

PETER H. GLEICK

Pacific Institute for Studies in
Development, Environment, and Security
654 13TH Street, Preservation Park
Oakland, California 94612
510 251-1600; 510 251-2203 (telefax); pgleick@pipeline.com

1633 Posen Avenue
Berkeley, California 94707
510 528-4204

EDUCATION

Doctorate (PhD) University of California, Berkeley, Energy and Resources, 1986.
Master of Science (MS) University of California, Berkeley, Energy and Resources, 1980.
Bachelor of Science (BS) Yale University, in Engineering and Applied Science, 1978.

PROFESSIONAL EMPLOYMENT

Pacific Institute for Studies in Development, Environment, and Security. Co-Founder and President. 1987-present
MacArthur Foundation Research and Writing Fellowship. Fellowship in International Peace and Security. 1988-1990.
MacArthur Foundation Fellow in International Security. Social Science Research Council/MacArthur Foundation. Post-doctoral position at the Energy and Resources Group, University of California, Berkeley. 1986-1988.
University of California, Berkeley. Research Associate in the Energy and Resources Group. 1983-1986.
Office of the Governor of California. Deputy Assistant for Energy and Environment. 1980-1982.
University of California and Lawrence Berkeley Laboratory. Energy and Resources Group, Research and Teaching Associate. 1980-1981.
Ecology Research Group Assistant, Energy and Environment Division. 1978-1980.

HONORS, AWARDS, FELLOWSHIPS

- MacArthur Fellowship. October 2003
- Elected to Phi Beta Delta: Honor Society for scholarly achievement in international education. April 2003.
- Appointed to Water Science and Technology Board, National Academy of Sciences, Washington. June 2001.
- Named by the BBC as a "visionary on the environment" in its Essential Guide to the 21st Century.
- Elected Academician of the International Water Academy, Oslo, Norway. October 1999.
- MacArthur Foundation Research and Writing Fellowship. 1988-1990.
- Social Science Research Council-MacArthur Foundation Post-Doctoral Fellow in International Peace and Security Studies, June 1986 to June 1988.
- San Francisco Chronicle, one of "90 People to Watch in the '90s."
- *Cum laude*, Yale University 1978; *Distinction*, Engineering and Applied Science

PUBLIC AND PROFESSIONAL SERVICE (Current)

- Water Science and Technology Board, National Academy of Sciences, 2001-present.
- Project Steering Committee: IUCN (World Conservation Union): Water Demand Management in Southern Africa, 2000-present.
- Public Advisory Committee: California Water Plan 2003. Department of Water Resources, 2001-present
- Board of Directors: Pacific Institute for Studies in Development, Environment, and Security, 1988-present.
- Editorial Board, Annual Reviews of Energy and the Environment, 2001-2006
- Editorial Board, Climatic Change, 1990-present.
- Editorial Board, Encyclopedia of Life Support Systems, 1997-present
- Editorial Board, Water Policy, 1997-present
- Editorial Board: Global Change and Human Health, 1999-present

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PUBLIC AND PROFESSIONAL SERVICE (Past)

- Co-Chair: Water Sector: National Assessment of the Potential Impacts of Climatic Variability and Change on the United States, 1998-2000.
- Board of Directors: International Water Resources Association, 1997-2000.
- Global Environmental Change Committee, American Geophysical Union, 1993-1998.
- Public Advisory Forum: American Water Works Association, 1993-1998.
- 1990 Water Task Group, Second World Climate Conference, Geneva, Switzerland.
- Advisor, Comprehensive Freshwater Assessment, Stockholm Environment Institute, 1996-1997.
- Advisory Board: documentary film *Cadillac Desert* 1995-1997
- Advisory Committee: Climate Institute's Environmental Refugee Program, 1993-1995.
- Board of Directors: Environmental Science and Policy Institute, 1991-1997.
- Climate and Water Panel, American Association for the Advancement of Science, 1986-1990.
- Co-Chair, Working Group 2, Advisory Group on Greenhouse Gases (AGGG), WMO/UNEP, 1989-91.
- Committee on Science & International Security, American Association for the Advancement of Science, 1993-95.
- Editorial Board, Environment and Security, 1993-2001.
- Editorial Board, Encyclopedia of Global Change (Oxford University Press), 1996-2000.
- Interim Board of Directors: Middle East Water Information Network, 1994-1996
- Scientific Review Group, President's Council on Sustainable Development, 1994-1996.
- Surface Water Committee, American Geophysical Union, 1992-1993.
- Working Group VIII Special Report, United States-Soviet Agreement on Protection of the Environment, 1989-90.

