Citizen Participation and Water Quality

53 citations from the Agricola Database
1992 - March 1999

Mary Stevanus
Water Quality Information Center

Citizens, farmers, and other water users all have roles to play concerning water quality, both passively and actively. Citizens participate in water monitoring programs, water conservation, and serve as advisors to decision makers. Farmers also modify their behaviors to safeguard water resources. These citations highlight resources, research and tools available on citizen or public participation in water quality issues.

This electronic bibliography is intended primarily to provide awareness of recent investigations and discussions of a topic and is not intended to be in-depth and exhaustive. The inclusion or omission of a particular publication or citation should not be construed as endorsement or disapproval. Citations are arranged alphabetically by title and abstracts are included where available. All citations are in English unless otherwise noted.

Send suggestions for electronic bibliographies related to water resources and agriculture to wqic@ars.usda.gov.

To locate a publication cited in this bibliography, please contact your local, state, or university library. If you are unable to locate a particular publication, your library can contact the National Agricultural Library (please see "Document Delivery Services" at http://www.nal.usda.gov/ddsbb/).

1. **Awareness of operation future among landowner-operators in the Darby Creek watershed of Ohio.**
   Napier, T. L. and Johnson, E. J.
   NAL Call #: 56.8-J822
2. Broadening participation in integrated catchment management for sustainable water resources development.
Maaren, H. and Dent, M.
NAL Call #: TD420.A1P7-v.32,-no.5-6

Descriptors: water-resources, water-management, resource-development, community-involvement, participative-management, computer-software, watersheds.

3. A citizen's guide to clean water.
Barth, Carole Ann. and Izaak Walton League of America.
NAL Call #: TD420.I92--1990

Descriptors: Water-Pollution, Citizen-participation, Public-relations, Water-pollution-control.

4. A citizen's guide to lake watershed surveys: how to conduct a nonpoint source phosphorus survey.
Williams, Scott. and Congress of Lake Associations. Maine. Dept. of Environmental Protection.
Yarmouth, Me.: Congress of Lake Associations; Augusta, Me.: Maine Dept. of Environmental Protection. [1992] iii, 65, 2, 1, 7, 1 p.: ill., maps.
NAL Call #: TD224.M2C57--1992

Descriptors: Nonpoint-source-pollution, Maine, Lake-renewal, Phosphorus-content.

Morgan, Judy. and New Jersey. Division of Water Resources.
NAL Call #: TD224.N5C58--1987

Descriptors: Water-Pollution, New-Jersey, Water-quality-management, Citizen-participation.

6. Communicating water quality risk issues to the public.
OSU-ext-facts. [Stillwater, Olka.]: Cooperative Extension Service, Division of
7. **Community participation and water supply: an attempt to provide sustainable water development solutions for Africa.**

Descriptors: Water-resources-development, Africa, Citizen-participation, Congresses, Water-supply-Africa.

8. **Community water supply: a manual for user education; a community participation training element for SPWP user beneficiaries.**
NAL Call #: TD927.C65-1987

Descriptors: Water-supply, Rural-Developing-countries, Sanitation.

9. **The contribution of people's participation: evidence from 121 rural water supply projects.**
Narayan Parker, Deepa.
NAL Call #: HD1702.N37--1995

Descriptors: Water-supply, Rural-Developing-countries, Management, Citizen-participation.

10. **Demanding clean food and water: the fight for a basic human right.**
Goldstein, Joan.
NAL Call #: TD171.7.G66-1990

Descriptors: Environmental-protection, Citizen-participation, Food-contamination, Water-Pollution.

11. **Evaluating barriers to participation by fertilizer and agricultural chemical dealers in a federal water quality project.**
Lanyon, L. E., Kiernan, N. E., and Stoltzfus, J. H.
NAL Call #: S530.J6
12. **Facilitating the introduction of a Participatory and Integrated Development Approach (PIDA) in Kilifi District, Kenya.**
Schubert, Bernd. and Humboldt Universitat zu Berlin. Seminar fur landwirtschaftliche Entwicklung.
NAL Call #: S539.G3T47--nr.164

**Descriptors:** Sustainable-development, Kenya-Kilifi-District, Citizen-participation, Water-resources-development, Sanitation.

13. **Factors leading to permanent adoption of best management practices in South Dakota Rural Clean Water Program projects.**
Cameron Howell, K.
NAL Call #: TD223.N36-1992

**Descriptors:** water-management, water-quality, programs, farmers, participation, South Dakota.

14. **Farmer participation in irrigation: 20 years of experience and lessons for the future.**
Meinzen Dick, R.
NAL Call #: TC801.I66

**Descriptors:** irrigated-farming, irrigation, farmers, organizations, farmers'-associations, irrigation-water, irrigation-scheduling, farmers'-attitudes, participation, water-policy, water-allocation, Philippines, Sri Lanka, Pakistan, Senegal, Mexico, Western-states-of USA, water-users'-associations, Columbia-Basin-area-of-USA.

