

Peter W. Tittmann

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Education

B.A. Environmental Studies, University of California, Santa Cruz, 1999

Advanced study: University of California Education Abroad Program in Tropical Agroecology. Costa Rica, Spring 1998

Business Development Certificate, Graduate School of Management, University of California, Davis

Ph.D. Geography, University of California, Davis, *expected* May 2010

DISSERTATION Spatially explicit life cycle analysis of greenhouse gas emissions from forest-based bioenergy production.

Committee: Bruce Hartsough, Susan Ustin, Sonia Yeh, Bryan Jenkins, and Debbie Elliott-Fisk.

Teaching and Research Fields

Geography, Quantitative Geography, Geographic Information Sciences, Remote Sensing, Forest Engineering, Life-cycle analysis

Honors, Awards, & Fellowships

Dissertation fellowship, UC Davis Sustainable Transportation Research Center, 2009–2010

Chevron Corp. Renewable energy research grant, 2008–2009.

Graduate Research Fellowship, University of California Space Institute, 2008.

Business Integration Grant, Zell-Lurie Center for Entrepreneurship, University of Michigan, Ann Arbor 2008.

G. Chris Anderson Award, Cleantech Venture Challenge, Leeds School of Business, University of Colorado 2008.

Laura Perott-Mahan Graduate Fellowship, University of California, Davis 2007

Professional Experience

LocusCor Geographics, Berkeley, CA
Principal 2004–2005

California Coastal Commission, San Francisco, CA

Coastal Program Analyst Oil Spill Program 2000–2002

Coastal Program Analysis Critical Coastal Areas Program 2003–2004

Research

Selected Published Papers

A spatially explicit techno-economic model of bioenergy and biofuels production in California. in *Journal of Sustainable Forestry* (in press) with Nathan Parker, Quinn Hart, and Bryan Jenkins(2008).

A Framework for assessing the environmental performance of forestry in an era of carbon management. in *Journal of Sustainable Forestry* (in press) with Sonia Yeh(2009).

Development of an Optimized Biofuel Supply Curve for the Western United States. in *Biomass and Bioenergy* (in press) with Nathan Parker, Bryan Jenkins, Quinn Hart.

Sustainable use of California biomass resources can help meet state and national bioenergy targets. in *California Agriculture* v.63 n.4 2009 with Jenkins B, Williams R, Parker N, Tittmann P, Hart Q, Gildart M, Kaffka S, Hartsough B, Dempster P.

Sustainable biomass supply systems. in proceedings *American Institute of Chemical Engineers 2009 Spring National Meeting* with Jake Jacobsen, Erin Searcy, Dave Muth, Erin Wilkerson, Shahabaddine Sokhansanj, Nathan Parker, Quinn Hart, Bryan Jenkins, and Richard Nelson.

Technical Reports

National Biorefinery Siting Model, US Department of Energy, 2010 with N. Parker, Q. Hart, R. Nelson, K. Skog, A. Schmidt, E. Gray, M. Lay, B. Jenkins

Biomass Harvesting Equipment and Conversion Technology Review, California Biomass Collaborative, 2008 with P. Dempster, N. Gallo, B. Hartsough, and B. Jenkins

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http://www.locuscor.net/cv/PWT_cv.pdf