A full publications list is available upon request.

PUBLICATIONS FOR PETER H. GLEICK (AS OF 2/1/01)

BOOKS

- Gleick, P.H. (ed.) 1993. Water in Crisis: A Guide to the World's Fresh Water Resources. Oxford University Press, New York.
- Gleick, P.H. 1998. The World's Water 1998-1999: The Biennial Report on Freshwater Resources. Island Press, Washington, D.C. [Chinese edition published in Beijing, 2001]
- Gleick, P.H. 2000. The World's Water 2000-2001: The Biennial Report on Freshwater Resources. Island Press, Washington, D.C.
- Gleick, P.H. et al. 2002. The World's Water 2002-2003: The Biennial Report on Freshwater Resources. Island Press, Washington, D.C.

PEER-REVIEWED JOURNAL ARTICLES

- Gleick, P.H. 1977. "The power of nuclear fusion." Yale Scientific. Volume 51. No. 5. pp. 41-45.
- Gleick, P.H. 1981. "Health and safety effects of coal transportation: Reassessing the risks." Energy: The International Journal. Vol. 6, No. 7, pp. 611-620.
- Gleick, P.H. and Holdren, J.P. 1981. "Assessing environmental risks of energy." American Journal of Public Health. Vol. 71, No. 9. pp. 1046-1050.
- Gleick, P.H. 1986. "Methods for evaluating the regional hydrologic impacts of global climatic changes." Journal of Hydrology. Vol. 88, pp. 97-116.
- Gleick, P.H. 1987a. "The development and testing of a water-balance model for climate impact assessment: Modeling the Sacramento Basin." Water Resources Research. Vol. 23, No. 6, pp. 1049-1061.
- Gleick, P.H. 1987b. "Regional hydrologic consequences of increases in atmospheric carbon dioxide and other trace gases." Climatic Change. Vol. 10, No. 2, pp. 137-161.
- Gleick, P.H. 1988a. "The effects of future climatic changes on international water resources: The Colorado River, The United States, and Mexico." Policy Science. Vol. 21, pp. 23-39.
- Gleick, P.H. 1988b. "The United States-Soviet 'Greenhouse/Glasnost' teleconference." Ambio. Vol. 17, No. 4, pp. 297-298.
- Gleick, P.H. 1989a. "Greenhouse warming and international politics: Problems facing developing countries." Ambio. Vol. 18, No. 6, pp. 333-339.
- Gleick, P.H. 1989b. "Climate changes and the Western United States: Impacts and responses." APCA Technical Paper 89-148.1. AWMA/APCA Annual Meeting, June 25-30, Anaheim, California.
- Gleick, P.H. 1989c. "The implications of global climatic changes for international security." Climatic Change Vol. 15, No. 1/2, pp. 309-325.
- Gleick, P.H. 1989d. "Climate change, hydrology, and water resources." Review of Geophysics. Vol. 27, No. 3. pp. 329-344.
- Gleick, P.H. 1990. "Global climatic changes: A summary of regional hydrologic impacts." Civil Engineering Practice. Vol. 5, No. 1, pp. 53-68.
- Gleick, P.H. 1990. "Global climatic change and international security," Colorado Journal of International Environmental Law and Policy. Vol. 1, No. 1, pp. 41-56.

