of Recreation Resource Planners Symposium, Portland, OR, May 2010.

TEACHING EXPERIENCE & ADVISING

- Courses designed and taught:
 - CRP 801: Planning Law and Process in Fall 2007, Fall 2008, Fall 2010, Fall 2011, Fall 2012
 - CRP 807: Studio in Fall 2006 (The Hard Scramble Studio), Fall 2009 (Pickens County Water Authority Water Supply Plan Baseline Studio)
 - CRP 841: Introduction to Environmental Planning in Fall 2007, Spring 2008, Spring 2009, Spring 2010, Spring 2011, Spring 2012, Spring 2013
 - CRP 845/POST 845 (formerly POST 899): Water Resources Policy and Law in Fall 2007, Fall 2008, Fall 2009, Fall 2010, Fall 2011, Fall 2012
 - CRP 858: Research Design team-taught in Fall 2009, Fall 2010, Fall 2011, Fall 2012
 - CRP 889: Coastal Resilience, Climate Change and Hazard Mitigation, Spring 2012, Spring 2013
 - CRP/POST 890: Directed studies on qualitative methods; coastal management and hazard mitigation; planning theory; and legal implications of form-based codes in Spring 2008, Spring 2010, Spring 2011, Fall 2012
- Terminal Project/Master’s Thesis Committees in the Planning & Landscape Architecture Programs + Applied Economics, Civil Engineering and Forest Resources Departments: Monica Carney Holmes, Wayne Leftwich, Mary Hays Huguley, Maggie Gulick, Courtney St. John (chair)ⁱ, Bridget Gilles, Brian Graham, Adrea Hughes, Caroline Jacobs, Ida Leigh Wood (chair)ⁱⁱ, John Barnwell (chair), Jennifer Johnson (chair), Mary Kathy Johnson (chair)ⁱⁱⁱ, Samantha Jackson (chair), Benjamin Fields (chair), Stephen Burr (chair), Alissa Ritzo, Jamey Lowdermilk^{iv}, Tamara Tavares, Alison Rowland (chair), Stephen Julka (chair), Kaylen Francis (chair), Jacquelyn Coats, Jared Draper, Nathan Woods, Natalia Valenzuela (chair), Felicia Boulware (chair), W. Ryan Hall (chair), Chris Pettit (chair), Corey Young, Anna Whitener, Adam Rose, W. Ryan Poole
- Dissertation Committees in Policy Studies: Kweku Ainuson^v, *Ensuring Adequate Water Supply to Disadvantaged Urban Communities in Ghana*; Anna Eskridge (chair)
- Dissertation Committees in the Planning, Design & Built Environment: Brooklyn Wynveen, Jorge Mata Otero

PROFESSIONAL SERVICE

- Co-Chair for the Environmental Track (2012 - 2014), **Association of Collegiate Schools of Planning**.
- Co-Chair for the Environment and Energy Track (2013), **AESOP-ACSP Joint Congress**.
- Conference Committee Member (2012 – 2014), **Association of Collegiate Schools of Planning**.
- Helped to revise the ACSP Faculty Women’s Interest Group’s “Yellow Book Guide to Academia” with Ann Forsyth, Lisa Schweitzer and Sandra Rosenbloom that was released in January 2011.

- Discussant for the Environmental Track in the **Association of Collegiate Schools of Planning Conference**, Salt Lake City, UT, October 2011.
- Discussant for the Environmental Track in the **Association of Collegiate Schools of Planning Conference**, Minneapolis, MN, October 2010.
- Discussant for the Environmental Track in the **Association of Collegiate Schools of Planning Conference**, Crystal City, VA, October 2009.
- Article Reviewer for:
 - Journal of Planning Education and Research
 - Land Use Policy
 - Environmental Management
 - Journal of Environmental Planning & Management
 - Oñati Socio-Legal Series
 - Town Planning Review
 - Journal of Urban Planning & Development
 - Journal of the American Planning Association
- Grant reviewer for:
 - NSF's Law and Social Sciences Program
 - Carolinas Integrated Sciences & Assessments Program
- Manuscript reviewer for:
 - Island Press

ⁱ 2008 NOAA Knauss Fellow, formerly employed as Climate Change Affairs Officer for the United States Navy's Task Force Climate Change, and now the Associate Director for Outreach at the Center for Research on Environmental Decisions at Columbia University.

ⁱⁱ 2009 NOAA Coastal Management Fellow and NOAA Knauss Finalist, now an environmental planner for Horry County, SC.

ⁱⁱⁱ 2010 NOAA Coastal Management Fellow, now a planner for Lancaster County, SC.

^{iv} 2010 Presidential Management Fellow.

^v Now an assistant professor at Mississippi State University.