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GENEVIEVE ATWOOD
30 U Street
SLC, UT 84103
801/534-1896
Genevieve.Atwood@geog.utah.edu

SUMMARY:

My entire career has been spent on the interface of science and public policy. As a scientist I have six years experience with industry, eight years with government, fifteen years with not-for-profits, and about twenty years in academia. In public service, I have six years legislative experience as a Utah state legislator, eight years as an agency head, many years experience on policy and advisory boards, and the difficult-to-quantify experience of local/state/national, non-partisan and partisan political campaigns. My primary interests as a physical geographer are (a) to quantify effects of coastal processes of closed-basin lakes and (b) to better understand what is meant by a "sense of place" including how to communicate Earth science concepts to teachers, policy makers, and laypeople. As a geomorphologist, I am fascinated by landform surfaces of Utah's physiographic provinces as evidence of geomorphic processes of global-glacial and global-interglacial climate.

EDUCATION:

Ph.D., Geography, University of Utah, 2006.

Dissertation title: Shoreline Superelevation: evidence of coastal processes of Great Salt Lake, Utah.

M.P.A., Political Science, University of Utah, 1991.

Thesis topic: Administrative responses to the 1983 Thistle, Utah landslide.

M.A. Geology, Wesleyan University, 1973.

Thesis topic: Geology of the Minas de Oro Quadrangle, Honduras, Central America.

B.A. History, Bryn Mawr College, 1968.

Emphasis: the history of science.

EXPERIENCE:

Founder and Chief Education Officer

Earth Science Education

January 1993 to present

Earth Science Education (ESE) is a nonprofit 501(c)(3) tax-exempt educational organization whose mission is to use earth systems to interest children in science. ESE teaches courses and creates resource materials. ESE courses give adults, generally teachers, the confidence and competence to teach students earth science principles, hands-on, outdoors, in the children's neighborhoods. I am ESE course creator, leader, fundraiser and administrator.

University of Utah,

Presently, Adjunct Assistant Professor, Department of Geography

Courses taught in the Departments of Geography (GEOG) and Geology & Geophysics (GG):

2007 - present	GEOG5810 / 6810	Field seminar: Analysis of Utah Landforms.
2004 - present	GEOG3600	Geography of Utah
2001 - present	GEOG3330.	Urban Environmental Geography.
1997	GEOG393 / 593	GPS - GIS
1993 - 1994	GG325	Geology of Utah
1993 - 1994	GG326	Utah Geology Field Trips

President and Geologist

Atwood & Mabey, Inc.

January 1990 to present

Atwood & Mabey, Inc. is a small, occasionally active, geological consulting firm consisting of Genevieve Atwood, geologist, and Don R. Mabey, geophysicist. We advise individuals, public entities, and private organizations on geologic aspects of land use, hazards, and resource problems by identifying and interpreting existing geological, geophysical, and geochemical information. When additional data are needed, we oversee or perform field and other studies. We concentrate our efforts in the geographic areas and geologic environments we know best; Utah, Nevada, and southern Idaho.

Candidate (Republican) for U.S. House of Representatives

1 year--January, 1990 to November, 1990

I raised funds (approximately \$300,000), hired staff (4 full-time), recruited and enthused volunteers (approximately 7000), and interacted with the press and hundreds of constituent groups. We won the primary election and lost to the incumbent in the general election.

State Geologist and Director

Utah Geological and Mineral Survey (UGS)

8 years--July 1981 to October 1989

The Utah Geological and Mineral Survey (now the Utah Geological Survey, UGS) is a division in the Utah Department of Natural Resources (DNR). The UGS strives to make the state of Utah safer, richer, and better understood geologically. As Director, I managed a staff of about 50 and a \$2 million budget allocated among five programs: administration, economic geology, hazards geology, mapping geology, and information dissemination.

The UGS Director is the official State Geologist, provides leadership to the organization, is instrumental in acquiring funds from a variety of sources, represents the agency and the state on various technical committees, and, as the highest ranking geologist in state government, provides advice to state, Federal and local governmental entities on earthscience-related policy decisions.

