Travis Greenwalt
Principal and Senior Economist

Master of Business Administration (MBA), The University of Montana, 2003
B.S. Business Finance & Management, The University of Montana, 2001

Summary of Experience

Travis Greenwalt is a natural resource economist with expertise in water resources, agriculture, business economics, valuation of ecosystem services, comprehensive land use analysis, and modeling of tradeoffs. His particular interest is in developing financial models and farm enterprise budgets for land and business managers to make smart decisions. Travis’ work is often used in negotiation or litigation of Indian water rights, and he has served as lead economist and expert witness for economic studies conducted in the State of New Mexico, ex rel. State Engineers, vs. The United States of America case regarding Navajo Nation water claims in the San Juan basin. His work has also been used to prioritize funding opportunities for federal donor programs, to obtain financing for start-up enterprises, to obtain grant funding or federal funding assistance, in forecasting and planning for economic growth for communities, and to enhance economic development. Travis regularly works with private entities, Native American tribes, attorneys, economic development groups, land use planners, trade associations, and local, state, and federal agencies. For these diverse clients, Travis has the ability to conduct and coordinate thorough, independent analysis of financial and economic issues to provide useful and innovative solutions for natural resource and business matters.

Prior to co-founding Highland Economics, Travis was a senior economist at Cardno ENTRIX, where he led economic analyses for public and private sector clients. In his ten years at Cardno ENTRIX, Travis managed and participated in a variety of natural resource and business economic studies. In these projects, he employed diverse methods of economic analysis including cost benefit analysis, optimization modeling, market analysis, financial feasibility and economic feasibility, and valuation of natural resources and environmental services.

Representative Projects

Travis’ experience throughout his career is highlighted below in the areas of water resources, integrated natural resources planning, business economics, agriculture, recreation, mining/oil/gas, and habitat/endangered species management.

Water Resources

* Economic Rate of Return (ERR) and land use plan, Irrigation Alternatives Initiative for the Lower Prut, *preparing for Millennium Challenge Corporation (MCC) under sub-contract to Keller-Bliesner Engineering, Moldova*
* Reserved water rights of the Fort Belknap Indian Reservation, *preparing for Bureau of Indian Affairs (BIA) under sub-contract to White Shield International, Montana*
* Economic benefits of forest restoration in terms of improved water supply and water quality, *prepared for Santa Ana Watershed Protection Authority, California*
* Eastern Montana water valuation (‘Juniper’), *prepared for a confidential client in the Missouri River basin, Montana*
* Water valuation for aquaculture venture, *prepared for Rangen Inc. under subcontract to Lotic Water, Idaho*
* Water valuation for agricultural and industrial water rights, *prepared for M2Green property in Missoula, Montana under subcontract to Lotic Water*
* Projections of water demand, water value, and recreation revenue potential at a new water storage facility in coastal Oregon, *prepared for the Confederated Tribes of the Siletz Indians,* Oregon
* Economic Rate of Return (ERR), Irrigation Alternatives Assessment for CISRA 9, *prepared for Millennium Challenge Corporation (MCC) under sub-contract to Utah State University, Moldova*
* Evaluation of water uses and needs for the Navajo Nation, San Juan Basin Settlement, *prepared for Bureau of Indian Affairs and Department of Justice*
* Fort Apache water right claim / benefit-cost analysis, *prepared for the White Mountain Apache Tribe, Arizona*
* Reserved water rights for the Flathead Indian Reservation, *prepared for the Bureau of Indian Affairs, Montana*
* Reserved water right claims for the Crow Indian Reservation, *prepared for the Bureau of Indian Affairs , Montana*
* Reserved water rights on the Lummi Nation, *prepared for the Bureau of Indian Affairs, Washington*
* Reserved water rights for the Duck Valley Indian Reservation, *prepared for the Bureau of Indian Affairs, Idaho*
* Ecosystem service valuation for Carson Valley, *prepared for Carson Water Subconservancy District, Nevada*

Integrated Natural Resource Planning

* Economic Rate of Return (ERR) and land use plan, Irrigation Alternatives Initiative for Lower Prut, *preparing for Millennium Challenge Corporation (MCC) under sub-contract to Keller-Bliesner Engineering, Moldova*
* Real estate & recreation development planning study, Cripple Horse Bay on Lake Koocanusa, *prepared for the Montana Department of Natural Resources, Montana*
* Screening analysis for a light industrial / tourist park planning study, *prepared for the City of Ritzville under subcontract to Gray & Osborne Engineering, Washington*
* Conservation Tools: An Evaluation and Comparison of the Use of certain Land Preservation Mechanisms, *prepared for the Washington State Recreation and Conservation Office, Washington*
* Commercial services plan and financial feasibility evaluation, *prepared for the US Bureau of Reclamation, Sonora, California*
* Land use and business plan for financial sustainability at the Valles Caldera National Preserve, *prepared for the Valles Caldera National Preserve Board of Directors, New Mexico*
* Comprehensive Economic Development Strategy (CEDS), *prepared for the White Mountain Apache Tribe, Arizona*
* Housing needs assessment for the community of Lincoln, *prepared for the Montana Business Assistance Connection (MBAC) and Lewis & Clark County, Montana*
* Evaluation of economic development options, *prepared for the Shoshone-Bannock Tribe, Idaho*