- Gleick, P.H. 1991a. "The vulnerability of runoff in the Nile basin to climatic changes." The Environmental Professional, Vol 13, pp. 66-73.
- Gleick, P.H. 1991b. "Environment and security: The clear connections." Bulletin of the Atomic Scientists, Vol. 47, No. 3, pp. 16-21.
- Nash, L.L. and P.H. Gleick. 1991. "The sensitivity of streamflow in the Colorado Basin to climatic changes." Journal of Hydrology Vol. 125, pp. 221-241.
- Gleick, P.H. 1992. "Environmental consequences of hydroelectric development: The role of facility size and type." Energy: The International Journal Vol. 17, No. 8. Pergamon Press, Ltd., Great Britain, pp. 735-747.
- Gleick, P.H. 1993. "Water and conflict." International Security Vol. 18, No. 1, pp. 79-112 (Summer 1993).
- Gleick, P.H. 1993. "Water resources: A long-range global evaluation." Ecology Law Quarterly Vol. 20, No. 1, pp. 141-149.
- Gleick, P.H. 1994. "Water, war, and peace in the Middle East." Environment Vol. 36, No. 3, pp.6-on. Heldref Publishers, Washington.
- Gleick, P.H. 1994. "Water and energy." Annual Review of Energy and Environment Vol. 19, pp. 267-299, Annual Reviews, Inc. Palo Alto, California.
- Gleick, P.H., A. Rango, K. Cooley. 1994. "Evaluating climate change impacts in snowmelt basins." EOS, Transactions, American Geophysical Union, Vol. 75, No. 9, p. 107.
- Gleick, P.H. 1996. "Basic water requirements for human activities: Meeting basic needs." Water International Vol. 21, No. 2, pp. 83-92.
- American Water Works Association. 1997. Climate change and water resources. Journal of the American Water Works Association, Vol. 89, No. 11, pp. 107-110 (report of the Public Affairs Forum, by Gleick and others).
- Gleick, P.H. 1998. "Water in crisis: Paths to sustainable water use." Ecological Applications Vol. 8, No. 3, pp. 571-579.
- Gleick, P.H. 1999. "The human right to water." Water Policy, Vol. 1, pp. 487-503.
- Gleick, P.H. and E.L. Chalecki. 1999. "The impacts of climatic changes for water resources of the Colorado and Sacramento-San Joaquin river basins." Journal of the American Water Resources Association, Vol. 35, No. 6, pp.
- Chalecki, E.L. and P.H. Gleick. 1999. "A framework of ordered climate effects on water resources: A comprehensive bibliography." Journal of the American Water Resources Association, Vol. 35, No. 6, pp.
- Gleick, P.H. 2000. "The changing water paradigm: A look at twenty-first century water resources development." Water International, Vol. 25, No. 1, pp. 127-138.
- Wong, A.K. and P.H. Gleick. 2000. "Overview to water recycling in California: Success stories." Environmental Management and Health, Vol. 11, No. 3, pp. 216-238.
- Gleick, P.H. 2001. "Making Every Drop Count." Scientific American, February, pp. 28-33.
- Martindale, D. and P.H. Gleick. 2001. "How We Can Do It." Scientific American, February, pp. 38-41.
- Gleick, P.H. 2001. "Global Water: Threats and Challenges Facing the United States. Issues for the New U.S. Administration." Environment, Vol. 43, No. 2, pp. 18-26.
- Gleick, P.H. 2002. "Soft water paths." Nature, Vol. 418, pp. 373. 25 July 2002.
- Gleick, P.H. 2002. "Is the Skeptic All Wet?" Environment, Vol. 44, No. 6, pp. 36-40.

