

# Peter W. Tittmann

## Education

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

Ph.D. Geography, University of California, Davis, 2011

## Honors, Awards, & Fellowships

Dissertation fellowship, UC Davis Sustainable Transportation Research Center, (2010)

Graduate Research Fellowship, University of California Space Institute, (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)

Jastro Shields Research Fellowship (2006, 2008)

## Current and recent funding

California Energy Commission, Forest based biofuels: Environmental and economic impacts.  
\$250,000 (2010)

Chevron Corp. Renewable Energy Research Grant  
\$150,000 (2008)

## Recent Publications

Tittmann, P. DISSERTATION "Aerial laser scanning: Applications for forest biomass management" 2011

Tittmann, P. and Shafii, S "Tree detection, delineation, and measurement from LiDAR point clouds using RANSAC" *Proceedings of Eleventh International Conference on LiDAR Applications for Assessing Forest Ecosystems*, (2011)

Tittmann, P. and Yeh, S., "A framework for assessing the environmental performance of forestry in an era of carbon management," in *Journal of Sustainable Forestry* (in press)

Tittmann, P., and Parker, N., Hart, Q., and Jenkins, B., "A spatially explicit techno-economic model of bioenergy and biofuels production in California," *Journal of Transport Geography*, (2011)

Parker, N., Tittmann, P., Hart, Q., and Jenkins, B., "Development of an Optimized Biofuel Supply Curve for the Western United States" *Biomass and Bioenergy* (2011)

- Jenkins, B., Williams, R., Parker, N., Tittmann, P., Hart, Q., Gildart, M., Kaffka, S., Hartsough, B., and Dempster, P. (2009) "Sustainable use of California biomass resources can help meet state and national bioenergy targets", *California Agriculture* v.63 n.4
- Jacobsen, J., Searcy, E., Muth, D. , Wilkerson, E., Sokhansanj, S., Jenkins, B., Tittmann, P., Hart, Q. , and Nelson, R., (2009) "Sustainable biomass supply systems" in proceedings *American Institute of Chemical Engineers 2009 Spring National Meeting*
- Skog, K., Rummer, R., Patton-Mallory, M., Nelson, R., Jenkins, B., Parker, N., Tittmann, P., Hart, Q., Gray, E., Schmidt, A., and Gordon, G., (2008) "Strategic assessment of biofuels potential for the western U.S." in proceedings: *McWilliams, Will; Moisen, Gretchen; Czaplewski, Ray, comps. Forest Inventory and Analysis (FIA) Symposium 2008; October 21-23, 2008; Park City, UT. Proc. RMRS-P-56CD. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 13 p.*

Last updated: March 30, 2012

[http://locuscor.net/professional/nsf\\_cv.pdf](http://locuscor.net/professional/nsf_cv.pdf)