

JOHN AUGUSTUS TANAKA
Professor Emeritus
Ecosystem Science and Management
University of Wyoming
2019

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Education

B.S.	Rangeland Resources	Oregon State University	1978
M.S.	Rangeland Resources	Oregon State University	1982
Ph.D.	Range Science	Utah State University	1986

Thesis: Evaluating the Relative Worth of Public Range Improvements to a Cow-Calf Ranching Operation Through Computer Simulation

Dissertation: Economic Optimum Overstory Reduction for Increasing Seasonal Forage Production

Areas of Specialization

Rangeland Economics and Management
Natural Resource Economics
Production Economics

Professional Experience

Feb. 2019 – Present	Emeritus Professor , Ecosystem Science and Management, University of Wyoming
May 2019 – Present	Researcher , Sustainable Rangelands Roundtable
June 2015-Feb. 2019	Associate Director , Wyoming Agricultural Experiment Station, University of Wyoming
July 2015-Sept 2018	Director , James C. Hageman Sustainable Agriculture Research and Extension Center, University of Wyoming
June 2015-March 2016	Director , Powell Research and Extension Center, University of Wyoming
July 2009-June 2015	Department Head and Professor , Department of Ecosystem Science and Management (formerly Renewable Resources), University of Wyoming.
Feb. 2010-May 2018	Science Advisor , Sustainable Rangelands Roundtable, December 2015-Present. Co-Director , Co-Director with William Fox, Texas A&M University since December 2012-December 2015.
Nov. 2007-Oct. 2008	Interim Executive Vice President , Society for Range Management, Wheat Ridge, Colorado. Chief administrative officer for the society responsible for all activities of the society. Sabbatical leave.

- July 2000-July 2009 **Research Scientist**, Eastern Oregon Agricultural Research Center, Union Station, Oregon State University. Appointment split – 70% research/30% extension. Conduct research and extension programs on economics of grazing management alternatives and public land policy, teach 2 courses/year at Eastern Oregon University.
- July 1991-June 2000 **Associate Professor** of Agricultural and Resource Economics, Oregon State University. Appointment split – 60% research/40% extension in rangeland economics since July 1996. Stationed off campus 1991-1995, teaching in agricultural and resource economics and assigned to the Blue Mountains Natural Resources Institute.
- Nov. 1993-Oct. 1995 **Acting Manager, Deputy Manager**, Blue Mountains Natural Resources Institute. Responsible for overall leadership and administration in research, development, application, demonstration, and education programs to address current issues in natural resources management in the Blue Mountains of Oregon and Washington. BMNRI is a partnership organization of federal, state, and local governments, industry groups, environmental advocacy groups, and private citizens and is administered by the USDA Forest Service Pacific Northwest Research Station. Supervise staff of eight to twelve. Co-Chaired the Ecosystem Management Council composed of 4 Ranger Districts, BMNRI, and stakeholders.
- August 1991-Oct. 1993 **Research Coordinator**, Blue Mountains Natural Resources Institute. Coordinating the development and planning of research, application, and demonstration programs to address current issues in natural resource management in the Blue Mountains of Oregon and Washington. Assigned by Oregon State University to the BMNRI. Full-time from 8/91 to 8/92, half-time from 8/92 to 10/93.
- Sept. 1985-June 1991 **Assistant Professor** of Agricultural and Resource Economics, Oregon State University. Teaching in agricultural and resource economics, research in rangeland economics. Stationed at Eastern Oregon State College, La Grande.
- Aug. 1982-Sept. 1985 **Graduate Research Assistant, Graduate Teaching Assistant, Instructor**, Department of Range Science, Utah State University.
- Sept. 1980-Aug. 1982 **Range Associate**, School of Renewable Natural Resources and Department of Agriculture Economics, University of Arizona. Arizona Range Research Task Force member with duties in extension and research. Assisted in development of coordinated management plans between rancher and agency, acted as a third party arbitrator in disputes, developed demonstration research projects on monitoring range improvements and grazing, participated at extension workshops.
- Jan. 1979-Oct. 1980 **Graduate Research Assistant**, Rangeland Resources Program, Oregon State University.
- June 1980-Aug. 1980 **Interviewer**, Department of Agricultural and Resource Economics, Oregon State University. Collecting data from ranchers concerning the economic impact of proposed BLM grazing reductions.
- March 1980-May 1980 **Land Management Planning Training Staff Assistant**, U.S. Forest Service, administered by the Eisenhower Consortium, Fort Collins, CO. Assist in training National Forest planning staffs in the implementation of the Forest and Rangeland Renewable Resources Planning Act, National Environmental Policy Act, and the Federal Land Policy and Management Act.

May 1977-Sept. 1977 **Range Technician**, Cascade Resource Area, Boise (Idaho) District, Bureau of Land Management. Range analysis of production, utilization, and trend; inventory of water developments.

External Grants and Contracts

<u>Title</u>	<u>Date</u>	<u>Program</u>	<u>Amount</u>
Funding for Sustainable Rangelands Roundtable for 2018	2018	USDA-FS	\$76,000
Estimating the Economic Value of U.S. Beef Cattle Ranching Based Ecosystem Services	2018	National Cattlemens Beef Association	\$103,000
Benefits from Prescribed Fire on Rangelands – Applying Usable Science to Increase Awareness	2017	USDA-NRCS	\$176,000
Assessing Rangeland Ecosystem Services Enhanced by Conservation Practice Implementation	2017	USDA-NRCS	\$137,000
Benefits from CRP Lands During and After Contract Period – Shifts in Rangeland Environmental Conditions and Values	2017	USDA-NRCS	\$149,000
Conservation Practices to Reduce Environmental and Economic Impacts of Invasive Species: An Economic Assessment	2017	USDA-NRCS	\$184,000
Continuation of Sustainable Rangelands Roundtable Project Work and Addition of New Tasks for 2017	2017	USDI-BLM	\$89,741
Continuation of Sustainable Rangelands Roundtable Project Work for 2017	2017	USDA-FS	\$76,000
Rangeland Science in Support of Practical Aspects of Soil Health for Producers – Correlations between Livestock Performance Indicators and Soil Health	2016	USDA-NRCS	\$120,000
Continuation of Sustainable Rangelands Roundtable Project Work and Addition of New Tasks for 2016	2016	USDI-BLM	\$65,000
Continuation of Sustainable Rangelands Roundtable Project Work for 2016	2016	USDA-FS	\$76,000
Phase II: Rangeland Soil Health Economic Modeling, Case Studies, and Soil Health Tour	2016	USDA-NRCS	\$140,000
Evaluating economic impacts of conservation practices for Greater sage-grouse on ranching operations in the context of rangeland sustainability	2016	USDA-NRCS	\$490,600
Dry Bean Research	2016	Wyoming Bean Comm.	\$2,500
Survey of Ranchers' Social and Economic Characteristics and Motivations for Participation in NRCS Conservation Programs	2015	USDA-NRCS	\$120,000