15. **Farmer participation in the Double Pipe Creek, Maryland, Rural Clean Water Program project.**
Schaeffer, E. A.
NAL Call #: TD223.N36-1992
16. **Farmers and the Chesapeake: an interagency success story.**  
Hogan, S., Weismiller, R. A., Magette, W., and Lessley, B.  
NAL Call #: 1-Ag84y

Descriptors: water-resources, water-quality, farmers, participation, programs, cooperative-activities, Maryland.

NAL Call #: TD223.N35--1994


18. **Groundwater contamination : working in partnership with communities.**  
Ostiguy, Nancy.  
NAL Call #: TD223.G748-1989

Descriptors: Water, Underground-Pollution, United-States, Citizen-participation.

19. **Handle with care : your guide to preventing water pollution.**  
Taggart, Judith. and Bracht, Betty.  
NAL Call #: TD424.3.T35--1991

Descriptors: Water-Pollution, United-States, Water-quality-management, Citizen-participation.

20. **How to conduct an inventory in your wellhead protection area : a training manual for use with volunteers.**  
University of Idaho. Idaho Water Resources Research Institute.  
NAL Call #: TD224.I2H69--1995
21. **How to get water smart: products and practices for saving water in the nineties. 1st ed.**
   Buzzelli, Buzz.
   NAL Call #: TD388.H68-1991

   *Descriptors:* Water-conservation, Citizen-participation, Water-conservation.

22. **Idaho volunteer monitoring program lake protocols.**
    Bellatty, Jim., Meitl, Joan., and Idaho. Division of Environmental Quality.
    NAL Call #: TD224.I2B45-1991

   *Descriptors:* Water-quality, Idaho, Measurement, Citizen-participation.

23. **Impacts of voluntary conservation initiatives in the Darby Creek Watershed of Ohio.**
    Napier, T. L. and Johnson, E. J.
    *J soil water conserv* 53: 1 pp. 78-84. (First Quarter 1998).
    NAL Call #: 56.8-J822

   *Descriptors:* agricultural-land, watersheds, soil-conservation, water-conservation, programs, participation, farmers'-attitudes, resistance-to-change, environmental-protection, erosion-control, Ohio.

24. **The International Joint Commission and public participation: past experiences, present challenges, future tasks.**
    Becker, M. L.
    NAL Call #: HC79.E5N3

   *Descriptors:* lakes, water-resources, resource-management, advisory-committees, social-participation, ecosystems, objectives, water-policy, international-cooperation, USA, Canada, ecosystem-quality.

25. **The key to successful farmer participation in Florida's Rural Clean Water Program.**
    Stanley, J. W.
    NAL Call #: TD223.N36-1992
26. **Landlord involvement in environmental decision-making on rented Missouri cropland: pesticide use and water quality issues.**  
Constance, D. H., Rikoon, J. S., and Ma, J. C.  
NAL Call #: 281.28-R88

*Descriptors:* landowners, farmland, rent, farm-management, decision-making, participation, pesticides, usage, water-quality, tenure-systems, trends, sociology, Missouri.  

**Abstract:** The need to better understand landlord involvement in decision-making related to pesticide use and water quality issues is evidenced by several trends. These trends include the increasing documentation of water pollution by farm pesticides, the changing characteristics of farm ownership and operator tenure, and evolutions in resource policy and protection planning. This paper utilizes a theoretical approach to the sociology of land tenure to interpret results from an investigation of landlord involvement in environmental decision making regarding pesticide selection on rented land. Eight counties with high susceptibility of water contamination by pesticides were selected for study. Structured, in-person interviews were administered to in-county landlords, and a mail survey was used to poll out-of-county landlords. Results indicate that participation is generally low with very little difference between landlord groups. Renters make most of the organizational and operational decisions on rented farmland. Landlord participation is predominantly based on economic, rather than on social or environmental, factors. Furthermore, while economic variables are important predictors of participation for both groups, gender and social ties to the renter tend to increase local landlord involvement, but not absentee involvement. These results have important implications for both federal programs and further research on land tenure and environmental stewardship.

27. **Living waters: how to save your local stream.**  
Owens, Owen D.  
NAL Call #: QH76.5.P4O93--1993

*Descriptors:* Trout-Unlimited-Valley-Forge-Chapter, Stream-conservation, Pennsylvania, Valley-Creek, Citizen-participation, Water-Pollution, Stream-conservation, Valley-Creek, PA.

