

Charles W. McKetta, PhD
Forest & Natural Resources Economist
SAF Certified Forester #3384; Private Forest Manager

Contact: Forest Econ Inc., P.O. Box 3555, Moscow, Idaho 83843 USA
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Educational & Professional Certification:

Universities: Botany at U. of Texas (1963-64); forest management (BS 1966) & remote sensing (MF 1969) @ U. of Michigan; tropical ecology @ Organización Estudios Tropicales, Costa Rica (1969); forest management economics U. of Washington (Ph.D. 1984). **Professional:** Xi Sigma Pi forestry honorary society. Inland Empire Society of American Foresters: chair 1996-97, SAF forester of the year 1999; SAF certified forester 2002; named SAF fellow 2004.

Professional Forest Economics Expertise:

Natural resources micro-economist with 40 years experience in behavioral research, natural resources management, optimization analyses & extension. CEO Forest Econ Inc. specializing in: integrated forest management modeling, environmental economics, market & intangible natural resource valuation, designer of forest asset valuation & timber investment analysis software, competitive & imperfect timber market analyses, timber chip and forest biomass supply, timber investments, strategic management, fire economics, forest taxation, cost analysis, forest practices, trade & transportation, impact analysis, regional development, & public forest policy analyses. International work in strategic forest resource policy, resource-based economic development and agro-forestry. Speaks & publishes in Spanish.

Academic Experience:

U of Idaho 1977-2002 forest economics professor emeritus; forest experiment station economist. Outstanding professor College of Natural Resources (twice), outstanding continuing education & service awards. Taught: Economics for Natural Resource Managers, Forest Project Evaluation, Integrated Forest Management Models, Advanced Forest Management (grad), Integrated Forest Resource Economics (grad). Continuing education in project optimization, joint output optimization & forest taxes. Visiting professor U. del Bio Bio, Chile 1985-86 & Pakistan Forest Institute 1991 & 1992.

Analytical & Extension Experience:

Projects with forest products industry, consultants, environmental groups and tribal resources. Extensive public agency experience with 4 state forestry departments, 2 state revenue departments, USDA-Forest Service, and USDI-Bureau of Land Management. Technical advisor to 2 state legislatures & 50+ other groups; technical journal reviewer. US Sec-Ag large fire cost team 2004 & 2005. Prolific public speaker at forestry and NIPF professional meetings. International work with USAID and development banks in Latin America (4 countries) & Asia (4 countries) including: Inter-American Development Bank Honduras Strategic Forest Planning 1991, USAID Philippine Strategic Forest Planning 1992, USAID Pakistan wood scarcity 1992, World Bank India forestry research team 1997 & 98, USAID Afghan forest recovery 2005.

Non-Industrial Forestry:

Owns & manages Nora Creek Forest, 420 acres in Latah, Co. Idaho since 1987. Tree Farm System certified, USDA stewardship forest. Active integrated management of all-age mixed native conifers for income, forest health, wildlife habitat quality & riparian restoration. Runs own forest practices, logging, timber sales, non-timber products and reforestation. Regular extension & professional forestry tours. Idaho tree farmer-of-the-year 2003. Inland West demonstration forest 2004. Troy, Idaho municipal forest watershed advisor. U Idaho silviculture private forestry training 2002-2011.

Other Experience:

US Forest Service Fire Lab remote sensing technician 1967, Coconino N.F. district fire control officer & recreation staff 1967-69; U.S. Marine Corps sergeant; logger; equipment operator; professional wood carver/cabinet maker; charter pilot/flight instructor; active bush pilot; certified Idaho foster parent.

Examples of Typical Reports, Publications, & Presentations:

- 2011 Cost evaluation of proposed NPDES forestry point-source permitting for National Alliance of Forest Owners; Forest sector outlook NIPF foresters workshop, Inland West wood sector concentration analysis, expert testimony in several family forest lawsuits. Timber market analyses for forest engineers. Bastrop fire damage assessment.
- 2010 SW Idaho timber economy for USFS EIS impact analysis; Forestry sector outlook NIPF foresters' workshop, imperfect timber market price effects Idaho Foresters' Forum; biomass economic effects template for Oregon Dept Forestry; Timber market outlook Kelowna Forests; market advice Adage N. Idaho biomass project
- 2009 Intermountain Logging Conf, Inland SAF annual meeting, W. Forest Economists technical session on BLM impact analysis. Solving the missing loggers problem for USFS impact analyses. BIA-Lincoln City Or: How tribal timber should optimize during market cycles
- 2008 U Idaho-Forest Products grad seminar: Timber market analytics (web at www.ecologyonline.net)
SAF Selkirk & Palouse chapters talks: Housing bust duration and its implications for forest managers
Quarterly Inland NW timber market projections for subscribers
Credibility of Future Inland NW timber supplies for Riley Creek/NW Management Inc.
With D. Green--BLM W. Oregon FEIS: Local economic impacts of new BLM timber harvest alternatives
UI & WSU forest extension: 15th consecutive annual timber market projections for NIPF foresters
- 2007 Forest Capital Partners LLC: Translating the housing bust into Northwestern log price projections
SISCO: Short and long-run market forecasts for Canadian silvicultural decisions
Idaho Forest Owners: Factoring fire risk into NIPF timber investment decisions
UI & WSU forest extension: 14th consecutive annual timber market projections for NIPF foresters
With D. Green--Assoc. of O&C Counties: Local economic effects of Craig-Wyden payments terminations
With D. Green--BLM W. Oregon DEIS: Local economic impacts of alternative timber harvest levels
- 2006 with D. Green--BLM W. Oregon DEIS: 18 county input/output models for timber policy economic impacts
Brookings Institute briefing on large fire cost methodology Wash DC
Forest Capital Partners LLC Inland West regional log market quarterly forecasts
USFS Fire & Aviation Management: Analyzing economic factors in high cost fire suppression
USFS R6: Salvage delay valuation loss modeling system for large fire appraisal
Post Katrina wood products markets outlook, Inland Logging Conference
Economics of fire for private forest managers, Inland Soc Amer Foresters annual meeting
- 2005 With Green & Robison--BLM: Birds of Prey DEIS economic analyses; ID Dept Lands: Tamarack land exchange valuation system, and Buttercup property development options.
Lessons from large fire cost analyses. West Forest Economists annual meeting
USAID/Kabul: Economic factors affecting Afghan Conservation Corps performance
With Ferraro et al--Large Cost Wildfires. Sec of Agriculture Review Panel report FY2004
Forest taxes affecting silvicultural investment. Soc Amer Foresters forest tax workshop
- 2004 Estimating economic effects of BLM grazing policy changes in Owyhee County Idaho
with S.T. McKetta--Forest management history of central Latah County, Idaho
USFS Fire & Aviation management: Cost-effectiveness analysis of retardant delivery systems
- 2003 With E.Camelio--TreeCents timber investment financial analysis programs see www.treecents.com
with Robison & Green --USFS SW Idaho eco-zone DEIS: timber & community economic impacts--6 reports
- 2002 with M. Konoshima--Jointly optimizing market and cultural values in tribal forestry. Nez Perce tribal forests.
Pitfalls in Forest Productivity Taxation. Lincoln Institute of Land Policy
- 2001 with E. Camelio--DL Poplar 3.0 intensive timber culture financial analysis program. Sold @ Forest Econ Inc.
South Idaho Timber Market & Forest Sector Evolution. Boise, Payette & Sawtooth National Forests
- 2000 with Rohweder & Riggs--Economic and Biological Compatibility of Timber and Wildlife Production. Wildlife Society Bulletin 28(2):435-447