Rangeland Soil Health: Literature Review, Economic Modeling, and Case Studies	2015	USDA-NRCS	\$126,500
Sustainable Rangelands Roundtable: A Formal Briefing on Usable Science for Sustainable Rangelands and a Rangeland Soil Health Session	2015	USDI-BLM	\$135,000
Sustainable Rangelands Roundtable 2015	2015	USDA –FS	\$287,006
A Sustainable Rangeland Roundtable Expert Panel/Workshop on Wild Horses	2015	Wyoming Dept. or Agriculture	\$10,000
Discovering Our Nation’s Rangelands	2014	USDA-NIFA	\$200,000
Supplemental State-level Proposals for Public Land Ranchers Social and Economic Survey	2014	Wyoming Stock Growers Association	\$10,000
Usable Science Workshop	2014	USDA-NRCS	\$15,000
Usable Science Workshop	2014	USDA-NIFA	\$5,000
Usable Science Workshop	2014	USDA-ARS	\$5,000
Usable Science Workshop	2014	U.S. Geological Service	\$10,000
Enhanced Ecosystem Goods and Services Content for a Social and Economic Survey of Public Land Ranchers in the United States	2013	Cattlemen’s Beef Board	\$30,000
A Social and Economic Survey of Public Land Ranchers in the United States	2013	Public Lands Council	\$60,000
A Social and Economic Survey of Public Land Ranchers in the United States	2013	USDI – BLM	\$40,000
A Social and Economic Survey of Public Land Ranchers in the United States and Sustainable Rangelands Roundtable	2013	USDA – FS	\$100,000
Sustainable Rangelands Roundtable	2012	USDA – FS	\$80,000
Human Footprint of Wind Energy and Related Resources	2012	USDI – BLM Wyoming Office	\$60,000
Synthesizing rangeland sustainability research	2011-16	Rocky Mountain Research Station	\$50,000
Rangeland Health Assessment Program	2011	Wyoming Dept. of Agriculture	\$100,000
Energy Development and Wildlife Habitat Database Organization	2010	Wyoming Dept. of Game and Fish	\$20,000
Communicating Benefits of Regional and National Rangeland Assessments	2010	USDA – NRCS	\$30,000

Ranch Sustainability Assessment	2010	Utah State Univ Western SARE	\$85,000
Sustainable Rangelands Roundtable	2010-11	USDA – FS	\$160,000
Sustainable Rangelands Roundtable	2009-14	USDI – BLM	\$430,000
Rangeland Stewardship and Health Community of Practice	2008	eXtension	\$15,000
Rangeland Stewardship and Health Community of Practice	2008	USDA Cooperative State Research, Education, and Extension Service	\$85,000
Assessment of Social and Economic Capabilities – USDI Bureau of Land Management	2006	Cooperative Ecosystem Study Unit	\$134,400
A Regional Experiment to Evaluate Effects of Fire and Fire Surrogate Treatments in the Sagebrush Biome	2005	USDA/USDI Joint Fire Science Program	\$56,175 of \$12,900,000
Integrated Restoration Strategies Towards Weed Control on Western Rangelands	2002	USDA Initiative for Future Agriculture and Food Systems	\$118,333 of 456,276
Economic Impacts of National Fire Plan Projects in Wallowa, Union, and Grant Counties, Oregon	2002	USDA Forest Service	\$15,000
Economic Impacts of Noxious Weeds in the Blue Mountains Demonstration Area	2001	USDA PNW Research Station	\$20,000
Western Regional Evaluation of Social & Economic Impacts of Public Land Policy	1997	USDA Fund for Rural America	\$51,479 of 220,000
Management, Impact and Economics of Beef Cattle Grazing in Mountain Riparian Ecosystems	1997	USDA Sustainable Agr. Res. and Ext.	\$105,400
The Economic Impact of the Cattle Industry and Related Agriculture Infrastructure to Oregon’s Economy	1996	Oregon Beef Council	\$9,000
Sustaining Rangeland Ecosystems	1994	Governor's Watershed Enhancement Board	\$10,000
Economic Analysis of Proposed Rangeland Rules	1994	Oregon Division of State Lands	\$2,000
Expert Witness: RO Livestock v. U.S.	1994-04	U.S. Department of Justice	\$40,000
Blue Mountains Natural Resources Institute: Research, Development, Application, Education, and Demonstration	1993-96	USDA PNW Research Station	\$218,154

Formulation and Demonstration of Agroforestry Practices and their Relationship to Riparian Areas (Co-Principal Investigator and Administrator)	1993-96 USDA PNW Research Station	\$65,000
Economic Aspects of Natural Resources in the Blue Mountains: A Synthesis	1992-93 USDA PNW Research Station	\$ 6,250
Cattle Grazing Dispersion Methods and Riparian Ecosystems (Co-Principal Investigator) OSU and Univ. of Idaho	1995-96 U.S. Dept. of Agric./ U.S. Environmental Protection Agency ACE Program	\$42,070
Cattle Grazing Dispersion Methods and Riparian Ecosystems (Co-Principal Investigator) OSU and Univ. of Idaho	1995-97 U.S. Dept. of Agric. PNW Research Station	\$60,000
Formulation and Demonstration of Agroforestry Practices and their Relationship to Riparian Areas (For BMNRI, Total Project = \$115,000)	1992-96 Oregon Regional Strategies Program	\$42,500
Salvage Harvest and Stand Improvement Systems: Demonstration, Application, and Education (For BMNRI, Total Project = \$1,093,000)	1992-95 Oregon Regional Strategies Program	\$120,000
Expert Witness: Hage v. U.S.	1992-04 U.S. Department of Justice	\$50,000
Modeling the Understory Component of Forested Ecosystems	1988-94 USDA PNW Research Station	\$55,329
Rehabilitation of Juniper Woodlands: Fuelwood Harvesting and Site Modification (Co-Principal Investigator)	1987 USDA Cooperative States Research Service	\$79,755
Economic Impact of Whitetop (<i>Cardaria</i> spp.) on the Sagebrush Ecosystem of Eastern Oregon (Co-Principal Investigator)	1986 USDA Western Regional IPM Grants Program	\$47,200

Professional Association Membership and Offices Held

Society for Range Management - Life Member

International level

Interim Executive Vice President 2007-2008
 President 2006
 1st Vice-President 2005
 2nd Vice-president 2004
 Board of Directors 2001-2003
 Certified Professional in Rangeland Management 2000 to 2012
 Website Task Group 2002-2005; 2008-present
 Rangelands Steering Committee 2009-2014
 Special Editor, Rangelands, 2012
 Finance Committee 1997-2001, Chair, 1999-2000; 2009-2010
 Associate Editor, Journal of Range Management 1995-1998
 Employment Affairs Committee 1993-1996
 Advisory Council 1991-1993
 Undergraduate Range Management Examination, Chair, 1988-1991
 Student Affairs Committee 1987-1991
 Judge – Graduate Student Presentation Contest 1997-2004, 2013
 Judge – Graduate Student Poster Contest 2003

Section level (Wyoming)

Awards Committee 2012

Section level (Oregon, Washington, British Columbia)

Webmaster 1995-2009
 Newsletter Editor 1995-2000
 President 1992-1993
 First Vice-President 1991-1992
 Second Vice-President 1990-1991
 Student Affairs Committee Chair 1989-1990
 Advisory Council Chair 1987-1988

Chapter level

Blue Mountain Chapter President 1987-1988
 OSU Student Chapter President-Elect and President 1976, 1977

National Association of University Rangeland Programs – Wyoming representative

Chair 2011-13

Representative to the Association of Public and Land Grant Universities Board of Natural Resources 2013-15

National Association of University Forest Resource Programs – Wyoming representative

Western Education and Research Activities Committee 55, Rangeland Resource Economics and Policy

Chair 1992-94

Vice-Chair 1990-92

Secretary 1989-90

Western Regional Project W 192 – Rural Communities and Public Lands in the West: Impacts and Alternatives

Western Regional Project W 1192 – Economic, Social, and Ecological Issues of Rangeland Fragmentation that Affect Rangeland Sustainability and Rural Communities

Western Education/Extension and Research Activity Committee WERA 1008 – Rangelands West Partnership, Administrative Advisor (2011 to present)

Western Coordinating Committee WCC-1008 (Western Development Committee WDC 23) – Rangeland Education across Institutional Boundaries

