

Dr. Barbara C. Farhar

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Publications

These are comprehensive lists, organized by topic.

More than 200 books, monographs, articles, reports, and papers.

Public Perceptions on Energy and Environmental Policy
Geothermal Energy
Energy Efficiency
Market Assessment for Solar Electric and Solar Thermal Systems
Zero-Energy Homes
Home Energy Rating Systems and Energy-Efficient Mortgages (HERS/EEMs)
Gender and Energy
Solar Energy (Photovoltaics [PV] and Solar Thermal)
Weather Modification
Other Publications
Publications Available via the web
Climate Change
Complete Current Listing

Weather Modification

- Farhar, Barbara C. and Colleen Fitzpatrick. 1990. *Weather Modification in Winter and Summer: A Comparative Study of Community Responses*. Hazards Assessment Laboratory, Ft. Collins, CO: Colorado State University, February, 155 pp.
- Farhar, Barbara C. and Colleen Fitzpatrick. 1989. *Snowpack Augmentation Research in the Sierra Nevada of California*. Hazards Assessment Laboratory, Ft. Collins, CO: Colorado State University, May, 65 pp.
- Farhar, Barbara C. and Colleen Fitzpatrick. 1989. *Snowpack Augmentation in the San Juan Mountains of Colorado*. Hazards Assessment Laboratory, Ft. Collins, CO: Colorado State University, May, 37 pp.
- Farhar, Barbara C. and Colleen Fitzpatrick. 1989. *North Dakota's History of Cloud Modification*. Hazards Assessment Laboratory, Ft. Collins, CO: Colorado State University, May, 70 pp.
- Farhar, Barbara C. and Colleen Fitzpatrick. 1989. *The History of Weather Modification in South Dakota, 1951-1988*. Hazards Assessment Laboratory, Ft. Collins, CO: Colorado State University, May, 62 pp.
- Farhar-Pilgrim, Barbara. 1985. "Social Analysis." *Climate Impact Assessment: Studies of the Interaction of Climate and Society*. R.W. Kates, J.H. Ausubel and M. Berberian (Eds.), London: John Wiley and Sons, pp. 323-350.
- Farhar, Barbara C., Jack A. Clark, Lynn Sherretz, Sigmund Krane, and Jerry Horton. 1979. *Social Impacts of the St. Louis Urban Weather Anomaly*. Boulder: Institute of Behavioral Science, University of Colorado, March, 76 pp.
- Farhar, Barbara C., Grant Johnson, Jack A. Clark, Julia Mewes, Ronald Rinkle, and Susan Shoulders. 1978. *Technology and Society: Weather Modification in South Dakota*. Boulder: Institute of Behavioral Science, University of Colorado, December, 488 pp.
- Farhar, Barbara C. and Jack A. Clark. 1978. *Can We Modify the Weather? A Survey of Experts*. Boulder: Institute of Behavioral Science, University of Colorado, December, 89 pp.