Geologist (1975-76) and Senior Geologist (1976-81)

Ford, Bacon and Davis Utah Inc.

6 years--March 1975 to June 1981

- 1980-81 Uranium mill tailings studies for the U.S. Department of Energy.
- 1979-81 Baseline monitoring of the hydrology and geomorphology at the Dave Johnston surface coal mine for Northern Energy Resources Company.
- 1979 Monitoring of geology and groundwater hydrology at radioactive waste disposal sites at the Hanford Reservation, Richland, Washington for the U.S. Department of Energy.
- 1978 Delineation of Federal and state permits required to open a coal mine in Utah for Coastal States Energy Company.
- 1976-78 Comparison of the geology and hydrology of 23 inactive uranium mill tailings sites in the western United States for the U.S. Department of Energy.
- 1975-76 Field surveys of engineering practices and geology at many of the 165 surface coal mines in the United States studied by Mathtech, Inc. for the U.S. Bureau of Mines.

State Representative

Utah House of Representatives

6 years--elected 1974, served January 1975 to January 1981

Successfully sponsored major legislation including:

- Utah's Surface Mining Reclamation Act
- Utah's Open and Public Meetings Law ("Sunshine Law")
- Utah's Seismic Safety Advisory Council Act.

Co-chaired the Appropriations Subcommittee for Social Services, which included health and corrections (1979-80). Parliamentarian of the Utah House of Representatives (1979-80).

Institute of Politics Fellow

Harvard University, John F. Kennedy School of Government

6 months--February to July 1978

Taught a non-credit course entitled "Coal and Public Policy."

Staff Officer, Environmental Studies Board**National Academy of Sciences**

2 years--August 1972 to March 1974

Staffed three studies:

1974--Feasibility of returning underground coal mine waste to the mined-out areas

1973--Reclamation potential of western coal lands

1972--Environmental consequences of a national materials policy

Intern (volunteer)**Connecticut General Assembly**

6 months--January to June 1972

Provided technical information that led to a definition of inland wetlands. Assisted with hearings concerning the management of Connecticut's surface-water quality.

Field geologist, graduate student, Wesleyan University**thesis support provided by Doherty Charitable Foundation and the Government of Honduras**

1 year--January 1971 to January 1972

Mapped the geology of the Minas de Oro quadrangle, a 190 sq. mi. area in west-central Honduras.

PROFESSIONAL ASSOCIATIONS (partial listing):

American Geological Institute (member of ad hoc advisory committee on women in the geosciences) 1990s.

American Society for Public Administration (past member of Utah chapter's board) 1980s.

Association for Women Geoscientists (past president, Utah chapter; past director, AWG Foundation)

Association of American State Geologists (member, retired honorary member)

Association of Engineering Geologists (affiliate member)

Geological Society of America (fellow; councilor 1991-94)

Utah Geological Association (life member)

Women's Math-Science Network (mentor member)

NATIONAL ADVISORY PANELS:

2004-2006 National Science Foundation, site visit and review of the National Center for Earth-Surface Dynamics

1983-89 Committee on Ground Failure Hazards, Commission on Engineering and Technical Systems, National Research Council

1987 Solid Earth-sciences Panel, Energy Research Advisory Board, U.S. Department of Energy

1981, 1986 Review Panels for the National Earthquake Hazards Reduction Program, Federal Emergency Management Agency

1977-81 Advisory Panel on Earthquake Research, U.S. Geological Survey

1976-79 President's Intergovernmental Advisory Panel on Science and Technology, Office of Science and Technology Policy

COMMUNITY BOARD SERVICE (partial listing):**Academic:**

Stanford University, School of Earth Sciences, Advisory Board, 1990-2000

University of Utah, College of Mines and Earth Sciences, Advisory Board, 1990-94

Bryn Mawr College, trustee, 1988-94

Utah State University, Citizens Advisory Council for Water Resources Research, 1977-90

University of Utah, College of Business, Advisory Council, 1976-80

Other governing / government boards: partial listing.