Chair 2011-2012

Western Education/Extension and Research Activity Committee WERA 1018 – Social and Ecological Resilience of Working Rangelands
 Administrative Advisor (2015 to present)
 Policy Analysis Center for Western Public Lands, Science Advisory Board member
 John Day-Snake Resource Advisory Council. Appointed by the U.S. Secretary of the Interior to the Bureau of Land Management/U.S. Forest Service Federal Advisory Committee for northeastern Oregon and southeastern Washington public land management. 1995-2009. Chair 2002-2009.
 Chair, Standards and Guidelines Subcommittee.
 Chair, Blue Mountains Demonstration Area Subcommittee
 Chair, Noxious Weeds Subcommittee
 John Day River Wild and Scenic River Advisory Team, subgroup member appointed by the John Day-Snake Resource Advisory Council. 1998-2001.
 Hells Canyon National Recreation Area Advisory Subgroup, subgroup member and Chair appointed by the John Day-Snake Resource Advisory Council. 1998-99.
 Western Agricultural Economics Association – 1985-2008
 American Agricultural Economics Association – 1985-2008
 SS-AAEA, Judge for Outstanding Chapter Award (1996), Academic Quiz Bowl (1996-99), Outstanding Undergraduate Paper Presentations (1998)
 Sustainable Rangelands Roundtable – 2000-present
 Director – 2009-2016
 Science Coordinator – 2016-2019
 Researcher – 2019 - present
 Soil and Water Conservation Society – 2011-2019
 Soil Science Society of America – 2012-2016
 USDA Agricultural Research Service search committee for Research Ecologist Position in the Rangeland Resources Research Unit, 2013
 Western Association of Agricultural Experiment Station Directors, 2016-2019
 Goshen County (WY) Economic Development Corporation Board of Directors *ex officio* member, 2016-2017, member 2017-2019

Honors and Awards

Trailblazer Award, The Rangelands Partnership, 2019
 Honorary Membership Award, U.S. Agricultural Information Network, 2016
 Certificate of Appreciation, National Grazing Lands Coalition, 2015
 Meritorious Service Award, Grazing Land Conservation Initiative, 2012
 Certificate of Appreciation, USDA, 2011
 Fellow, Society for Range Management, 2010
 Distinguished Service, Society for Range Management, 2009
 Science Findings Award, USDA Forest Service, PNW Research Station, 1998.
 Exemplary Service Award, Pacific Northwest Section of the Society for Range Management, 1997.
 Who's Who in the American West, 1992, 1993, 1994, 1995 Marquis Edition.
 Who's Who in the World, 1996 Marquis 13th Edition.
 James and Mildred Oldfield Team Award, College of Agricultural Sciences, Oregon State University, 1991.
 USDA Certificate of Training, Land Management Planning, 1980
 Outstanding Achievement Award, Department of Rangeland Resources, Oregon State University, 1978.
 Graduate Fellow and President's Fellow, Utah State University, 1982-1983

Invited Presentations

1. "Soil Health: Economics and Ranch Sustainability." Soil Health Workshop. Wyoming Natural Resources Rendezvous. Joint meeting of the Wyoming Stockgrowers Association and the Wyoming Association of Conservation Districts. Casper, Wyoming, December 2017
2. "UW Research on rancher perceptions of EQIP and CSP and sage-grouse conservation economics." With Anna Collins, graduate student, and Nicolas Quintana, Post-doc. Wyoming Natural Resources Rendezvous. Joint meeting of the Wyoming Stockgrowers Association and the Wyoming Association of Conservation Districts. Casper, Wyoming, December 2017.
3. "James C. Hageman Sustainable Agriculture Research and Extension Center." Torrington Rotary Club, Torrington, Wyoming, April 2017.
4. "Wyoming Public Land Rancher Characteristics: How do They Compare?" Wyoming Stock Growers Association, Casper, Wyoming, December 2016.
5. "Comparing the 1998 and 2015 Public Land Rancher Survey Results." USDA Forest Service, Region 2 Leadership Team Meeting. Albuquerque, New Mexico, August 2016.
6. "Sustainable Ranching." Wyoming Stock Growers Association, Cody, Wyoming. June 2014.
7. "Food Security and Rangeland Sustainability: How do You Know?" Animal Science Senior Seminar, University of Wyoming. March 2013, March 2014.
8. "How to Review a Manuscript." RenUW and Program in Ecology graduate student organizations. University of Wyoming. March 2013.
9. "The Seminar Presentation." Academic Interview Workshop. Society for Range Management, Oklahoma City, OK. February 2013.
10. "The Offer: Negotiating Salary, Benefits, and Start-up Funds." Academic Interview Workshop. Society for Range Management, Oklahoma City, OK. February 2013.
11. "Rangeland Ecology Graduate Programs." Workshop. Society for Range Management, Spokane, WA. January 2012.
12. "Economic and Social Impacts of Desert Fires and Invasives." Wildfires and Invasive Plants in American Deserts. Society for Range Management, Reno, NV. December 2008.
13. "Why Think about Economics when Restoring the Sagebrush Steppe?" Restoring the West 2007 Conference: Sagebrush Steppe Restoration. Utah State University, Logan, UT, September 2007.
14. "Economic and Social Aspects of Cheatgrass Restoration." Idaho Section of the Society for Range Management Annual Meeting. Boise, ID. January 2007.
15. "The Society for Range Management and the Grazing Lands Conservation Initiative." 3rd National Conference on Grazing Lands. Grazing Lands Conservation Initiative Meeting. St. Louis, MO. December 2006.
16. "Social, Political, and Economic Factors and Implications to Rangelands and Their Management." Inaugural Session of Rangeland Management for Line Officers, USDA Forest Service. Milford, PA. April 20, 2006.

17. "Implications for Land Use Policy and Sustainability of Western Rangelands." In: Symposium: Western Ranching as a Way of Life: Implications for Land Use Policy and Sustainable Rangelands. Western Agricultural Economics Association Annual Meeting, Waikiki, HI. July 2, 2004.
18. "Collaboration on the John Day-Snake Resource Advisory Council." Panelist, The Importance of Collaboration. USDI Bureau of Land Management New Employees Training. May 2004.
19. "Sage Grouse Recovery: Estimating the Economic Impacts." Rimbey, N.R., L.A. Torell, J. Tanaka, T. Darden, L.W. Van Tassell, and A. Harp. New Mexico Section Annual SRM meeting, Albuquerque, NM. Jan. 21-23, 2003.
20. "Academic Employment." Panelist, Meet the Employers: Industry, Non-profits, State & Local Government, and Academics. 17th Annual Career Fair and Training Conference of the National Society for Minorities in Agriculture, Natural Resources, and Related Sciences. Portland, Oregon. April 2002.
21. "AUMS, Ranching, and Values." 2002 Farm Income Seminar, Oregon Department of Revenue. Pendleton, Oregon. April 2002.
22. "AUMs, Grazing, and Values." 2001 Farm Income Seminar, Oregon Department of Revenue. Pendleton, Oregon. April 2001.
23. "So You Want to Build a Web Page?" Society for Range Management. Kona, Hawaii. February 2001.
24. "Who are These Public Land Ranchers?" Pacific Northwest Section of the Society for Range Management, Lakeview, Oregon. October 2001.
25. "Who are These Public Land Ranchers?" New Mexico Section of the Society for Range Management, Albuquerque, New Mexico. January 2001.
26. "Lessons Learned from the Blue Mountains Natural Resources Institute." Governing Board, Policy Analysis Center for Western Public Lands. Albuquerque, New Mexico. January 2001.
27. "Economics of Offstream Water Developments to Manage Grazing in Riparian Areas." Bully Creek Watershed Council. Vale, Oregon. March 1999.
28. "Economics of Offstream Water Developments to Manage Grazing in Riparian Areas." Oregon Chapter of the American Fisheries Society Annual Meeting. Sunriver, Oregon. February 1999.
29. "Impacts of Grazing Policy on Ranching Practices and Ranch Income." West. Agr. Econ. Assoc. invited paper session "The Impacts of Federal Grazing Policy on Ranches and Communities." 1998 Amer. Agr. Econ. Assoc. Annual Meeting, Salt Lake City, Utah, August 1998.
30. "Using the Internet." Pacific Northwest Section Society for Range Management Annual Meeting. Spokane, Washington. October 1997.
31. "Can We REALLY Work Together." Riparian and Watershed Management in the Interior Northwest: An Interdisciplinary Perspective Symposium. La Grande, Oregon. September 1997.
32. "Rangelands: Economics and Issues." Guest lecture in AREc 551, Natural Resource Economics. Spring Quarter 1997.