Baron, J.S., N. LeRoy Poff, P.L. Angermeier, C.N. Dahm, P.H. Gleick, N.G. Hairston Jr., R.B. Jackson, C.A. Johnston, B.D. Richter, and A.D. Steinman. 2002. "Meeting ecological and societal needs for freshwater." Ecological Applications, Vol. 12, No. 5, pp. 1247-1260.

Baron, J.S., N. LeRoy Poff, P.L. Angermeier, C.N. Dahm, P.H. Gleick, N.G. Hairston Jr., R.B. Jackson, C.A. Johnston, B.D. Richter, and A.D. Steinman. 2003. "Sustaining Healthy Freshwater Ecosystems." Issues in Ecology, No. 10, Winter 2003, Ecological Society of America.

PEER-REVIEWED REPORTS, BOOK CHAPTERS, AND PROCEEDINGS

Gleick, P.H. 1981. "Lakes and microcosms: Extending microcosm data to aquatic ecosystems." In Working Papers for the Committee to Review Methods in Ecotoxicology. Environmental Studies Board, National Academy of Sciences, Washington D.C.

Holdren, J.P., Anderson, K., Deibler, P.M., Gleick, P.H., Mintzer, I., Morris, G. 1983. "Health and safety aspects of renewable, geothermal, and fusion energy systems." In C.C. Travis and E.L. Etnier (eds.) Health Risks of Energy Technologies. American Association for the Advancement of Science. (Westview Press, Inc., Boulder, Colorado.)

Gleick, P.H. 1985. "Regional hydrologic impacts of global climatic changes." Proceedings of an International Research and Development Conference, Arid Lands: Today and Tomorrow. (E.E. Whitehead, C.F. Hutchinson, B.N. Timmermann, and R.G. Varady, editors). October 20-25, 1985. University of Arizona, Office of Arid Lands Studies, Tucson, Arizona. pp.43-60.

Gleick, P.H. 1986. "Regional water resources and global climatic change: The state-of-the-art." In J.G. Titus (editor), Effects of Changes in Stratospheric Ozone and Global Climate: Volume 3: Climate Change. United States Environmental Protection Agency/United Nations Environment Programme. (October)

Gleick, P.H. 1987. "Global climatic changes and regional hydrology: Impacts and responses." In The Influence of Climate Change and Climatic Variability on the Hydrologic Regime and Water Resources. Proceedings of the Vancouver Symposium, August 1987. International Association of Hydrologic Sciences (IAHS) Publ. No. 168. pp. 389-402.

Gleick, P.H. 1988. "Climate change and California: Past, present, and future vulnerabilities." In M.H. Glantz, (editor), Societal Responses to Regional Climate Change: Forecasting by Analogy. (Westview Press, Inc., Boulder, Colorado.) pp. 307-327.

Gleick, P.H. 1989. "Global climatic changes and geopolitics: Pressures on developed and developing countries." In Berger, A., Schneider, S. and J.Cl. Duplessy (editors), Climate and Geo-Sciences: A Challenge for Science and Society in the 21st Century. (D. Reidel Press, Dordrecht, The Netherlands.) pp. 603-621.

Gleick, P.H. 1989. "Global climatic change, water resources, and food security." In Climate and Food Security. International Rice Research Institute, Manila, and American Association for the Advancement of Science, Washington. pp. 415-427. (Proceedings of the International Symposium on Climate and Food Security, New Delhi, India. February 6-9, 1987.)

Frederick, K. and P.H. Gleick. 1989. "Water resources and climate change." In Rosenberg, N.J., Easterling W.E., Crosson, P.R., and J. Darmstadter (editors), Greenhouse Warming: Abatement and Adaptation, the Proceedings of a Workshop held by Resources for the Future, June 1988. pp. 133-143.

Gleick, P.H. 1990a. "Vulnerabilities of water systems." In P. Waggoner (ed.) Climate Change and U.S. Water Resources. (J. Wiley and Sons, Inc., New York.) pp. 223-240.