Agriculture

* Economic Rate of Return (ERR) and land use plan, Irrigation Alternatives Initiative for Lower Prut, *preparing for Millennium Challenge Corporation (MCC) under sub-contract to Keller-Bliesner Engineering*
* Economic and market feasibility analysis of irrigation on the Fort Belknap Reservation, *prepared for the Bureau of Indian Affairs, Montana*
* Economic Rate of Return (ERR), Irrigation Alternatives Assessment for CISRA 9, *prepared for Millennium Challenge Corporation (MCC) under sub-contract to Utah State University.*
* Evaluation of water uses and needs for the Navajo Nation, San Juan Basin Settlement, *prepared for Bureau of Indian Affairs and Department of Justice*
* Financial modeling of a cull cow marketing program, *prepared for Salt of the Earth (SOTE) Ranchers Cooperative*
* Feasibility study and market analysis for a mobile slaughter unit, *prepared for the Montana Mobile Processing Company, Montana*
* Financial modeling of an incubator farm, *prepared for Community Food & Agriculture Coalition, Montana*
* Feasibility study of a packing plant, *prepared for the Flathead Lake Organic Cherry Cooperative, Montana*
* Market analysis of seed demand, *prepared for the Western Montana Seed Cooperative, Montana*
* Distribution and market feasibility study, *prepared for the Flathead Lake Cherry Growers, Montana*
* Hydroculture growhouse feasibility study, *prepared for Energy Exchange Enterprises (E3), Montana*
* Economic and market feasibility analysis of irrigation on Fort Apache / benefit-cost analysis, *prepared for the White Mountain Apache Tribe*
* Economic and market feasibility analysis of irrigation on the Flathead Indian Reservation, *prepared for the Bureau of Indian Affairs*
* Economic and market feasibility analysis of irrigation on the Crow Indian Reservation, *prepared for the Bureau of Indian Affairs*
* Feasibility study of producing camelina oil for jet fuel, *prepared as part of an application for the Biomass Crop Assistance Program (BCAP) for AltAir, Washington*
* Feasibility study of producing miscanthus for biomass pellets, *prepared as part of an application for the Biomass Crop Assistance Program (BCAP) for Aloterra Energy, Kansas*
* Feasibility study of producing miscanthus for biomass pellets, *prepared as part of an application for the Biomass Crop Assistance Program (BCAP) for Avalon Energy, Ohio*
* Economic and market feasibility analysis of irrigation on the Lummi Nation, *prepared for the Bureau of Indian Affairs ,Washington*
* Economic and market feasibility analysis of irrigation on the Duck Valley Indian Reservation, *prepared for the Bureau of Indian Affairs, Idaho*
* Economic impact of reduced water surface water supplies to the Friant Division of the Central Valley Project, *prepared for the Friant Water Authority, California*

Recreation

* Economic value of recreation and wildlife habitat enhancement in the Lower Prut*, preparing for the Millennium Challenge Corporation, Moldova*
* Recreation development planning study, Cripple Horse Bay on Lake Koocanusa, *prepared for the Montana Department of Natural Resources, Montana*
* Marina and fueling facility feasibility study, *prepared for the Skokomish Indian Tribe, Washington*
* Reservoir recreation development plan and revenue analysis, *prepared for a confidential client, Oregon*
* A plan for revenue enhancement on the Valles Caldera National Preserve, *prepared for the Valles Caldera National Preserve Board of Directors, New Mexico*

Mining, Oil, and Gas

* Forecast of future large industrial and commercial activities on the Fort Belknap Reservation, *prepared for the Bureau of Indian Affairs under subcontract to White Shield International, Montana*
* Documentation of past and present large industrial water uses on Navajo Nation, *prepared for the Department of Justice and Bureau of Indian Affairs, New Mexico*
* Forecast of future large industrial and commercial activities on the Navajo Nation within the San Juan Basin, *prepared for the Department of Justice and Bureau of Indian Affairs, New Mexico*
* Forecast of future large industrial and commercial activities on the Navajo Nation within the Zuni basin, *prepared for the Department of Justice and Bureau of Indian Affairs, New Mexico*
* Forecast of future large industrial and commercial activities on the Crow Reservation, *prepared for the Bureau of Indian Affairs, Montana*
* Forecast of future large industrial and commercial activities on the Flathead Reservation, *prepared for the Bureau of Indian Affairs, Montana*

Renewable Energy

* Economic and environmental impacts of forest biomass energy projects, *prepared for the Montana Department of Commerce and NorthWestern Energy, Montana*
* Feasibility study for a hydroculture growhouse and combined heat and power (CHP) system, *prepared for Energy Exchange Enterprises (E3), Montana*
* Feasibility study of utilizing camelina oil for jet fuel, *prepared as part of an application for the Biomass Crop Assistance Program (BCAP) for AltAir, Washington*
* Feasibility study of utilizing miscanthus for biomass pellets, *prepared as part of an application for the Biomass Crop Assistance Program (BCAP) for Aloterra Energy, Kansas*
* Feasibility study of utilizing miscanthus for biomass pellets, *prepared as part of an application for the Biomass Crop Assistance Program (BCAP) for Avalon Energy, Ohio*

Habitat and Endangered Species

* Economic analysis of critical habitat designation of the spreading navarretia, *prepared for the US Fish and Wildlife Service, California*
* Economic analysis of critical habitat designation of the Coachella Valley milk vetch, *prepared for the US Fish and Wildlife Service, California*
* Economic analysis of critical habitat designation of the San Jacinto Valley crownscale, *prepared for the US Fish and Wildlife Service, California*
* Economic analysis of critical habitat designation of the Buena Vista Lake shrew, *prepared for the US Fish and Wildlife Service, California*

Affiliations

* Treasurer, Missoula Conservation District, 2012 - present
* Member, Montana Sustainable Growers Union – Homegrown, 2012 – present
* Treasurer, Western Montana Growers Cooperative Board of Directors, 2011 – present
* Member, The University of Montana Business School Advisory Board, School of Accounting & Finance, 2009 - 2012