Provo River Water Users Association, 2005-present

Division of Forestry, Fire, and State Lands, advisory council, 2002-2009

League of Women Voters of Salt Lake, co-president, 1999

Metropolitan Water District of Salt Lake and Sandy, 1996-2007
100 Years - 100 Women, 1996
State Science Council, 1994-97
Planned Parenthood of Utah, 1991-95
Central Utah Water Conservancy District, 1981-84
University of Utah Hospital, 1979-89
Salt Lake City Public Utilities, advisory board, 1978-88

HONORS (partial listing):

2000 University of Utah, The Graduate School, Graduate Travel Award to the 4th International Conference on Integrating GIS and Environmental Modeling
1997 University of Utah, Department of Geography, Award for outstanding graduate student
1996 Utah Women's Political Caucus, Susa Young Gates Award for outstanding service to women in Utah and dedication to the cause of human rights
1991 Pi Alpha Alpha, selection to the national honor society for public administration
1990 U.S. Geological Survey, John Wesley Powell Award for State Government Achievement
1990 Salt Lake Chapter, American Association of University Women Award in recognition of Women's History Month
1986 National Earthquake Hazards Reduction Program, special award for implementation action
1983 Outstanding Young Women of America
1979 Utah Chapter, National Association of Social Workers, Legislator of the Year
1978 Utah State University, Jim Bridger Award for conservation
Listed in *Who's Who in America*; *Who's Who in American Politics*; *Who's Who in Science and Engineering*, and *Who's Who of American Women*.

PUBLICATIONS (relatively complete listing except for abstracts and recent presentations at conferences):

Atwood, M.G., 1972. Geology of the Minas de Oro quadrangle, Honduras, Central America, unpublished Masters thesis Wesleyan University, Middletown, CT, 88 p.

Atwood, M.G., G.S. Horne, and A.P. King, 1973. The Esquias Formation of Central Honduras: a redefinition, prepared for the IV Reunion de Geologos de America Central, Managua, Nicaragua, presented in Tegucigalpa, Honduras in 1976.

Atwood, G., 1973. Feasibility of returning underground coal mine waste to the mined-out areas, in *Need for National Policy for the Use of Underground Space*, proceedings of the Engineering Foundation Conference, June 25-29, 1973, American Society of Civil Engineers, p.181-185.

Horne, G.S., M.G. Atwood, and A.P. King, 1974. Stratigraphy, sedimentology and paleoenvironment of Esquias Formation of Honduras, *American Association of Petroleum Geologists Bulletin*, v. 58, no. 2, p. 176-188.

Atwood, M.G., 1974. The technical and economic feasibility of underground disposal systems, *Proceedings of the first symposium on mine and preparation plant refuse disposal*, Coal and the Environment Techniques Conference, Louisville, KY, p. 147-160.

Atwood, G., 1975. The strip-mining of western coal, *Scientific American*, v. 233, no. 6, p. 23-29.

Atwood, M.G., 1976. Mapa geologico de Minas de Oro, Honduras, Instituto Geografico Nacional Hoja 2760 III G, Tegucigalpa, scale 1:50,000.

Atwood, G., 1976. Surface and underground disposal of coal mine wastes, Part I, *Underground Space*, v. 1, p. 111-121.

Atwood, G., 1977. The geologic and hydrologic conditions at inactive uranium mill tailings sites, abstract, in Y.S. Kim (ed.) *Uranium Mining Technology*, proceedings of the First Conference on Uranium Mining Technology, Mackay School of

Mines, University of Nevada, Las Vegas, section xx.

Atwood, G., 1977. Surface and underground disposal of coal mine wastes, Part II, *Underground Space*, v. 1, p. 261-281.

Atwood, G., 1978. Getting into politics, *Harvard Political Review*, v. 6, no. 4, p. 28-29.