Gleick, P.H. 1990b. "Climate changes, international rivers, and international security: The Nile and the Colorado." In Greenhouse Glasnost. (Ecco Press, New York.) pp. 147-165.

Gleick, P.H. 1990c. "Environment, resources, and international security and politics." In E. Arnett (ed.) Science and International Security: Responding to a Changing World. American Association for the Advancement of Science Press, Washington, D.C. pp. 501-523.

- Gleick, P.H., C. Rosenzweig, G.V. Menzhulin, I.A. Shiklamanov. 1990. "Climatic change impacts on water resources and agriculture." In M.C. McCracken and M.I. Budyko (editors) Prospects for Future Climate. Working Group VIII, U.S./U.S.S.R. Agreement on Protection of the Environment. Lewis Publishers, Inc. Boca Raton, Florida. pp. 185-223.
- Gleick, P.H. and W. Sassin. 1990. "Rates and limits of temperature, precipitation, and sea-level changes." In F.R. Rijsberman and R.J. Swart (editors) Targets and Indicators of Climatic Change. Report of the Advisory Group on Greenhouse Gases (AGGG), Stockholm Environment Institute, Stockholm. pp. 41-59.
- Mearns, L., P.H. Gleick, and S.H. Schneider. 1990. "Climate forecasting." In P. Waggoner (ed.) Climate Change and U.S. Water Resources. J. Wiley and Sons, Inc., New York. pp. 87-137.
- Schneider, S.H., P.H. Gleick, and L. Mearns. 1990. "Prospects for climate change." In P. Waggoner (ed.) Climate Change and U.S. Water Resources. J. Wiley and Sons, Inc., New York. pp. 41-73.
- Gleick, P.H. 1992. "Effects of climate change on shared fresh water resources." In I.M. Mintzer (ed.) Confronting Climate Change: Risks, Implications and Responses. Cambridge University Press, Cambridge. pp. 127-140
- Gleick, P.H. 1992. "How will climatic changes and strategies for the control of greenhouse-gas emissions influence international peace and global security?" In G.I. Pearman (ed.) Limiting the Greenhouse Effect: Options for Controlling Atmospheric CO₂ Accumulation. John Wiley and Sons, Ltd. New York. pp. 561-572.
- Gleick, P.H. 1992. Water and Conflict. Occasional Paper No. 1, for the Project on Environmental Change and Acute Conflict of the American Academy of Arts and Sciences, Cambridge, Massachusetts, and the University of Toronto (September).
- Schneider, S.H., L. Mearns, P.H. Gleick. 1992. "Climate-change scenarios for impact assessment," in R.L. Peters and T.E. Lovejoy (eds.) Global Warming and Biological Diversity. Yale University Press, New Haven. pp. 38-55
- Nash, L. and P. Gleick. 1993. The Colorado River Basin and Climatic Change: The Sensitivity of Streamflow and Water Supply to Variations in Temperature and Precipitation. U.S. Environmental Protection Agency, EPA230-R-93-009, Washington, D.C. 121 pp.
- Gleick, P.H. 1994. "Reducing the risks of conflict over fresh water resources in the Middle East, in J. Isaac and H. Shuval (eds.) Water and Peace in the Middle East. Elsevier Publishers, the Netherlands. pp. 41-54.
- Gleick, P.H. 1995. "Human population and water: To the limits in the 21st Century." American Association for the Advancement of Science Symposium: Human Population and Water, Fisheries, and Coastal Areas: Science and Policy Issues. Washington, D.C.
- Gleick, P.H. 1995. "Reducing the risks of water-related conflict in the Middle East." In S.L. Spiegel and D.J. Pervin (eds.) Practical Peacemaking in the Middle East. Volume II: The Environment, Water, Refugees, and Economic Cooperation and Development. Garland Publishing, Inc., New York. pp. 99-116.
- Gleick, P., Loh, P., Gomez, S., and Morrison, J. 1995. California Water 2020: A Sustainable Vision. Pacific Institute Report, Pacific Institute for Studies in Development, Environment, and Security. Oakland, California.
- Gleick, P.H. 1996. "Fresh water." In J.J. Wharton (ed.) Earth Observations and Global Change Decision Making, Environmental Research Institute of Michigan, Ann Arbor, Michigan. Pp. 71-80.
- Morrison, J., P. Gleick, P. Loh, and S. Gomez. 1996. "Sustainable water management in California: Three trends toward success." In Managing Water Resources for Large Cities and Towns. The Report of the Beijing Water Conference, United Nations Center for Human Settlements. Pp. 292-305.
- Gleick, P.H. 1996. "Fresh Water: A Source of Conflict or Cooperation? A Survey of Present Developments." In G. Bächler and K.R. Spillmann (eds.) Kriegsursache Umweltzerstörung. Environmental Degradation as a Cause of War, Volume III. Verlag Rüegger AG, Zurich. Pp. 1-26.