- Farhar, Barbara C. 1978. *Annotated Bibliography on the Social Aspects of Weather Modification*. Boulder: Institute of Behavioral Science, University of Colorado, December, 46 pp.
- Farhar, Barbara C. 1978. "What Does Weather Modification Need? A Societal View." *J. Applied Met.*, 17: 878-888, June.
- Sherretz, Lynn and Barbara C. Farhar. 1978. "An Analysis of the Relationship between Rainfall and the Occurrence of Traffic Accidents." *J. Applied Met.*, 17:711-715, May.
- Changnon, Jr., Stanley A., Barbara C. Farhar, and Earl Swanson. 1978. "Hail Suppression and Society." *Science*, 200:387-394, April 28.
- Farhar, Barbara C. 1977. "Social Implications of Weather Modification." *Legal and Scientific Uncertainties of Weather Modification*, William A. Thomas (Ed.), Durham: Duke University Press, pp. 114-118.
- Farhar, Barbara C. (Ed.) 1977. *Hail Suppression: Society and Environment*. Monograph #24, Boulder: Institute of Behavioral Science, University of Colorado, 293 pp.
- Farhar, Barbara C. 1977. "The Public Decides About Weather Modification." *Environment and Behavior*, 9: 279-310, September.
- Farhar, Barbara C., Stanley A. Changnon, Jr., Earl R. Swanson, Ray J. Davis, and J. Eugene Haas. 1977. *Hail Suppression and Society, Summary of Technology Assessment of Hail Suppression*. Urbana: Illinois State Water Survey, June.
- Farhar, Barbara C. and Stanley A. Changnon, Jr., et al. 1977. *Hail Suppression: Impacts and Issues*. Final Report, Technology Assessment of the Suppression of Hail, Urbana: Illinois State Water Survey, April, 428 pp.
- Farhar, Barbara C. and Ronald Rinkle. 1977. *A Societal Assessment of the Proposed Sierra Snowpack Augmentation Project*. Final report to the U.S. Bureau of Reclamation, Boulder: Human Ecology Research Services, Inc., January, 148 pp.
- Farhar, Barbara C. and Ronald Rinkle. 1976. "Community Response to Proposed Snowpack Augmentation in the Sierra Nevada Mountains." *Journal of Weather Modification*, 9:154-192, April.
- Farhar, Barbara C. 1976. "Hail As Sudden Disaster: Public Response to Hail Suppression Activity." *Mass Emergencies*, Special Issue "Environmental Stress: Threat and Response in Various Social Systems," 1:313-321.
- Farhar, Barbara C. and Julia Mewes. 1976. *Social Acceptance of Weather Modification: The Emergent South Dakota Controversy*. Boulder: Institute of Behavioral Science Monograph #23, University of Colorado, 194 pp.
- Farhar, Barbara C. 1976. "Weather Modification Goes Public." *Journal of Weather Modification*, 8:64-76, September.
- Farhar, Barbara C. 1976. "Impact of the Rapid City Flood on Public Opinion About Weather Modification." *Pacific Sociological Review*, 19:117-144, January.
- Farhar, Barbara C. 1975. "Anticipated Social Effects of the Sierra Project: A Preliminary Assessment." *Proceedings of the Special Regional Weather Modification Conference, Augmentation of Winter Orographic Precipitation in the Western United States*, San Francisco, CA, American Meteorological Society, November 11-13, pp. 194-200.
- Farhar, Barbara C. 1975. "Weather Modification and Agriculture: A Sociological View." *An Assessment of the Present and Potential Role of Weather Modification in Agricultural Production*, Colorado State University Atmospheric Paper No. 236, August, pp. 216-227.
- Farhar, Barbara C. and Julia Mewes. 1975. "Weather Modification Decision-Making: State Law and Public Response." Invited paper presented to the American Meteorological Society Meeting, 4th Conference on Weather Modification, Fort Lauderdale, FL, November 18-21, 1974, and *Journal of Applied Meteorology*, 14:694-701, August.
- Farhar, Barbara C. 1975. "Weather Modification and Public Opinion in South Dakota, 1972 and 1973." Paper presented to the American Meteorological Society Meeting, 4th Conference on Weather Modification, Fort Lauderdale, FL (November 18-21, 1974), and *Journal of Applied Meteorology*, 14:702-709, August.

- Farhar, Barbara C. 1975. "Weather Modification and Public Opinion in South Dakota, Preliminary Findings 1974." *Journal of Weather Modification*, 7:145-153, April.
- Farhar, Barbara C. and Julia Mewes. 1974. "Public Response to Proposed Snowpack Augmentation in the Sierra Nevada." *A Summary of the Initial Public Involvement Meetings, Correspondence and Public Response to a Proposed Research Program for Snow Augmentation in the Sierra Nevada California*, Division of Atmospheric Water Resources Management, Bureau of Reclamation, U.S. Department of the Interior, December, pp. 5-36.
- Farhar, Barbara C. 1974. "The Impact of the Rapid City Flood on Public Opinion About Weather Modification." *Bulletin of the American Meteorological Society*, 55:759-764, July.
- Farhar, Barbara C. and Julia Mewes. 1974. *Weather Modification and Public Opinion: South Dakota, 1973*. Second Interim Report, March 1, 90 pp.
- Farhar, Barbara C. and Sigmund Krane. 1973. *Weather Modification and Public Opinion: South Dakota, 1972*. Interim Report, July, 157 pp.
- Farhar, Barbara C. 1973. "The Relationship of Socio-Demographic Characteristics and Attitudes Toward Weather Modification: The South Dakota Study, 1972." *Journal of Weather Modification*, 5:261-276, June.
- Farhar, Barbara C. 1972. "Community Response to Juvenile Court Innovation: Court-Agency Conflicts." *Journal of Volunteers with Delinquents*, 1:33_46.

