

Edward F. Harvey

Ed Harvey joined BBC Research & Consulting in 1973 and served as a Managing Director of the firm from 1989 until 2002, when he formed a new firm, Harvey Economics. He has devoted the bulk of his career to water, mineral, energy and environmental resource studies and community change in the U.S. During his 34-year career, Mr. Harvey has worked extensively for public and private clients conducting economic, financial and market studies. His work has focused upon regulatory compliance or change, new business opportunities, and impacts upon businesses, employees, government and affected populations. Examples include economic and social impact analyses, feasibility studies, fiscal impact analyses, market assessments, resource demand projections and benefit-cost analysis. Mr. Harvey has directed socioeconomic evaluations for a number of Environmental Impact Statements (EISs) and Environmental Assessments (EAs). He has played a prominent role in public processes that are usually a part of Mr. Harvey's assignments.

Relevant Experience

- **Grand Canyon National Park Overflights EIS.** Working with Parsons, NPS and FAA, Mr. Harvey is currently directing the socioeconomic aspects of this study which concerns a reduction in overflights at the Grand Canyon. Harvey is focusing on the market and financial impacts of new flight rules on the air tour operator industry in northern Arizona and Las Vegas. These flight rules are aimed at a reduction in noise at the Park, and may also have significant impacts on local communities and Native American tribes. A number of alternatives and resulting impacts will be considered.
- **Carbon County Fiber Optics Feasibility Study.** In 2006, Mr. Harvey directed a study to evaluate the feasibility of completing a fiber optic network connecting the communities in Carbon County through a public sector or public/private partnership. This broad based feasibility study examined the physical requirements, market potential, alternative business models, employment and business implications, financial feasibility and risk. This work entailed a survey of competitors and potential partners and a broad assessment of community and business support for the proposal.
- **Colorado Air Quality Cost-Benefit Task Force.** In 1996, Mr. Harvey served on the task force appointed by the State of Colorado to evaluate the use of benefit-cost analysis, risk analysis and economic impact analysis in evaluating new air quality regulations. The multidisciplinary task force reviewed both theoretical issues and practical applications of these techniques in other states. The task force provided recommendations to the Colorado State Legislature concerning the appropriate and cost effective use of these analytical techniques in setting and evaluating new regulations. Martin Marietta and Amoco representatives served on this task force.
- **City of Albuquerque.** In early 2004, Mr. Harvey evaluated the transfer of the San Juan-Chama Project from the Bureau of Reclamation (BOR) to the project contractors. Physical, environmental and institutional risks were evaluated as part of this effort. His responsibilities included an audit of the operation and maintenance payments made by the City of Albuquerque to the BOR and a financial valuation of the project transfer price. As part of the audit, Mr. Harvey evaluated whether or not the cost allocation as it evolved over the life of the project was correctly applied to the project contractors. The value of the San Juan-Chama Project was calculated with methodologies consistent with BOR and Office of Management and Budget practice.

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- **Upper San Juan Basin EIS and County Impact Report.** In 2002, Mr. Harvey directed an effort to study the socioeconomic impacts of coalbed methane development in a scenic rural area in southwestern Colorado. These studies included a rigorous examination of impacts of the proximity of coal bed methane facilities on local property values. The study employed a hedonic statistical model with more than a decade's worth of property sales data to specifically quantify effects of future well development according to spatial alternatives using GIS.
- **UMTRA.** Harvey was retained by the U.S. Department of Energy to estimate the economic impacts of transportation options for uranium mill tailings removal from Grand Junction, Colorado. Harvey estimated potential business losses for road-side businesses and property tax losses for homeowners.
- **Upper Yellowstone River Socioeconomic Assessment.** Mr. Harvey led the socioeconomic team in a comprehensive 2002 study of the Upper Yellowstone River for the U.S. Army Corps of Engineers. This work focused on the conflict between structures on the river to reduce flooding and erosion versus tourism and quality of life concerns. Working closely with the Upper Yellowstone River Task Force, Harvey drew the link between the River, visitors to the area, the economy, and social values. Surveys of households, businesses and visitors were conducted. This baseline study will be the starting point for a later impact analysis.
- **Air Quality in Colorado National Monument.** For NPS, Mr. Harvey completed an economic impact assessment of potential changes in Grand Junction area air quality standards. Two separate standards were under scrutiny: the likely PM-10 Standard and the possible redesignation of the Colorado National Monument to a Class I area. Since the imposition of these standards could, under extreme circumstances, cause a curtailment of certain industrial activity, Mr. Harvey and his team were retained to estimate the economic, demographic and financial impacts of such actions.
- **Prairie Waters Project.** The City of Aurora is currently planning an innovative and conservation oriented water resource development which would divert effluent and other return flows from the Lower South Platte River northeast of Denver to a groundwater recharge area and then extract through wells and conveyed to the City's water treatment plants. The work includes complying with the unique permitting process of each county and responding to the full gamut of socioeconomic issues associated with the project. Harvey has focused his work on the economic and fiscal gains stemming from Aurora's project to local governments and communities as well as the economic effects from reduced gravel mining.
- **Fryingpan Arkansas Project.** In 2006, Mr. Harvey provided market and financial services and negotiation support for the City of Aurora in securing from the U.S. Bureau of Reclamation a long term agreement for water storage and exchange. Harvey's work included a market study of similar agreements, a business proposal, a financial evaluation of alternatives and an assessment of long term implications. These negotiations were public and controversial among southern Colorado constituencies.
- **Water and Power Task Force.** During the mid-1990s, Mr. Harvey provided technical consulting and negotiation support to assist in reaching an agreement among the Western U.S. water and electric power utilities. The final agreement set forth joint principles of agreement in pursuing privatization of U.S. Bureau of Reclamation facilities.

Education

M.S.B.A., Economics, University of Denver, 1973.

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