

RESUME

WALTER R. BUTCHER

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BIRTHDATE: August 20, 1933

MARITAL STATUS: Married

EDUCATION: Ph.D. Iowa State University, Agricultural Economics, 1962

M.S. Iowa State University, Agricultural Economics, 1956

B.S. University of Idaho, Agricultural Economics, 1955

POSITION: Professor Emeritus of Agricultural Economics at Washington State University;
Independent consultant and advisor in agricultural development and natural resource management.

SPECIALIZATION: Agricultural Economics; Natural Resource and Environmental Economics

PRINCIPAL EMPLOYMENT:

1997- Present Professor Emeritus, Washington State University

1969- 1997 Professor and Ag. Economist, Washington State University.

1964-1969 Associate Professor and Associate Ag. Economist, Washington State University.

1963-1964 Assistant Branch Chief, ERS, USDA, Washington, D.C.

1958-1963 Economist, ERS, USDA, Ames, Iowa and Pullman, Washington.

KEY QUALIFICATIONS:

Dr. Butcher served on the faculty at Washington State University (WSU) from 1964 to 1997 and remains active in retirement in advising graduate students and participating in environmental and international research projects. From 1958 to 1964 he was an economist with the Economic Research Service, U.S. Department of Agriculture.

Dr. Butcher specializes in economics of natural resource development, conservation, and policy analysis especially in relation to agricultural land and water resources, water allocation and project analysis, economics of electricity planning and policy, and sustainable international agricultural development. He has taught graduate and undergraduate courses in farm management and production economics, natural resource and environmental economics, international agricultural development, and cost-benefit analysis of projects. He has supervised more than 30 graduate students in their studies and directed research for their M.S. or Ph.D. degrees.

At WSU, Dr. Butcher played a key role in interdisciplinary research projects on Evaluation of the Columbia River as a resource, assessment of irrigation potential in the Pacific Northwest, Northwest Energy Policy Project, and Review of feasibility of completing nuclear power plants WNP

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In addition to his principal employment, Dr. Butcher has also served as Visiting Professor at Chung Hsing University, Taiwan, the University of Wisconsin, Madison; and the Staff of Special Assistant to Secretary of Army for Civil Functions. He has also been a consultant and advisor to: the U.S. Gen. Acct. Office, the Bonneville Power Administration, and the State of Washington on regional electricity policy and irrigation studies; the U.S. Water Resource Council, the Washington Department of Ecology, the Office of Civil Functions, Secretary of the Army; and the National Water Commission on studies of water planning and pricing; the National Commission on Technology, Automation and Economic Growth on technological change in agriculture; the U.S. Dept. of Agriculture on soil conservation assessment studies; and the U.S. Agency for International Development for agricultural development, natural resource management, and project planning in Asia, Africa, and the Near East.

Dr. Butcher has had a number of short term international assignments as consultant and advisor on agricultural development, on research program development and planning, and on natural resource policies. His international experience has included 7 assignments in 5 East Asian countries, 4 projects in 3 countries in Sub-Saharan Africa, and 5 assignments in 4 Middle Eastern countries.

Since 1993, Dr. Butcher has been involved in projects in countries of the former Soviet Union. In 1993 he spent two weeks in Mongolia providing advice and oversight of economic research and presenting lectures and leading discussions at the Mongolian National Agricultural University in Ulaanbaatar. In 1996 and 1997 he collaborated with WSU and Russian scientists on developing a program of research in environmental protection and environmental policy. In four visits to Russia he made workshop presentations, helped plan a program of training and research, and worked with Russian and U.S. on a series of papers that are being published in a proceedings.

Since 1997, Dr. Butcher has concentrated his research and instructional effort on irrigation and resource management in Central Asia. In 1997 and 1998 he visited Kazakhstan and Uzbekistan where he worked with a voluntary organization on training and development plans for small newly privatized irrigated farms. The first of two partnership projects between WSU and the Tashkent Institute of Irrigation and Melioration (TIIM) started in 2000. The Partnership for Environmental Protection and Integrated Water Management (PEPIWM) involved conducting workshops and small applied research projects at TIIM on economic analysis of irrigated agriculture, environmental impact assessment, and other topics. There were also study tours for TIIM faculty at WSU. The second project, Partnership for Resource and Environmental Resource Management (PREMA), began in 2002 with funding from the U.S. Department of State. The workshops and study tours were equally divided between economics and social sciences. There was substantial research involving surveys of more than 1000 farmers in all regions of Uzbekistan. Reports are now being prepared for publication.

Dr. Butcher has held leadership positions in two USAID funded multi-country collaborative research studies. He served for six years as leader on a project to develop research into the economics of soil and moisture management in dryland areas and for five years on the Technical Committee for the Sustainable Agriculture and Natural Resource Management Collaborative Research Support Project (SANREM-CRSP).

SELECTED RELEVANT PUBLICATIONS:

Journal Articles Refereed

Hughes, D., W. Butcher, A. Jaradat and W. Penaranda. 1995. "Economic Analysis of the Long-Term Consequences of Farming Practices in the Barley Cropping Area of Jordan." *Agricultural Systems*, 47:39-58, 1994 Elsevier Science Limited, Printed in Great Britain.

Ellis, J.R., D. W. Hughes, W. R. Butcher. 1990. "Economic Modeling of Farm Production and Conservation Decision in Response to Alternative Resource and Environmental Policies." North-Eastern J. of Agric. and Res. Econ.

Day, J.C., W. R. Butcher, and D. W. Hughes. 1990. "An Economic Analysis of Farm Management Practices and Improved Technologies in the Sahel." Advances in Soil Sci., Vol. 13.

Barnard, C.W. and W.R. Butcher. 1989. "Landowner characteristics: A Basis for Locational Decisions in the Urban Fringe". Amer. J. Agr. Econ., 71: 679-684.

Elder, E. E. and W. R. Butcher. 1989. "Including the Economic Impact of Cost Paying in Regional Input-Output Analysis." Western J. Agr. Econ., 14:78-84.

Articles Nonrefereed

Butcher, W. R. and P. R. Wandschneider. Book review of The Economic Pursuit of Quality (T.M. Power), Amer. J. Agr. Econ., 71:1077-1-78. 1989.

Butcher, W. and N. K. Whittlesey. "Resource Depletion Problems in Agriculture". Agri-Trends. Rainer Bank, Inc. 1982.