Atwood, G., 1979. The strip-mining of western coal, in *Energy: readings from Scientific American*, W.H. Freeman and Co., San Francisco, p. 55-61; and in *Energy and Environment: readings from Scientific American*, W.H. Freeman and Co., San Francisco, p. 157-163.

Atwood, G., 1980. Effective communications with state legislators, *Mining Congress Journal*, v. 66, no. 7, p. 25 & 57.

Currey, D.R., G. Atwood, and D.R. Mabey, 1984. Major levels of Great Salt Lake and Lake Bonneville, Utah Geological and Mineral Survey Map 73, scale 1:750,000.

Kockleman, W. and G. Atwood, 1984. Earthquake hazard information needed by planners and decisionmakers, introduction and special session, in W.W. Hays and P.L. Gori (ed.) *Proceedings of Conference XXVI: a workshop on "Evaluation of regional and urban earthquake hazards and risk in Utah"*, U.S. Geological Survey Open-File Report 84-763, p. 606-615.

Eldredge, S.N. and G. Atwood, 1985. UGMS involvement with Paradox Basin repository siting: a review of UGMS activities associated with the Department of Energy's efforts to evaluate areas within the Paradox Basin as suitable for a high level nuclear waste repository, Utah Geological and Mineral Survey Report of Investigation no. 202, 81 p.

Atwood, G., L. Tempest, G. Johnson, and J. Olson, 1987. Development and implementation of improved loss-reduction measures in Utah, in W.W. Hays and P.L. Gori (ed.) *Proceedings of Conference XXXVIII: a workshop on "Earthquake hazards along the Wasatch Front, Utah"*, U.S. Geological Survey Open-File Report 87-154 p. 87-94.

Atwood, G., and D.R. Mabey, 1988. Reducing earthquake risk in Utah: past trends and future opportunities, in P.L. Gori and W.W. Hays (ed.) *Assessment of regional earthquake hazards and risk along the Wasatch Front, Utah, v. III*, U.S. Geological Survey Open-File Report 88-680 v. III, p. S-1-38.

Currey, D.R., M.S. Berry, G.E. Douglass, J.A. Merola, S.B. Murchison, M.K. Ridd, G. Atwood, B.G. Bills, and J.R. Lambrechts, 1988. The highest Holocene stage of Great Salt Lake, Geological Society of America, Abstracts with Programs, v. 20, p. 411.

Atwood, G., M. Noonan, W.F. Case, and D.R. Mabey, 1988. Earthquake response strategies for UGMS and the earth-science community, Utah Geological and Mineral Survey Open-File Report 115, 33p.

Eldredge, S.N. and G. Atwood, 1989. Geologic issues involved in siting a high-level nuclear waste repository, Utah, Louisiana, Mississippi, Nevada, Texas, and Washington, in G.E. Cordy (ed.), *Geology and Hydrology of Hazardous-waste, Mining-waste, Waste-waters, and Repository sites in Utah*, symposium and field conference, Utah Geological Association Publication 17, p. 203-208.

Madsen, G.E., L.R. Anderson, J.H. Barnes, and G. Atwood, 1990. Public perceptions of the implementation of earthquake mitigation policies along the Wasatch Front in Utah, in P.L. Gori (ed.), *Assessment of regional earthquake hazards and risk along the Wasatch Front, Utah, v. IV*, U.S. Geological Survey Open-File Report 90-225, p. CC-1-17.

Arabasz, W.J. and G. Atwood, 1990. Introduction, background information, and perspectives, in W.J. Arabasz (ed.), *Earthquake Instrumentation for Utah*, report and recommendations of the Utah Policy Panel on Earthquake Instrumentation, Utah Geological and Mineral Survey Open-File Report 168, p. 1-19.

Doelling, H.H., G.C. Willis, M.E. Jensen, S. Hecker, W.F. Case, and J.S. Hand with contributions by F.D. Davis, R.H. Klauk, J.W. Gwynn, C.E. Bishop and G. Atwood, 1990. Geologic Map of Antelope Island, Davis County, Utah, 1990. Utah

Geological and Mineral Survey Map 127, scale 1:24,000, text 27 p.

