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Research Areas

- Silviculture and management of *Acacia koa*
- Agroforestry in developing countries
- Tree-crop competition in agroforestry systems
- Impacts of invasive tree species on native forests in Hawai'i
- Economics of forest industry in Hawai'i
- Reforestation of former agriculture lands in Hawai'i
- Management of native forests for multiple uses
- Economics of tree farming

Selected Publications

- **Friday, J. B.**, P. G. Scowcroft, and A. Ares. 2008. Spread of invasive species after logging in a native Hawaiian forest. *Applied Vegetation Science* 11: 471-482. doi: 10.3170/2008-7-18538.
- **Friday, J. B.**, and J. Yanagida. 2007. Directions for Hawaii's forest industry for the next century. *Hawai'i Forest Journal*, Hawai'i Forest Institute, Hilo, HI.
- Scowcroft, P. G., **J. B. Friday**, T. Idol, N. Dudley, J. Haraguchi, and D. Meason. 2007. Growth response of *Acacia koa* trees to thinning, grass control, and phosphorus fertilization in a secondary stand in Hawai'i. *Forest Ecology and Management* 239: 69-80.
- Idol, T., P. G. Scowcroft, N. Dudley, P. Simmons, K. Dancil, and **J. B. Friday**. 2007. The value of managing *Acacia koa* forests. *Hawai'i Forest Journal*, Hawai'i Forest Institute, Hilo.
- **Friday, J. B.**, H. J. McArthur, and L. A. Watson. 2006. Using participatory rural appraisal and participatory research and extension in a post-independence environment: A case from East Timor. *International Journal of Agricultural Sustainability* 4(2): 108-118.
- Goldstein, J. H., G. C. Daily, **J. B. Friday**, P. A. Matson, R. L. Naylor, and P. Vitousek. 2006. Business strategies for conservation on private lands: Koa forestry as a case study. *Proceedings of the National Academy of Sciences* 103(26): 10140-10145.
- **Friday, J. B.**, J. F. Yanagida, P. Illukiptiya, R. J. Mamiit, and Q. A. Edwards. 2006. Characteristics of Hawai'i's Retail Forest Industry 2001. Economic Issues 8, College of Tropical Agriculture and Human Resources, University of Hawai'i, Honolulu, HI.
- **Friday, J. B.**, and D. Okano. 2006. *Calophyllum inophyllum* (kamani). Pp. 183-198 in: Elevitch, C. R., ed. Traditional Trees of Pacific Islands. Permanent Agriculture Resources, Hōlualoa, HI. URL: <http://www.traditionaltree.org>
- **Friday, J. B.**, and J. H. Fownes. 2002. Competition for light between hedgerows and maize in an alley cropping system. *Agroforestry Systems* 55 (2): 125-137.
- **Friday, J. B.**, and J. H. Fownes. 2001. A simulation model for hedgerow light interception and growth. *Agricultural and Forest Meteorology* 108: 29-43.