33. "The Blue Mountains Natural Resources Institute: Issues from the Eastside." Seminar presented to the Oregon State University Department of Agricultural and Resource Economics. Corvallis, Oregon. May 1996.
34. "Federal Advisory Committee Act: Working for a Better Future." Roundtable sponsored by the Forest Trust. Washington, D.C. March 1995.
35. "Land Use Issue Forum: Working Together on Land Use Issues." Workshop sponsored by the National Rural Development Councils. Washington, D.C. March 1995.
36. "Experience with Seeking a Better Way." Resources and Rural Communities Forum: Seeking Better Ways to Handle Land Use Issues. Oregon Rural Development Council and Washington State Rural Development Council. Pendleton, Oregon. February 1995.
37. "The Blue Mountains Natural Resources Institute: Working Together for Economic, Social, and Ecological Balance." Seminar to the Columbia Basin Agricultural Research Center (Oregon State University and USDA Agricultural Research Service). Pendleton, Oregon. February 1995.
38. "The Blue Mountains Natural Resources Institute: Working Together for Economic, Social, and Ecological Balance." Seminar to the Oregon State University Department of Agricultural and Resource Economics. Corvallis, Oregon. February 1995.
39. "How Does Ecosystem Management Affect Me?" People and Ecosystems Forum. La Grande-Union County Chamber of Commerce and Blue Mountains Natural Resources Institute. La Grande, Oregon. February 1995.
40. "How Does Ecosystem Management Affect Me?" People and Ecosystems Forum. Elgin Community Center, Elgin Recorder, and Blue Mountains Natural Resources Institute. Elgin, Oregon. January 1995.
41. "Introduction and Welcome." Sustaining Rangeland Ecosystems Symposium. La Grande, Oregon. August 1994.
42. "Economic and Social Perspectives in Ecosystem Management." Managing Landscapes and Ecosystems Workshop. John Day, Oregon. June 1994.
43. "Research Activities of the Blue Mountains Natural Resources Institute." Testimony before the Oregon House Appropriations Committee A -- Lottery Subcommittee. May 1993.
44. "Forest Health, Science, and the Blue Mountains Natural Resources Institute." American Association of University Women, La Grande, Oregon. May 1993.
45. "Forest Health Issues in the Blue Mountains." La Grande-Union County Chamber of Commerce Leadership Seminar, La Grande, Oregon. December 1992.
46. "The Blue Mountains Natural Resources Institute." Panorama Chapter, Society of American Foresters, Colville, Washington, June 1992.
47. "Natural Resource Policy and Economics in a Fast Moving World, or Jumping in with Both Feet -- The Blue Mountains Natural Resources Institute." Seminar: Economics of Natural Resource Policy, Oregon State University (AREc 407A/507A), Corvallis, Oregon. February 18, 1992 over Oregon Ed-Net.
48. "Range Management and Grazing on National Forests: Policy and Analysis." 1989 International Seminar on Forest Administration and Management. Session held in Redmond, Oregon.

49. "Assessing Economics of Fee Hunting Decisions and Ranch Planning." Range Extension Agent Training, John Day, Oregon, July 1987.
50. "Economics of Range Revegetation." Perspectives and Processes in Revegetation Science, Symposium held at the 43rd Annual Meeting, Society for Range Management, Reno, Nevada, 1990. (Presenting author).
51. "Economic interactions/tradeoffs to consider when developing a recreation resource." Paper presented at Pacific Northwest Range Management Short Course, Pendleton, Oregon, January 1987.
52. "Increasing grass production by reducing overstory competition: an optimization procedure." Paper presented at Crested Wheatgrass: Its Values, Problems and Myths; Symposium, Logan, Utah, October 1983.

Participation in Professional Meetings

1. Moderator, Symposium, Available for your Foraging Pleasure: Open Access to Rangeland Knowledge Resources, a hands-on workshop. 65th Annual Meeting, Society for Range Management, Spokane, Washington. 2012.
2. Moderator, Sustainable Ranch Management through Business Planning and Rangeland Monitoring workshop. 64th Annual Meeting, Society for Range Management, Billings, Montana. 2011.
3. Moderator, Plenary Session, Wyoming Section of the Society for Range Management Annual Meeting, Laramie, WY. 2010.
4. Moderator, Symposium: Western Rangelands Partnership: Using the internet for information transfer. 62nd Annual Meeting, Society for Range Management, Albuquerque, New Mexico. 2009.
5. Moderator, Plenary Session, Wildfires and Invasive Plants in American Deserts. Society for Range Management Center for Professional Education and Development. Reno, Nevada, December 2008.
6. Moderator, Resource and Environmental Economics Session, Western Agricultural Economics Association Annual Meeting, Anchorage, Alaska, June 2006.
7. Moderator, Social Science Concurrent Session. Society for Range Management Annual Meeting, Boise, Idaho, February 2000.
8. Chair, Riparian and Watershed Management in the Interior Northwest: An Interdisciplinary Perspective Symposium. Jointly organized by the Pacific Northwest Section of the Society for Range Management, Oregon Chapter of The Wildlife Society, Oregon Chapter of the American Fisheries Society, Oregon Chapter of the Society of American Foresters, and the Blue Mountains Natural Resources Institute, La Grande, Oregon, September 1997.
9. Moderator, Use, Misuse and Meaning of Utilization and Stubble Height Measurements Symposium, Society for Range Management Annual Meeting, Rapid City, South Dakota, February 1997.
10. Local arrangements committee, Pacific Northwest Section of the Society for Range Management Annual Meeting, The Dalles, Oregon, October 1995.
11. Local arrangements, Western Regional Coordinating Committee 55 - Rangeland Economics, Annual Meeting, Clarkston, Washington, October 1994.
12. Co-Chair, Sustaining Rangeland Ecosystems Symposium, Jointly organized by the Pacific Northwest Section of the Society for Range Management, Oregon Chapter of The Wildlife Society, Oregon Chapter of the American Fisheries Society, and the Blue Mountains Natural Resources Institute, La Grande, Oregon, August 1994.
13. Moderator, Social and Economic Aspects and Closing Plenary Sessions, Sustaining Rangeland Ecosystems Symposium, La Grande, Oregon, August 1994.
14. Moderator, Grazing Fees on Public Lands Concurrent Session, Society for Range Management Annual Meeting, Colorado Springs, Colorado, February 1994.
15. Moderator, Rangeland Economics Concurrent Session, Society for Range Management Annual Meeting, Albuquerque, New Mexico, February 1993.
16. Program Chair and Local Arrangements Committee for the Pacific Northwest Section of the Society for Range Management, Salishan Lodge, Gleneden Beach, Oregon, 1992.