Morrison, J., S. Postel, and P. Gleick, 1996. "The sustainable use of water in the Lower Colorado River Basin." Pacific Institute for Studies in Development, Environment, and Security, Oakland, California.

Gleick, P.H. 1997. "Water and Conflict in the Twenty-first Century: The Middle East and California." In D.D. Parker and Y. Tsur (eds.) Decentralization and Coordination of Water Resource Management, Kluwer Academic Publishers, Massachusetts. Pp. 411-428.

Raskin, P., P.H. Gleick, P. Kirshen, R.G. Pontius, Jr., and K. Strzepek. 1997. "Water futures: Assessment of Long-range patterns and problems." Comprehensive Assessment of the Freshwater Resources of the World, Stockholm Environment Institute, for the United Nations.

Gleick, P.H. 1997. "Human population and water: Meeting basic needs in the 21st century." In R.K. Pachauri and L.F. Qureshy (editors) Population, Environment, and Development. Tata Energy Research Institute (TERI), New Delhi, India, pp. 105-121.

Lundqvist, J. and P.H. Gleick. 1997. "Sustaining our waters into the 21st century." Comprehensive Assessment of the Freshwater Resources of the World, Stockholm Environment Institute, for the United Nations. Stockholm, Sweden.

W.B. Meyer, W.N. Adger, K. Brown, D. Graetz, P. Gleick, J.F. Richards, and A. Maghalaes. 1998. "Land and water use." In S. Rayner and E.L. Malone (editors) Human Choice and Climate Change: Volume 2, Resources and Technology. Battelle Press, Columbus, Ohio, pp. 79-144.

Gleick, P.H. 1998. "Water in southern Africa and the Middle East." In B.R. Allenby, T.J. Gilmartin, and R.F. Lehman II (editors) Environmental Threats and National Security. Proceedings from the Workshop in Monterey, California December 1996. Lawrence Livermore National Laboratory, Center for Global Security Research, UCRL-ID-129655. University of California. Pp. 189-204.

Gleick, P.H. 1998. "Water scarcity and conflict." In Alan Dupont (editor) The Environment and Security: What are the Linkages? Canberra Papers on Strategy and Defence, No. 125, Australian National University, Canberra, Australia, pp. 35-43.

Owens-Viani, L., A.K. Wong, and P.H. Gleick (editors). 1999. Sustainable Use of Water: California Success Stories. Pacific Institute for Studies in Development, Environment, and Security, Oakland, California.

Frederick, K.D. and P.H. Gleick. 1999. Water and Global Climate Change: Potential Impacts on U.S. Water Resources. Pew Center on Global Climate Change. Washington, D.C.

Gleick, P.H. 2000. "Coping with the global fresh water dilemma: The state, market forces, and global governance." In Pamela S. Chasek (editor). The Global Environment in the Twenty-First Century: Prospects for International Cooperation. United Nations University Press, Tokyo, Japan, pp. 204-222.