Atwood, G., and W.W. Hays, 1991. Is Utah ready to take action to reduce its earthquake risk? in W.A. Arabasz (ed.), *A Guide to Reducing Losses From Future Earthquakes in Utah*, "Consensus Document", Utah Geological and Mineral Survey Miscellaneous Publication 91-1, p. 1-2.

Lund, W.R., G. E. Christenson, K.M. Harty, S. Hecker, G. Atwood, W.F. Case, H.E. Gill, J.W. Gwynn, R.H. Klauk, D.R. Mabey, W.E. Mulvey, D.A. Sprinkel, B.T. Tripp, B.D. Black, and C.V. Nelson, 1990. Geology of Salt Lake City, Utah, United States of America, *Bulletin of the Association of Engineering Geologists*, v. XXVII p. 391-478; also printed as Atwood, G., D.R. Mabey, and W.R. Lund, 1991. The Great Salt Lake; a hazardous neighbor, in W.R. Lund (ed.) *Engineering Geology of the Salt Lake City metropolitan area, Utah*, Utah Geological Survey Bulletin 126, p. 54-58.

Atwood, G., 1981-1989. From the Director's Corner, contributions to Utah Geological and Mineral Survey quarterly publication, Survey Notes:

1981, v. 15, no. 3 New director looks at UGMS
1981, v. 15, no. 4 The UGMS and Project BOLD
1982, v. 16, no. 1 Coal versus buffalo in the Henry Mountains
1982, v. 16, no. 2 Paradox Basin proposed nuclear waste repository
1982, v. 16, no. 3 UGMS Site Investigation Section
1982, v. 16, no. 4 Legislative update
1983, v. 17, no. 1 Utah Geological and Mineral Survey Board
1983, v. 17, no. 2 UGMS responds to disasters
1983, v. 17, no. 4 Preparing for the events of 1984
1984, v. 18, no. 1 Great Salt Lake... geologic hazard and resource
1984, v. 18, no. 2 UGMS needs sound geologic information
1984, v. 18, no. 3 Priorities for geologic investigations in Utah
1985, v. 18, no. 4 Earthquake hazard mitigation
1985, v. 19, no. 1 Who's mapping what in Utah
1985, v. 19, no. 2 UGMS and Governor Bangerter's "second E"
1985, v. 19, no. 3 Sand and gravel - a surprisingly scarce resource
1986, v. 20, no. 1 UGMS helps identify and mitigate geologic hazards
1986, v. 20, no. 2 How high will Great Salt Lake rise?
1986, v. 20, no. 3 The mining industry of Utah, role of the UGMS
1986, v. 20, no. 4 Two Utah geologists
1987, v. 21, no. 1 Lessons learned from the events of 1983-86
1987, v. 21, no. 2-3 COGEO MAP
1987, v. 21, no. 4 UGMS sample library
1988, v. 22, no. 1-2 Status of the UGMS, 1988
1988, v. 22, no. 3 Earthquake hazard - Wasatch Front
1988, v. 22, no. 4 Radon hazard
1989, v. 23, no. 1 UGMS geologic mapping program
1989, v. 23, no. 2 Final "from the director" contribution

Atwood, G., 1994. Geomorphology applied to flooding problems of closed-basin lakes... specifically Great Salt Lake, Utah, *Geomorphology*, v. 10, Geomorphology and Natural Hazards, 25th Binghamton Symposium in Geomorphology, p.197-219.

Atwood, G., 1994. Contributions: Geology of Utah; Lake Bonneville; Thistle; in AK Powell (ed.), *Utah History Encyclopedia*, University of Utah Press, Salt Lake City, UT. Available at: <http://www.media.utah.edu/UHE/UHEindex.html#gtitles>

Atwood, G. and D.R. Mabey, 1995. Flooding hazards associated with Great Salt Lake, in W.R. Lund, ed., *Environmental and Engineering Geology of the Wasatch Front*, Utah Geological Association Publication 24.