17. Moderator, Rangeland Social Science Concurrent Session. Society for Range Management Annual Meeting, Spokane, Washington, February 1992.
18. Co-Registrar and local arrangements committee for the Society for Range Management Annual Meeting, Spokane, Washington, February 1992.
19. Local Arrangements Committee Chairman for the Pacific Northwest Section of the Society for Range Management Summer Tour, La Grande, Oregon, 1991.
20. Local Arrangements Committee for the Pacific Northwest Section of the Society for Range Management, Salishan Lodge, Gleneden Beach, Oregon, 1989.
21. Chairman, Undergraduate Range Management Examination, Society for Range Management, 1987-1991.
22. Local arrangements committee, Arizona Section, Society for Range Management Annual Meeting, Tucson, Arizona 1981.
23. Local arrangements committee for Society for Range Management Annual Meeting, Portland, Oregon, 1977.

Publications

Refereed Journal Articles

1. Taylor, D.T., N.R. Rimbey, and J.A. Tanaka. 2019. Economic impact of sage grouse management on livestock grazing in the western United States. *Western Economic Forum* 17:98-113.
2. Quintana Ashwell, N., A.T. Maher, J.A. Tanaka, J.P. Ritten, K.A. Maczko, H. Dyer, H. Kirkpatrick, K. Roberts, and T. Hilken. 2019. Ranch economics of prescribed grazing on rangelands: the case of representative ranches in Northern Montana. *Western Economics Forum* 17:73-79.
3. Reeves, M.C., K.E. Bagne, and J.A. Tanaka. 2017. Potential climate change impacts on four biophysical indicators of cattle production from western US rangelands. *Rangeland Ecology and Management* 70:529-539.
4. McCollum, D. W., J. A. Tanaka, J. A. Morgan, J. E. Mitchell, W. E. Fox, K. A. Maczko, L. Hiding, C. S. Duke, and U. P. Kreuter. 2017. Climate change effects on rangelands and rangeland management: affirming the need for monitoring. *Ecosystem Health and Sustainability* 3(3):e01264, 1-13. DOI:10.1002/ehs2.1264.
5. Briske, D.D., B.T. Bestelmeyer, J.R. Brown, M.W. Brunson, T.L. Thurow, and J.A. Tanaka. 2016. Assessment of USDA-NRCS rangeland conservation programs: recommendation for an evidence-based conservation platform. *Ecological Applications* 27:94-104. doi:10.1002/eap.1414.
6. Hamilton, T.W., J.P. Ritten, C.T. Bastian, J.D. Derner, and J.A. Tanaka. 2016. Economic impacts of increasing seasonal precipitation variation on southeast Wyoming cow-calf enterprises. *Rangeland Ecology and Management* 69:465-473.
7. Rimbey, N.R., J.A. Tanaka, and L.A. Torell. 2015. Economic considerations of livestock grazing on public lands in the United States of America. *Animal Frontiers* 5:32-35.
8. Svejcar, T., C. Boyd, K. Davies, M. Madsen, J. Bates, R. Sheley, C. Marlow, D. Bohnert, M. Borman, R. Mata-Gonzalez, J. Buckhouse, T. Stringam, B. Perryman, S. Swanson, K. Tate, M. George, G. Ruyle, B. Roundy, C. Call, K. Jensen, K. Launchbaugh, A. Gearhart, L. Vermiere, J. Tanaka, J. Derner, G. Frasier, and K. Havstad. 2014. Western land managers will need all available tools for adapting to climate change, including grazing: a critique of Beschta et al. *Environmental Management* 53:1035-1038.

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78. Quigley, Thomas M. and John A. Tanaka. 1989. Economics of management strategies, p. 115-149. In: *Managing interior northwest rangelands: The Oregon Range Evaluation Project*. ed. T.M. Quigley, H.R. Sanderson, and A.R. Tiedemann. *Pac. Northwest Res. Sta. Gen. Tech. Rep. PNW-GTR-238*.
79. Tanaka, John A., L. Allen Torell, and John P. Workman. 1987. FEEDSTORIS: A micro-computer program for ranch planning. *Rangelands* 9:51-55.
80. Tanaka, John A. 1987. Economic interactions/tradeoffs to consider when developing a recreation resource, p. 72-82. In: Thomas E. Bedell, and Ray Rasker (compilers). *Proceedings of the 1987 Pacific Northwest Range Management Short Course: Developing Profitable Resource Based Recreation on Private Land, Pendleton, Oregon*. Oregon State University, Corvallis, Oregon.
81. Tanaka, John A. 1986. Increasing grass production by reducing overstory competition - An optimization procedure. In: Kendall L. Johnson (ed.), *Crested wheatgrass: Its values, problems and myths; symposium proceedings*. October 3-7, 1983. Utah State University, Logan.
82. Despain, Del W., Jimmy T. LaBaume, and John A. Tanaka. 1981. New Task Force Attacks Range Problems. *Progressive Agriculture in Arizona* 32:28-29.

Abstracts of Papers at Professional Meetings

1. Tanaka, J.A., and A.C. Collins. 2017. Survey on demographics, motivations, and experiences of producers participating in the environmental quality incentives program. 70th Annual Meeting, Society for Range Management, 29 January - 2 February, St. George, Utah.
2. Lind, B.N., J.A. Tanaka, and K. Maczko. 2017. Diversity of public lands ranchers based on social and economic characteristics. 70th Annual Meeting, Society for Range Management, 29 January - 2 February, St. George, Utah.

3. Ritten, J., T. Hamilton, C. Bastian, J. Derner, and J. Tanaka. 2016. Economic impacts of increased seasonal precipitation variation on cow/calf producers. 2016 International Rangeland Congress, Saskatoon, Saskatchewan, July 17-22.
4. Kreuter, U.P., W.E. Fox, J.A. Tanaka, K. Maczko. 2015. A integrative conceptual framework for evaluating impacts of developing energy resources on rangelands. 68th Annual Meeting, Society for Range Management, 1-6 February, Sacramento, California
5. Tanaka, J.A., N.R. Rimbey, and L.A. Torell. 2014. Ranch-level economic impacts of altering grazing policies on federal land to protect the greater sage-grouse. National Workshop on Large Landscape Conservation. Washington, DC. Abstract at <https://nwllc.confex.com/nwllc/2014/webprogram/Paper1660.html>.
6. Varelas, L.A., J.A. Tanaka, B. Rashford, and J. Ritten. 2014. Using the human footprint to measure ecological and socio-economic impacts of wind energy development National Workshop on Large Landscape Conservation. Washington, DC. Abstract at <https://nwllc.confex.com/nwllc/2014/webprogram/Paper1664.html>.
7. Maczko, K.A., L.A. Hidinger, C.R. Ellis, and J.A. Tanaka. 2014. Future directions of usable science for rangeland sustainability. Poster presented at the 99th Annual Meeting, Ecological Society of America, Sacramento, California.
8. Varelas, L.A., J.A. Tanaka, and B.S. Rashford. 2014. Using the human footprint to measure ecological and socio-economic impacts of wind energy development. Poster presented at the 66th Annual Meeting, Society for Range Management. Orlando, Florida.
9. Tanaka, J. 2013. SRR Economic and social assessment indicators. Paper presented at the 66th Annual Meeting, Society for Range Management. Oklahoma City, Oklahoma.
10. Tanaka, J. 2013. The business planning process and incorporation of monitoring information. Paper presented at the 66th Annual Meeting, Society for Range Management. Oklahoma City, Oklahoma.
11. Maczko, K., J. Tanaka, J. Ritten, J.A. Morgan, N. Chhetri, L.A. Hidinger, M.C. Reeves, and J.E. Mitchell. 2012. Sustainable rangelands: assessing contributions to food security and ecosystem services. Poster presented at the 97th Annual Meeting, Ecological Society of America, Portland, Oregon.
12. Tanaka, J., R. Frost, L. Roselle, and M. Pratt. 2012. eXtension and the Rangeland Stewardship and Health Community of Practice. Paper presented at the 65th Annual Meeting, Society for Range Management, Spokane, Washington.
13. Fraker-Marble, M., R. Meador, J. Tanaka, and K. Launchbaugh. 2012. RSIS (Range Science Information System): An Annotated Bibliography Tool for All Rangeland Managers. Paper presented at the 65th Annual Meeting, Society for Range Management, Spokane, Washington.
14. Maczko, K., J. Tanaka, M. Smith, C. Garretson-Weibel, C. Stanley, G. Fults, S. Hamilton, J.K. Brite, L. Bryant, D. Loper, R. Lopez, B. Bolton, and J. Mitchell. 2012. Sustainable Ranch Management: Integrating Monitoring Information and a Business Planning Process. Poster presented at the 65th Annual Meeting, Society for Range Management, Spokane, Washington.
15. Frost, R., J. Tanaka, L. Roselle, and M. Pratt. 2011. Rangelands on eXtension: Compiling the Best of the Best for Rangelands. Paper presented at the 64th Annual Meeting, Society for Range Management, Billings, Montana.

