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OFFICE OF THE SECRETARY
RULEMAKINGS AND
ADJUDICATIONS STAFF **James Catlin**
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Education

Ph.D., University of California at Berkeley, 1996, Department of Environmental Science, Policy, and Management. 1996. My research investigated the influence that the geographic information system brings to natural resource management.

M.S., Civil Engineering, University of Utah, 1980, My dissertation performed sensitivity analysis on urban air pollution forecasting for carbon monoxide in the Salt Lake Valley.

Urban land use planning practicum, University of Utah, Department of Geography, 1977. This practicum produced a land use plan for Clearfield, Utah.

Regional planning courses, 1975, Imperial College, London, England

B.S., Electrical and Electronics Engineering, 1971, Oregon State University.
Area of specialization: analog and digital computer simulation of systems.

Languages

German, Mandinka, Wollof.

**Professional
Experience**

Wild Utah Project Coordinator, fall of 1996 to present. This office, associated with The Wildlands Projects, provides GIS support, scientific analysis, and conservation project management assistance for Utah environmental organizations.

Computer consultant for Techtel Corporation and PinPoint Research, 1994 to 1996. Responsibilities included computer equipment procurement, system installation, training, and technical support. The equipment included a wide range of DOS/Windows/WinNT based computers using LAN, Internet services, computerized telephony.

University of Utah, Department of Geography, visiting lecturer. Developed and taught a graduate course titled Western Water Management, 1991.

Evans & Sutherland Computer Corporation 1977-1990. I supervised a staff of twelve field service engineers which provided worldwide technical support for

image generating computers used in flight simulation. My responsibilities included field service engineering, customer training courses, project management, procurement, and designing maintainability into new products.

International Computers Limited, London, United Kingdom, Field Service Engineer, 1974-76.

Peace Corps, The Gambia, West Africa, volunteer math and science teacher as well as instructor in teacher training, 1971-73.

Published
Work

"Determining GIS Success in Land Management: the Dilemma Concerning Captivating maps," 1995, Proceedings of the Ninth Annual Symposium on Geographic Information Systems, March 27-30, Vancouver, B.C.

Utah's Unprotected Wilderness, Photos by Scott Smith, et al. Peregrine Smith Publisher, 1991, (contributing photographer and assistant editor)

Wilderness at the Edge, A Citizen Proposal to Protect Utah's Canyons and Deserts, Utah Wilderness Coalition, 1990 (Co-publisher/editor, cartography, contributing photographer)

Saving the Solitude, Sierra Club, 1984, a handbook on the Bureau of Land Management's wilderness review program.

"Carbon Monoxide Pollution in the Salt Lake Valley, Forecast Sensitivity Analysis," M.S. Thesis, 1980

Awards &
Recognition

John Muir Award, Sierra Club conservation award, 1992

Switzer Fellow, 1992

Sigma Xi Research grant, 1993

Conservation Award, Southern Utah Wilderness Alliance

Listed in the Marquis Who's Who, 48th, 49th, 49th, 50th, and 51st editions

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