Gleick, P.H. 2000. "Fresh water in the twenty-first century: A sustainable vision." In V.I. Keilis-Borok and M. Sanchez Sorondo (editors). Science for Survival and Sustainable Development, Proceedings of the Pontifical Academy of Sciences, 12-16 March 1999. Vatican City, pp. 63-81.

Gleick, P.H. et al. 2000. Water: The Potential Consequences of Climate Variability and Change. A Report of the National Water Assessment Group, U.S. Global Change Research Program, U.S. Geological Survey, U.S. Department of the Interior and the Pacific Institute for Studies in Development, Environment, and Security. Oakland, California.

Gleick, P.H. 2000. "Global water: Threats and challenges facing the United States." In D. Kennedy and J.A. Riggs (editors). U.S. Policy and the Global Environment: Memos to the President. Aspen Institute, Aspen, Colorado. Pp. 77-90.

Frederick, K.D. and P.H. Gleick. 2001. "Potential impacts on U.S. water resources." In E. Claussen, V. Arroyo Cochran, and D.P. Davis (eds.) Climate Change: Science, Strategies, and Solutions. Pew Center on Global Climate Change, Brill Publishers, Leiden, Germany, pp. 63-81.

Ehrlich, A.H., P.H. Gleick, and K. Conca. 2001. "Resources and environmental degradation as sources of conflict." In R. Hinde and J. Rotblat (editors). Pugwash Occasional Papers: 50th Pugwash Conference: Eliminating the Causes of War. Vol. 2, No. 3, pp. 108-138.

Gleick, P.H., A. Singh, and H. Shi. 2001. Threats to the World's Freshwater Resources. A Report of the Pacific Institute for Studies in Development, Environment, and Security, Oakland, California, in cooperation with the United Nations Environment Programme. (November.)

Gleick, P.H., G. Wolff, E.L. Chalecki, and R. Reyes. 2002. The New Economy of Water: The Risks and Benefits of Globalization and Privatization of Fresh Water. A Report of the Pacific Institute for Studies in Development, Environment, and Security, Oakland, California.

REPORTS, PROCEEDINGS, TESTIMONY

Fox, E.C., Anderson, T.D., Bowers, H.I., Gleick, P.H., Tallackson, J.C. 1979. "Conversion to coal in the industrial and commercial/residential sectors--A study of the barriers to implementation in the near term." Oak Ridge National Laboratory. ORNL-TM-6139.

Holdren, J.P., Anderson, K., Gleick, P.H., Mintzer, I., Morris, G., and Smith, K.R. 1979. "Risk of renewable energy sources: A critique of the Inhaber Report." ERG-79-3. Energy and Resources Group, University of California, Berkeley.

United States Department of Energy. 1979. "Regional issue identification and assessment." DOE/EV-TI. Lawrence Berkeley Laboratory, Energy and Environment Division.

Gleick, P.H. 1980a. "Environmental implications of fluidized-bed combustion of coal." ERG-80-23. Energy and Resources Group, University of California, Berkeley. 30 pp.

Gleick, P.H. 1980b. "Environmental consequences of hydroelectric development: The issue of size." ERG-80-7. Energy and Resources Group, University of California, Berkeley. 99 pp.

Gleick, P.H. 1980c. "Occupational health effects of radiation: Uranium extraction in the phosphate industry". ERG-80-28. Energy and Resources Group, University of California, Berkeley. 43 pp.

Gleick, P.H. (editor) 1981. A Critical Appraisal of Federal Energy Conservation Programs: Lessons for the Implementation of Solar Energy in California. ERG-81-9. Energy and Resources Group, Berkeley, California. 57 pp.

Gleick, P.H. 1981a. "The Building Energy Performance Standards: History, Outcomes, and Analysis." ERG-81-9B Energy and Resources Group, in P.H. Gleick (ed.) A Critical Appraisal of Federal Energy Conservation Programs: Lessons for the Implementation of Solar Energy in California. ERG-81-9. Energy and Resources Group, Berkeley, California.