16. Torell, A., N. Rimbey, and J. Tanaka. 2011. Ecosystem Services: The New Motive for Range Improvements. Paper presented at the 64th Annual Meeting, Society for Range Management, Billings, Montana.
17. Blevins, A., K. Jensen, S. Kane, N. Rimbey, J. Tanaka, D. Taylor, L.A. Torell, and J.D. Wulforst. 2011. Social Sciences and Public Rangelands: Perceptions of Bureau of Land Management Employees and Stakeholders. Paper presented at the 64th Annual Meeting, Society for Range Management, Billings, Montana.
18. Maczko, K., J. Tanaka, and S.F. Hamilton. 2011. Sustainable Rangelands Roundtable (SRR) Overview. Paper presented at the 64th Annual Meeting, Society for Range Management, Billings, Montana.
19. Maczko, K., D.W. McCollum, J.A. Morgan, C.S. Duke, W.E. Fox, L. Hiding, U. Kreuter, J.E. Mitchell, J.A. Tanaka. 2011. Assessing Climate Change Effects with Indicators for Rangeland Ecosystem Goods, Services and Core Processes. Paper presented at the 64th Annual Meeting, Society for Range Management, Billings, Montana.
20. Tanaka, J., K. Maczko, M. Smith, J.E. Mitchell, C. Garretson-Weibel, D. Powell, C. Quimby, G. Fults, C. Stanley, S. Hamilton, N. Hansen, D. Loper, J.K. "Rooter" Brite. 2011. Sustainable Ranch Management through Business Planning and Rangeland Monitoring. Paper presented at the 64th Annual Meeting, Society for Range Management, Billings, Montana.
21. Tanaka, J. 2011. SRR Rangeland Ecosystem Services Assessment Framework. Paper presented at the 64th Annual Meeting, Society for Range Management, Billings, Montana.
22. Tanaka, J. 2011. SRR Socio-Economic Assessment Indicators. Paper presented at the 64th Annual Meeting, Society for Range Management, Billings, Montana.
23. Tanaka, J.A. 2010. Rangeland Ecosystem Goods and Services as Potential Sources of Income Diversification. Paper presented at the 63rd Annual Meeting, Society for Range Management, Denver, Colorado.
24. Tanaka, J.A. and J. Pfander. 2009. Rangelands CoP and the Western Rangelands Partnership: Integrating Programs to Serve our Stakeholders. Paper presented at the eXtension National Conference, St. Louis, Missouri.
25. Tanaka, J.A. 2009. How can we test management at the ranch scale? Symposium: Grazing systems research: focusing on the managers. Paper presented at the 62nd Annual Meeting, Society for Range Management, Albuquerque, New Mexico.
26. Tanaka, J.A., M.W. Brunson, and L.A. Torell. 2009. Assessment of the economic and social aspects of conservation practices. Symposium: Conservation Effects Assessment Project rangeland literature synthesis: an initial report. Paper presented at the 62nd Annual Meeting, Society for Range Management, Albuquerque, New Mexico.
27. Orr, B., C.L. Casler, and J.A. Tanaka. 2009. Tools for the future. Symposium: Western Rangelands Partnership: Using the internet for information transfer. Paper presented at the 62nd Annual Meeting, Society for Range Management, Albuquerque, New Mexico.
28. Brunson, M.W., and J.A. Tanaka. 2008. Economic and Social Impacts of Desert Fires and Invasives. Paper presented at the Wildfires and Invasive Plants in American Deserts Conference and Workshops, Society for Range Management Center for Professional Education and Development, Reno, Nevada.

29. Maher, A.T., J.A. Tanaka, and N.R. Rimbey. "The Economic Impacts of Sagebrush Steppe Wildfires on an Eastern Oregon Ranch." Paper presented at the 61st Annual Meeting, Society for Range Management and American Forage and Grassland Council, Louisville, Kentucky. 2008.
30. Tanaka, J.A. 2008. Pilot Project Socio-Economic Indicators, Selection Process and Connection to Sustainability. In the Multi-Agency Oregon Pilot Project: A Roadmap for Indicator-based Rangeland Assessment Symposium. Paper presented at the 61st Annual Meeting, Society for Range Management and American Forage and Grassland Council, Louisville, Kentucky.
31. R.D. Child, and J.A. Tanaka. 2007. Rangeland Ecosystem Services: Valuation Methods and Potential Incentive Programs. Paper presented at the 60th Annual Meeting, Society for Range Management, Reno, Nevada.
32. Torell, L.A., N.R. Rimbey, and J.A. Tanaka. 2007. Grazing Permit Value. Paper presented at the 60th Annual Meeting, Society for Range Management, Reno, Nevada.
33. Satyal, V., J. Tanaka, D. Lach, D. Pyke, and P. Doescher. 2007. Economic and Social Impacts: Costs and Acceptability. Paper presented at the 60th Annual Meeting, Society for Range Management, Reno, Nevada.
34. Tanaka, J. and K. Maczko. 2006. SRR Overview: Goals, Indicators, Model, Ecosystem Services, and Benefits. Paper presented at the 3rd National Conference on Grazing Lands. Grazing Lands Conservation Initiative, St. Louis, Missouri.
35. Torell, L.A., N.R. Rimbey, and J.A. Tanaka. 2006. On Why Grazing Permits Have Economic Value. Paper presented at the Western Agricultural Economics Association Annual Meeting, Anchorage, Alaska.
36. Satyal, V., J.A. Tanaka, D. Lach, D.A. Pyke, and P. Doescher. 2006. Economic and Non-Economic Impacts of Restoration: A Case Study Analysis of The Great Basin Region. Paper presented at the Western Agricultural Economics Association Annual Meeting, Anchorage, Alaska.
37. McCollum, D., L. Swanson, and J. Tanaka. 2005. Integrate social and economic indicators with ecological indicators for rangeland inventory, assessment, and monitoring: Why would you ever do that? Paper presented at the 58th Annual Meeting, Society for Range Management, Fort Worth, Texas.
38. Tanaka, J. 2005. Ranch-level economic impacts of off-stream water developments, animal attributes, and fencing. Paper presented at the 58th Annual Meeting, Society for Range Management, Fort Worth, Texas.
39. Tanaka, J., A. Torell, and N. Rimbey. 2005. Rangeland policy and economics research: integrating science and people. Paper presented at the 58th Annual Meeting, Society for Range Management, Fort Worth, Texas.
40. Tanaka, J.A. 2004. Implications for Land Use Policy and the Sustainability of Western Rangelands. Symposium on "Western Ranching as a Way of Life: Implications for Land Use Policy and Sustainable Rangelands" presented at the Western Agricultural Economics Association Annual Meeting, Honolulu, Hawaii.
41. Tanaka, J.A., L. Torell, N. Rimbey, L. Van Tassell, T. Darden, and A. Harp. 2004. Economic and social ramifications of alternate management priorities in sagebrush ecosystems. Symposium on "Fighting the odds: the challenge to save the sagebrush biome" presented at the Ecological Society of America, Portland, Oregon.
42. Tanaka, J.A., N.R. Rimbey, A. Torell. 2004. New faces, what does it mean for sustainable rangeland management? Paper presented at the 59th Annual Meeting, Society for Range Management, Salt Lake City, Utah.

