Biographical Sketch
FRANK A. WARD
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EDUCATION:

Ph.D. Colorado State University, 1978, Economics
M.S. Colorado State University, 1975, Economics
B.S. Colorado State University, 1970, Economics

PROFESSIONAL EXPERIENCE:

Distinguished Achievement Professor, New Mexico State University, 2012 - present
Professor, New Mexico State University, 1988 - present.
Associate Professor, New Mexico State University, 1983 to 1988.
Assistant Professor, New Mexico State University, 1978 to 1983.

SUMMARY OF RECENT WORK:

Dr. Ward is Distinguished Achievement Professor of water economics and policy in the department of Agricultural Economics and Agricultural Business at New Mexico State University. His research and teaching has emphasizes conservation, valuation, and economically efficient use of water resources with emphasis on irrigated agriculture. It also includes policy planning, program formulation for water resources development, analysis of river basins, transboundary water sharing, and institutional strengthening. Additional contributions lie in economic evaluation of policies for development and allocation of water, including development of methods to conduct economic appraisals; formulating interdisciplinary approaches to investigations of water policy issues; concepts and methods of valuing key ecological assets. Dr. Ward has conducted river basin assessments that integrate hydrologic, agronomic, institutional, and economic linkages to support sustainable river basin management and policy analysis. His recent work on integrated river basin analysis has been applied to the Rio Grande and Colorado Basins of North America and to the Tigris-Euphrates (Iraq), Jordan, Nilufer (Turkey), Murray-Darling (Australia), Nile, Amu Darya (Central Asia), Zayandeh-Rud (Iran) and several basins in Afghanistan. He has published extensively on water resources, including more than 80 peer-reviewed journal articles in water resources systems analysis and policy, environmental management, and irrigation economics. He has authored two books on the economics of natural resources and the

RELEVANT PEER REVIEWED ARTICLES, SELECTED RECENT, SINCE 2008


**BOOKS** (Commercially Published)


**CONTRACTS AND GRANTS** (since 2006)

Preparation of a Scientific Paper for Economic analysis of Agriculture in the Gila Basin, New Mexico, New Mexico Interstate Streams Commission, 2015-16, $16,000, PI.

Sustainable Water Resources for Irrigated Agriculture in a Desert River Basin Facing Climate Change and Competing Demands: from Characterization to Solutions, 2015-2020, $5 million, Co PI.

Economics of Irrigation in the Gila Basin, New Mexico,” New Mexico Interstate Streams Commission, 2014, $69,000; PI

Monitoring and Forecasting Climate, Water, and Land Use for Food Production in Iraq, US Geological Survey, 2010-13, approximately $210,000 per year ($25,000 per year for NMSU); PI.

Monitoring and Forecasting Climate, Water, and Land Use for Food Production in Afghanistan, US Geological Survey, 2008-13, $220,000 per year ($25,000 per year for NMSU); PI.

“Afghanistan Water, Agriculture, and Technology Transfer,” Funded by USAID for $20 million, 2008-11. NMSU was lead institution. Partner institutions are Colorado State University, University of Illinois, and Southern Illinois University; Co-PI.

“Development of a Database for New Mexico Water Right Prices,” Funded by the New Mexico Water Resources Research Institute, $30,000, 2008-09.

“Economics of Agricultural Water Conservation Programs in the Colorado Basin, Texas,” Funded by the City of San Antonio and Lower Colorado River Authority, TX, for $190,000, 2006-2008, PI.

ASSOCIATE EDITOR FOR PEER-REFEREED JOURNALS:

*Water Economics and Policy, 2013-current*
*Water Resources and Economics, 2012-current*
*Journal of Hydrology, 2008-2011*