Chan, M.A., S. Halgedahl, G. Atwood, and P. Wilson, 1997, Women Who Walk Through Time, video produced by KUED Media

Solutions; sponsored by National Science Foundation grant to Chan, Halgedahl, and Wilson (HRD 96-25566).

- Milligan, M.R., D.R. Lemons, G. Atwood, and D.R. Currey, 1998, Modern lacustrine environments, Lake Bonneville – Great Salt Lake, Northern Utah, 1998 AAPG Annual Convention, SLC, Utah, Field Trip #3, May 14 – 16, 1998, 102 p.
- Atwood, G., and D.R. Mabey, 2000. Shorelines of Antelope Island as evidence of fluctuations of the level of Great Salt Lake, in J.K. King and G.C. Willis (ed.), *The Geology of Antelope Island, Davis County, Utah*, Utah Geological Survey Miscellaneous Publication 00-1, p. 85-97.
- Atwood, G. and T.J. Cova, 2000. Using GIS and linear referencing to analyze the 1980s shorelines of Great Salt Lake, Utah, USA, 4th International Conference on Integrating GIS and Environmental Modeling (GIS/EM4): problems, prospects, and research needs, Banff, Alberta, Canada, September 2 – 8, 2000.
- Atwood, G., 2002. Storm-related flooding hazards, coastal processes, and shoreline evidence of Great Salt Lake, in J.W. Gwynn (ed.) *Great Salt Lake: an overview of change*, DNR Special Publication, Utah Geological Survey, p. 43 – 53.
- Atwood, G. and M.A. Mabey, 2002. Linear referencing and GIS used to display multiple shoreline characteristics by reducing spatial complexity, abstract for poster session in GSA abstracts with programs, Science at the highest level, Denver 2002, #88-11.
- Chan, M.A., G. Atwood, and D.R. Currey, 2002. Geoantiquities: opportunities for urban geoscience education, abstract in GSA Abstracts with programs, Science at the highest level, Denver 2002, #40-5.
- Atwood, G., 2003. Columnar display of multiple attributes of linear features using ArcGIS, in ESRI 2003 User Conference Proceedings, paper presented at the 23rd Annual ESRI International User Conference, July 7-11, 2003, 29 p., <http://proceedings.esri.com/library/userconf/proc03/p0974.pdf>
- Atwood, G., A. Felton, and M.A. Chan, 2004. Teacher workshops using geoantiquities: case history of modern Great Salt Lake and Pleistocene Lake Bonneville shorelines, Utah, *Journal of Geoscience Education*, vol 52, no 5, p. 438-444
- Atwood, G., 2005. Lakes of the Bonneville Basin, abstract in GSA Abstracts with programs, Salt Lake City Annual Meeting, paper # 64-1, Pardee Invited Symposium, The Wasatch Range – Great Salt Lake Hydroclimatic System. Recording available: <http://gsa.confex.com/gsa/2005AM/recordingredirect.cgi/id/56>
- Atwood, G., 2005, Boulder beaches of Great Salt Lake, Utah, U.S.A.: evidence of lake elevation and shorezone processes, abstract in program of the American Society of Limnology and Oceanography, Aquatic Sciences Meeting, Salt Lake City.
- Atwood, G., and M.A. Chan, 2005. Great Salt Lake shorelines: geoantiquities of scientific and societal value, abstract in 2005 Annual Meeting Abstracts, The Association of American Geographers, p. 24.
- Godsey, H.S., G. Atwood, E. Lips, D.M. Miller, M. Milligan, and C.G. Oviatt, 2005. Don R. Currey Memorial Field Trip to the shores of Pleistocene Lake Bonneville, GSA Field Guide 6: Interior Western United States, Geological Society of America, vol 6, pp. 419-448.
- Atwood, G., 2006. Shoreline Superelevation: evidence of coastal processes of Great Salt Lake, University of Utah, doctoral dissertation, 231 p.
- Atwood, G., 2006. Shoreline Superelevation: evidence of coastal processes of Great Salt Lake, Utah Geological Survey, Miscellaneous Publication 06-9, CD, paper copy and digital data, http://ugspub.nr.utah.gov/publications/misc_pubs/Mp-06-9_Superelevation.pdf
- Atwood, G., 2006. Gunnison Bay: present terminus of the Great Salt Lake drainage basin and naturally low area of the Bonneville Basin, in KM Harty and DE Tabet (eds.) *Geology of Northwestern Utah*, UGA Guidebook 34.
- Atwood, G., 2008. Landforms of fetch-limited saline lakes as evidence of storm-wind direction and strength (abstract); in