43. Tanaka, J.A. 2003. Criterion 4: Maintenance and Enhancement of Multiple Economic and Social Benefits to Current and Future Generations. Paper presented at the 56th Annual Meeting, Society for Range Management, Casper, Wyoming.
44. Tanaka, J.A., L.A. Torell, M. Brunson, and E.T. Bartlett. 2003. Sustainable Rangelands: Indicators of Socio-economic Benefits. Poster Presentation, VII International Rangeland Congress, Session C5, Durban, South Africa.
45. Tanaka, J.A., and L.A. Torell. 2002. Status of Economic Criteria and Indicators for the Sustainable Rangelands Roundtable. Abstract of paper presented at the 55th Annual Meeting, Society for Range Management, Kansas City, Missouri.
46. Tanaka, J.A., and B.J. Gentner. 2001. Response of public land ranchers to policy changes. Abstract of paper presented at the 54th Annual Meeting, Society for Range Management, Kona, Hawaii.
47. Torell, L.A., N.R. Rimbey, J.A. Tanaka, and S.A. Bailey. 2001. The Lack of a Profit Motive for Ranching: Implications for Policy Analysis. Abstract of paper presented at the 54th Annual Meeting, Society for Range Management, Kona, Hawaii.
48. Torell, L.A., N.R. Rimbey, E.T. Bartlett, L.W. Van Tassell, and J.A. Tanaka. 2001. An Evaluation of the PRIA Grazing Fee Formula. Abstract of paper presented at the 54th Annual Meeting, Society for Range Management, Kona, Hawaii.
49. Gentner, B.J., and J.A. Tanaka. 2000. Characteristics of public land grazing permittees. Abstract of paper presented at the 53rd Annual Meeting, Society for Range Management, Boise, Idaho.
50. Sharp, J., J.A. Tanaka, N.R. Rimbey, T. Delcurto, P.A. Momont, M.L. McInnis, and C. Parsons. 2000. An economic analysis of grazing best management practices to improve riparian functioning and water quality. Abstract of paper presented at the 53rd Annual Meeting, Society for Range Management, Boise, Idaho.
51. Tanaka, J.A., N.R. Rimbey, and A.M. Stillings. 1999. Economics of grazing management in riparian areas. Abstract of paper presented at the 52nd Annual Meeting, Society for Range Management, Omaha, Nebraska.
52. Dickard, M.L., C. Hunt, P.A. Momont, N.R. Rimbey, T. Delcurto, M.L. McInnis, A. Stillings, and J.A. Tanaka. 1998. Offstream water and salting as management strategies for improved cattle distribution and subsequent riparian health. Abstract of paper presented at the 51st Annual Meeting, Society for Range Management, Guadalajara, Mexico.
53. Tanaka, John A., Thomas M. Quigley, James McIver, G. Lynn Starr, and Raymond G. Jandl. 1994. Natural resources in the Blue Mountains: issues, strategies, and recommendations. Abstract of paper presented at the 47th Annual Meeting, Society for Range Management, Colorado Springs, Colorado.
54. Starr, G. Lynn, Patty Burel, Pat Lichen, Thomas M. Quigley, James McIver, and John A. Tanaka. 1994. Forging a common vision for stewardship of the Blue Mountains: the Blue Mountains Natural Resources Institute. Abstract of poster presented at the 47th Annual Meeting, Society for Range Management, Colorado Springs, Colorado.
55. Rimbey, Neil R., M. Henry Robison, John A. Tanaka, Thomas M. Quigley, and James N. Hawkins. 1993. Economic impacts of grazing adjustments in the Stanley Basin, Idaho. Abstract of paper presented at 46th Annual Meeting, Society for Range Management, Albuquerque, New Mexico.

56. McInnis, M.L., L.L. Larson, R.F. Miller, and J.A. Tanaka. 1990. Chemical composition of whitetop. Abstract of paper presented at 43rd Annual Meeting, Society for Range Management, Reno, Nevada.
57. Larson, L.L., M.L. McInnis, R.F. Miller, and J.A. Tanaka. 1990. Whitetop (*Cardaria draba* (L.) Hand.) encroachment in the sagebrush ecosystem of Oregon. Abstract of paper presented at 43rd Annual Meeting, Society for Range Management, Reno, Nevada.
58. Torell, L.A., and J.A. Tanaka. 1990. Opportunity for traditional methodology in range and ranch economics. Abstract of paper presented at 43rd Annual Meeting, Society for Range Management, Reno, Nevada.
59. Workman, J.P., and J.A. Tanaka. 1990. Economic analysis in range revegetation. Abstract of paper presented in an Invited Symposium at 43rd Annual Meeting, Society for Range Management, Reno, Nevada. (presenting author).
60. Tanaka, John A., L. Allen Torell, and John P. Workman. 1987. FEEDSTORIS: A ranch planning micro-computer program. In: R.S. White, and R.E. Short (eds), Achieving Efficient Use of Rangeland Resources, Fort Keough Research Symposium, Miles City, Montana.
61. Despain, Del W., and John A. Tanaka. 1986. Vegetation regeneration after severe flooding along Burro Creek in Arizona. Abstract of poster presented at 39th Annual Meeting, Society for Range Management, Kissimmee, Florida.
62. Tanaka, John A., John P. Workman, and L. Allen Torell. 1986. Optimal decisions in managing big sagebrush/crested wheatgrass stands. Abstract of paper presented at 39th Annual Meeting, Society for Range Management, Kissimmee, Florida.
63. Tanaka, John A., and John P. Workman. 1985. Estimating optimum overstory vegetation reduction for increasing understory production -- An economic analysis. Abstract of paper presented at 38th Annual Meeting, Society for Range Management, Salt Lake City, Utah.
64. Tanaka, John A., Jimmy T. LaBaume, and Del W. Despain. 1982. Range Research Task Force: Applied research in Arizona. Abstract of paper presented at 35th Annual Meeting, Society for Range Management, Calgary, Alberta Canada.

Reports

1. Tanaka, J.A., A. Blevins, K. Jensen, N.R. Rimbe, D.T. Taylor, L. Allen Torell, and J.D. Wulforst. 2009. Assessment of Social and Economic Capabilities – USDI Bureau of Land Management. Final Report – Task Order HAF063F26. 430 p.
2. Tanaka, J., L.A. Torell, L.V. Swanson, M. Brunson, D. McCollum, and H.T. Heintz. 2003. Indicators for Maintenance and Enhancement of Multiple Economic and Social Benefits to Current and Future Generations. pp. V:1-28. In: J.E. Mitchell (ed.), Criteria and Indicators for Sustainable Rangelands: A First Approximation Report, Sustainable Rangeland Roundtable, U.S. Forest Service, Rocky Mountain Exp. Sta., Available online at <http://sustainable.rangelands.cnr.colostate.edu/2003Report/2003Report.htm>.
3. Tanaka, John A. 2002. Regional Economic Impact Assessment Model for Invasive Plants in the Blue Mountains Demonstration Area. Submitted to the USDA Forest Service, Pacific Northwest Research Station.
4. Tanaka, John A. 1994. Economic analysis of the proposed grazing rules for state land. Submitted to the Oregon Division of State Lands.