Gleick, P.H. 1984. "Environmental health and safety risks of the coal fuel cycle". ERG-84-4. Energy and Resource Group, Berkeley, California. Proceedings of the International Congress on Prospects and Problems of Coal-Fired Power Plants, Lignano Sabbiadoro, Italy, May 31-June 3, 1984. 28 pp.

Gleick, P.H. 1986. "Regional water availability and global climatic change: The hydrologic consequences of increases in atmospheric CO₂ and other trace gases". Energy and Resources Group, Ph.D. Thesis, ERG-DS-86-1, University of California, Berkeley. 688 pp.

Gleick, P.H. 1987a. "Climatic changes, water resources, and institutional responses: A look at the United States, Mexico, and the Colorado River." In the Proceedings of the Symposium on Climatic Change in the Southern United States: Future Impacts and Present Policy Issues. (May 28-29, 1987) U.S. Environmental Protection Agency/University of Oklahoma. pp. 450-465.

Gleick, P.H. 1987b. "Climatic changes and the San Francisco Bay Area: Impacts on water resources." Testimony for Congressman Don Edwards, Hearing on How Climatic Trends will Affect the San Francisco Bay Area, February 12, 1987.

Gleick, P.H. 1988a. "Global environmental issues and international relations: Greenhouse warming and international politics." Commissioned paper for the 38th Pugwash Conference on Science and World Affairs, Dagomys, USSR, 29 August - 3 September.

Gleick, P.H. 1988b. "Climatic change and it's impact on California's water." Special Hearing: Scientific Community Assessment of the Greenhouse Effect on California and the Northern Hemisphere." California Senate Committee on Solid and Hazardous Wastes. Sacramento, California. September 27, 1988.

- Gleick, P.H. 1988c. "Climatic changes and impacts on California water resources". Testimony before the Subcommittee on Water and Power Resources of the House Interior and Insular Affairs Committee, Oversight Hearing on The Implications of Global Warming for Natural Resources in California. October 17, 1988.
- Gleick, P.H. 1988d. "The implications of climate change for California: A review". Proceedings of a Workshop on the Implications of Climatic Change for California, November 21, 1988, Pacific Institute for Studies in Development, Environment, and Security, Berkeley, California.
- Gleick, P.H. 1989a. "The impacts of climatic changes for California: A review". Testimony before a Hearing of the Senate Committee on Energy and Resources: Global Warming and Effects on California. May 20, 1989.
- Gleick, P.H., G.P. Morris, and N.A. Norman. 1989. "Greenhouse-gas emissions from the operation of energy facilities." Pacific Institute/Future Resources Associates, Berkeley. 52 p.
- Gleick, P.H. and E.P. Maurer. 1990. "Assessing the costs of adapting to sea-level rise: A case study of San Francisco Bay." Pacific Institute for Studies in Development, Environment, and Security, Berkeley, California and the Stockholm Environment Institute, Stockholm, Sweden. 57 pp. with 2 maps.
- Gleick, P.H. 1991. "The great California drought and global climatic change: Are they related and does it matter?" Written Testimony to U.S. House of Representatives Committee on Energy and Commerce, Subcommittee on Health and the Environment. February 21, 1991
- Gleick, P.H. and L. Nash. 1991. "The societal and environmental costs of the continuing California drought." Pacific Institute for Studies in Development, Environment, and Security, Berkeley, California. 66 p.
- Gleick, P.H. 1991. "The societal and environmental costs of the continuing California drought." Testimony to the U.S. House of Representatives Committee on Energy and Commerce, Subcommittee on Health and the Environment, Washington, D.C. (August 1).
- Gleick, P.H. and L. Nash. 1992. "The societal and environmental costs of the continuing California drought." Testimony to the California State Water Resources Control Board, Hearings on Interim Water Rights Actions, Sacramento, California (July 15).
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