Presentations

- Farhar, Barbara C. 1989. "Winter and Summer Weather Modification, a Comparative Longitudinal Study of Community Responses." Presentation at the Weather Modification Association Annual Meeting, Park City, UT, May 18.
- Changnon, Jr., Stanley A., Ray J. Davis, Barbara C. Farhar, J. Eugene Haas, and Earl R. Swanson. 1977. "A Technology Assessment of Hail Suppression in the United States." Paper presented at the American Meteorological Society Weather Modification Conference, Urbana, IL.
- Farhar, Barbara C., Ronald Rinkle, and Grant Johnson. 1977. "Cloud Seeding in California: Risk, Control and Citizen Response." Paper presented at the Pacific Sociological Association Annual Meeting, Sacramento, CA, April 20.
- Farhar, Barbara C. 1977. "The Societal Implications of Weather Modification: A Review of Issues toward A National Policy." Issue paper prepared for the National Oceanic and Atmospheric Administration, Department of Commerce, March 1.
- Farhar, Barbara C. and Jack Clark. 1977. "Social Structural Correlates of Scientific Judgment in Weather Modification." Paper presented at American Sociological Association Meetings, Chicago, IL.
- Farhar, Barbara C. 1976. "Where Have We Come From?" Invited paper presented as Working Group Leader, Vail Conference, Vail, CO, November 8.
- Farhar, Barbara C. 1976. "Estimating Future Adoption of Hail Suppression." Paper presented at the Annual Meeting of the Weather Modification Association, Rapid City, SD, October 7.
- Haas, J. Eugene, Stanley A. Changnon, Jr., Ray J. Davis, Barbara C. Farhar, and Earl Swanson. 1976. "Impact Assessment of Future Hail Suppression Technologies in the U.S." Paper presented at the Second World Meteorological Organization Scientific Conference on Weather Modification, Boulder, CO, August 2-6.
- Farhar, Barbara C. 1976. "Collective Innovation Decisions: The Emergent South Dakota Controversy Over Weather Modification." Paper presented at the 40th Annual Meeting of the Midwest Sociological Society, St. Louis, MO, April 21-24.
- Farhar, Barbara C. 1976. "Public Reaction to Weather Modification." Invited presentation, National Science Foundation Weather Modification Advisory Panel Meeting, Boulder, CO, July 13-15.

- Farhar, Barbara C. 1974. "Public Acceptance of Weather Modification in South Dakota." Invited paper presented to Annual Convention of County Commissioners of South Dakota, Deadwood, SD, September 18.
- Farhar, Barbara C. 1974. "Factors Affecting Public Response to Weather Modification Programs in the United States." Invited paper presented to the Governor's Conference on Weather Modification in the United States: Potential and Problems for Interstate Action, Sioux Falls, SD, June 10-12.
- Farhar, Barbara C. 1974. "Cloud Seeding and the Rapid City Flood." Paper presented at the 38th Annual Meeting of the Midwest Sociological Society, Omaha, NE, April 4-6.
- Haas, J. Eugene, Barbara C. Farhar, and Dennis S. Mileti. 1974. "Value and Role Issues for the Involved Social Scientist: The Case of Weather Modification." Paper presented at Sociology of Science Session, 1974 Annual Convention of Pacific Sociological Association, San Jose, CA, March 28-30.
- Haas, J. Eugene, Barbara C. Farhar, and Sigmund Krane. 1973. "The People Speak: A Sociological Perspective on Weather Modification." Invited paper presented at Symposium on Legal-Political-Social-Economic Aspects of Climate and Weather Modification, Center for the Study of Democratic Institutions, Santa Barbara, CA, November 15-16.
- Farhar, Barbara C. 1973. "Cloud Seeding and the Rapid City Flood: The Response of South Dakotans, 1972." Paper presented at Fall Meeting of Weather Modification Association, Champaign, IL, September 13-14.
- Haas, J. Eugene, Barbara C. Farhar, and Sigmund Krane. 1973. "General Observations of the Social Impact of Weather Modification and Findings from the South Dakota Weather Modification Program, 1972." Invited paper presented to Study Group on the Societal Consequences of Weather Modification, La Jolla, CA, July 27-28.
- Farhar, Barbara C., and Julia Mewes. 1975. "Public Response to Proposed Snowpack Augmentation in the Sierra Nevada." Paper presented at the 43rd Annual Meeting of Western Snow Conference, San Diego, April 24.
- Farhar, Barbara C. 1973. "Sociologists and Social Policy: Some Notes." Discussion paper for session entitled "Problems and Opportunities in Policy-Oriented Research," Midwest Sociological Society Annual Meeting, Milwaukee, WI, April 25-28.
- Farhar, Barbara C. 1973. "Agency-Aged Interaction." Paper presented to Midwest Council for Social Research in Aging, Winter Seminar, Kansas City, MO, January 10-13.
- Farhar, Barbara C. 1972. "Problems of the Elderly." Paper presented to Study Group, Mountain View Methodist Church, Boulder, CO, October 17.
- Farhar, Barbara C. 1972. "Extension: Past and Future." Paper presented to Midwest Council for Social Research in Aging, Fall Seminar, Kansas City, MO, September 11-14.

Updated: Monday, 05-Mar-2007 20:28:24 PST