Program of the 10th International Conference on Salt Lake Research and 2008 Friends of Great Salt Lake Issues Forum, University of Utah, Salt Lake City, UT, May 11-16, 2008.

Atwood, G., 2009. Landforms of fetch-limited saline lakes as evidence of storm-wind direction and strength, in *Resources and Environmental Issues*: Vol. 15, Article 13. Available at: <http://digitalcommons.usu.edu/nrei/vol15/iss1/13>,

Atwood, G., 2010, Environmental Impacts of Cities, in B. Warf, (ed.), *Encyclopedia of Geography*, Sage Publications, Inc, (incomplete citation).

CONTRIBUTIONS TO COMMITTEE REPORTS:

(SELECTED CONTRIBUTIONS)

National Academy of Sciences / National Academy of Engineering, 1973. *Man, Materials and Environment*; report of the Committee on Environmental Aspects of a National Materials Policy, MIT Press, Cambridge, MA, 236 p. (Atwood one of several staff officers.)

National Academy of Sciences / National Academy of Engineering, 1974. *Rehabilitation Potential of Western Coal Lands*, report of the Committee on the Potential for Rehabilitating Lands Surface Mined for Coal in the Western United States, a report to the Ford Foundation Energy Policy Project, Ballinger Press, Cambridge, MA, 198 p. (Atwood one of two staff officers.)

National Academy of Sciences / National Academy of Engineering, 1975. *Underground Disposal of Coal Mine Wastes*, report of the Committee to Assess the Feasibility of Returning Underground Coal Mine Wastes to the Mined-out Areas, a report to the National Science Foundation, Washington, DC, 172 p. (Atwood the senior staff officer.)

Joint Legislative Committee on Energy Policy, 1977. *Energy Policy Report*, a report submitted to the Governor and the Legislature of the State of Utah, 73 p. (Atwood on the drafting committee.)

Blue Ribbon Task Force on Criminal Justice, 1978. *Final Report of the Blue Ribbon Task Force on Criminal Justice*, submitted to the Governor and the 43rd Legislature of the State of Utah, 246 p. (Atwood co-chaired the committee.)

National Academy of Sciences / National Academy of Engineering, 1985. *Reducing losses from Landsliding in the United States*, report of the Committee on Ground Failure Hazards, National Academy Press, Washington, DC, 41 p. (Atwood served on the committee.)

Expert Review Committee of the National Earthquake Hazards Reduction Program, 1987. Commentary and recommendations, report to Federal Emergency Management Agency, 85 p. (Atwood served on the committee.)

Solid Earth-science Panel of the Energy Research Advisory Board, 1987. Geoscience Research for Energy Security, a report to the U.S. Department of Energy, 53 p. and appendices. (Atwood served on the committee.)

Great Salt Lake Scientific Review Committee, 1999. Evaluation of the scientific underpinnings of the May 1, 1999 Great Salt Lake Planning Document, a report to the Department of Natural Resources, State of Utah, 9 p. and appendices. (Atwood served on the committee.)

Atwood, G., 2009. Report of the ISSLR conference working session on lessons learned for setting agendas for Saline Lakes Research, *Natural Resources and Environmental Issues*: Vol. 15, Article 52. Available at: <http://digitalcommons.usu.edu/nrei/vol15/iss1/52>