5. Tanaka, John A., and Thomas M. Quigley. 1991. Economic analysis of anadromous fish and livestock grazing for the Stanley Basin C&H Allotment Management Plan Environmental Impact Statement. Submitted to the Sawtooth National Forest, March 20.
6. Despain, Del W., and John A. Tanaka. 1983. Evaluation of prescribed burning on the Hualapai Indian Reservation. Final Report - Phase I. Range Research Task Force, Division of Range Resources, School of Renewable Natural Resources, University of Arizona.

Video

1. Tanaka, John A. 1997. Economics in wildlife management. Oregon State Univ., Dep. Fisheries and Wildl., Corvallis. 48:25 min. video.

Reviews of Manuscripts

Guest Editor, Rangelands special issues
 Journal of Range Management
 Rangeland Ecology and Management
 Journal of Range Management, Associate Editor (1994-1998)
 Rangelands
 Western Economics Forum
 Western Journal of Agricultural Economics
 Canadian Journal of Agricultural Economics
 Lincoln Library Press – Worldmark Encyclopedia of US and Canadian Environmental Issues

Teaching, Curriculum Development, and Advising

Teaching Experience (Oregon State University)

Courses Taught - Course numbers in parentheses are numbers for the same class before reorganization.

AG 199	An Introduction to Economic Development in Rural Counties
AREc 101	Introduction to Agricultural and Resource Economics
AREc 111 (Ag 251)	Computers in Agriculture
AREc 211	Management in Agriculture
AREc 250	Introduction to Environmental Economics
AREc 312	Intermediate Microeconomic Theory
AREc 358 (313)	Intermediate Microeconomic Theory
AREc 351 (451)	Natural Resource Management
AREc 361 (411)	Agricultural and Food Policy Issues
AREc 371 (447)	Agricultural Price Analysis
AREc 407	Senior Seminar
AREc 454	Rural Development Economics and Policy
AREc 461	Agricultural and Food Policy Issues
AREc 462	International Agricultural Development
AREc 471	Agribusiness Management Strategies
AED 518	Summer Agriculture Institute

Other Teaching Experience (Utah State University)

Range Resource Economics	1983
Ranch Inventory and Management Planning	1984
Introduction to Natural Resources	1985

Undergraduate Advising

	<u>Freshmen-Sophomores</u>	<u>Juniors-Seniors</u>
1986-1987	8	2
1987-1988	8	4
1988-1989	17	9
1989-1990	13	12
1990-1991	17	11
1991-1992	19	8
1992-1993	8	2
2012-2013	2	3
2013-2014	4	8

Graduate Advising

Major Professor	Degree	Date Completed
Vic Conrad	M.S.	Did Not Finish
Clay Landry	M.S.	Changed Topic
Amy Stillings	M.S.	1997
Jani Brackett	M.S.	Did Not Finish
Brad Gentner	M.S.	1999
Gwendolyn Aldrich	M.S.	2002
Jeff Sharp	M.S.	2004
Laura Nalle	M.S.	Transfer to Univ. Nev. Reno
Wenfang Tao	M.A.I.S.	2004
Vijayanand Satyal	Ph.D.	2006
Anna Maher	M.S.	2007
Anna Maher	Ph.D.	2019 (OSU)
Brianne Lind	M.S.	2015 (UW)
Philip Lavallee	M.S.	Did Not Finish (UW)
Anna Collins	M.S.	2019 (UW)
Bryce Lidtka	M.S.	2019 (UW)
Leticia Varelas	Ph.D.	In Progress (UW)
Savannah Warwick	M.S.	In Progress (UW)
Kasey Dollerschell	M.S.	In Progress (UW)
Committee Member		
Jon Bates	M.S.	1989
Siân Mooney	Ph.D.	1997
Marni Porath (Animal Science, Univ. of ID)	M.S.	1997
Jordan Steele	M.S. (AAE)	2012 (UW)
Dean Hirt	M.S. (ENR)	2012 (UW)
Tucker Hamilton	M.S. (AAE)	2015 (UW)
Holly Dyer	M.S. (AAE)	2018 (UW)
Kaitlyn McCollum	M.S. (AAE)	In Progress (UW)
Graduate School Representative		
Keiko Yamaguchi (Rangeland Resources)	M.S.	1993
Teresa Smergut (Rangeland Resources)	M.S.	1991
Allan Brazier (Education)	Ed.D.	1997

University, College, and Departmental Committee Activity

University of Wyoming

College of Agriculture and Natural Resources Transition and Integration Teams, 2018-2019.
 Search Committee, Department Head, Animal Sciences, 2013-14; 2014-15.
 Search Committee, Department Head, Plant Sciences, 2013-14.
 Foundation Reports Task Force, 2010.
 Agricultural Education Curriculum Committee, 2010-2011.
 Search Committee, Cooperative Extension Service Associate Director, 2009-2010.
 Agricultural Experiment Station, Competitive Grants Selection Committee, 2009.
 Wyoming Cooperative Extension Service, Competitive Grants Selection Committee, 2011.
 James C. Hagerman Sustainable Agricultural Research and Extension Center, Management Advisory Committee, 2010.
 James C. Hagerman Sustainable Agricultural Research and Extension Center, Administration Advisory Committee, 2011-present.
 University of Wyoming Extension Academic Planning Task Force, 2013.
 University of Wyoming LIFE Program Executive Steering Committee, 2013 (core biological sciences courses).
 Search Committee, Plant Sciences Department Head, 2014.
 Search Committee, Animal Sciences Department Head, 2014.

Oregon State University

Department of Agricultural and Resource Economics
 Undergraduate Task Group, 1992-1993
 Awards Committee, 1992-1994
 Undergraduate Committee, 1986-1989, 1995-1997
 Graduate Committee, 1997-2003
 Graduate Admissions Committee, 1997-1999
 Computing Committee, 1998-2000
 Coach, AAEE Academic Quiz Bowl Team, 1995-2000
 Advisor, OSU Agricultural and Resource Economics/Agribusiness Management Club, 1995-2000
 Faculty Governance Committee (elected), 1996-1999
 College of Agricultural Sciences
 Curriculum Committee, 1986-1989
 Undergraduate Awards Committee, 1996
 Search Committee, Rangeland Ecology and Management Department Head, 2006-07
 University
 Undergraduate Admissions Committee, 1996-2000 (Chair 1997-2000)
 Ad hoc committee on Proficiency-based Admissions (PASS), 1998-2000
 Enrollment Work Group, 1999-2000
 Judge for the Graduate Student Association Paper Presentation Competition, 1998, 1999
 Faculty Senate Ad Hoc Committee on Off-Campus Representation, 2006

Eastern Oregon State College

Faculty Advisor for the EOSC Agriculture Club, 1988-1991
 Search Committee for Admissions Counselors, 1989
 Search Committee for Admissions Counselors, June 1991
 Search Committee for Admissions Counselors, August 1991
 New Student Days, 1986, 1988, 1989, 1990. Conducting new student orientation sessions, hosting new student parties, and planning events with the Admissions Office

Other Service and Activities

Board Member, Goshen County Economic Development Corporation
Life Member, National FFA Alumni Association
Webmaster, Oregon Rangelands website
Union County Fair, auction photographer and sheep barn superintendent
Eastern Oregon Livestock Show, auction photographer
Hoot n' Nannies 4-H club leader (dairy goats)
Oregon School Activities Association Volleyball Official, 2002-2007
Little League (Juniors) Girls Softball Coach, 2003
Little League (Juniors) Girls Softball All-Star Team Coach, 2003
Little League (Majors) Girls Softball All-Star Team Manager, 2002
Little League (Majors) Girls Softball Team Manager, 2002
Cove Education Foundation, Board Member, 2002
Cove-Union Philadelphia Trip, Treasurer, 2001-2004
Zion Lutheran School (Corvallis), School Board Committee, member 1998-2000, Chair 1999-2000
Zion Lutheran School Call (Search) Committee for 2nd and 8th grade teachers and principal, 1999