28. **Making soil and water conservation sustainable: from coercion and control to partnerships and participation.**  
Pretty, J. N. and Shah, P.  
NAL Call #: S622.L26

29. **The matter of public participation.**
   Hayton, R. D.
   NAL Call #: HC79.E5N3


30. **National directory of citizen volunteer monitoring programs.**
   United States. Environmental Protection Agency.
   NAL Call #: TD423.N38-1997

*Descriptors:* Water-Pollution, United-States, Environmental-monitoring, United-States, Citizen-participation.

*Abstract:* This document lists 519 citizen volunteer monitoring programs around the country, arranged by place. Key information, including a contact name, address and type of waters monitored, is also provided.

31. **New horizons: the economic, social and environmental impacts of participatory watershed development.**
   Hinchcliffe, F., Guijt, I., Pretty, J. N., and Shah, P.
   NAL Call #: S494.5.S86G3


32. **Organizing lake users : a practical guide.**
   NAL Call #: QH541.5.L3F66--1991

*Descriptors:* Lake-ecology, United-States, Water-quality-management, Citizen-participation, Water-resources-development, Lake-renewal-United-States, Lakes-United-States.

33. **Participative approaches for landcare : perspectives, policies, programs.**
   Chamala, Shankariah. and Keith, Ken J.
34. **Past investments in conservation research.**
   Napier, T. L.
   NAL Call #: 56.8-J822

   **Descriptors:** soil-conservation, water-conservation, programs, farmers'-attitudes, participation, resistance-to-change, innovation-adoption, incentives, disincentives, decision-making, social-sciences, research.

35. **People's participation in soil and water conservation : report from a SADCC seminar, March 2-6, 1987, Maputo.**
   Southern African Development Coordination Conference.
   NAL Call #: S622.R38-no.10

   **Descriptors:** Soil-conservation, Southern Africa, Citizen-participation, Congresses, Water-conservation, Soil-conservation-projects, Water-conservation-projects.

36. **Protecting our water resources : a guide for Washoe County residents.**
   University of Nevada, Reno. Cooperative Extension.
   NAL Call #: TD225.N3P76--1993

   **Descriptors:** Water-conservation, Nevada-Washoe-County, Environmental-protection, Citizen-participation.

37. **Public involvement in natural resource decision making : goals, methodology, and evaluation.**
   Lawrence, Rick L. and Daniels, Steven E.
   Corvallis, Or. : Forest Research Laboratory, Oregon State University, 1996. 49 p.
   NAL Call #: SD144.O7P37--no.3

   **Descriptors:** Land-use-Planning, United-States, Citizen-participation, Water-resources-development.

38. **Public participation and the IBWC: challenges and options.**
   Sanchez, R.
   *Nat-resour-j.* Albuquerque, University of New Mexico School of Law. Spring 1993. v.
39. **Public participation in the planning and management of rivers: Washington State Scenic River System.**

Starlund, S.


NAL Call #: aSD11.A42


40. **Rural community development: what sort of social change.**

Wright, S.


NAL Call #: HT401.J68


Abstract: In rural development it is accepted that many rural problems derive from the way decisions are made. Rural Community Councils play an intermediary role and their community development is geared not only to changing communities, but even more to changing the ways authorities operate. But how do their field officers do this? It is argued that field officers work in a local, national and international context which shapes expectations of their role and of the outcome of their work. Their rhetoric of community development is often more radical than the context would seem to allow. Out of the tension between context and rhetoric, the actual practice of community workers is negotiated. Changes in the context, rhetoric and practice of community development are traced through three phases in the 1970s and 1980s. A case study of a village with a failed water supply examines the way the author, as a community worker, negotiated her practice. It shows the limitations on putting into practice a rhetoric of empowerment and participatory development which sought to change the way authorities relate to residents.

41. **Rural nonpoint source pollution control in Wisconsin: the limits of a voluntary program.**

Wolf, A. T.


NAL Call #: 292.9-Am34
Descriptors: water-quality, watershed-management, water-policy, water-pollution, Wisconsin.

Abstract: This paper examines the relationship between best management practices, institutional needs, and improved water quality within the watersheds of Wisconsin's program for controlling rural nonpoint source pollution. The first section describes the federal requirements for state nonpoint source programs and the legislative and management methods the state of Wisconsin uses to put those requirements into practice. The emphasis of the paper, described in the second section, is the institutional difficulty in evaluating the success of a large, integrated water quality program. Measurements which are investigated include (1) watershed water quality before and after implementation of BMPs; (2) program participation as measured by eligible vs. participating landowners, BMPs considered necessary vs. BMPs implemented, or dollars allocated to the NPS program vs. dollars expended; and (3) institutional goal coordination and management effectiveness. It is found that, despite the size and sophistication of Wisconsin's NPS program, there is little if any improvement in ambient water quality in these watersheds, probably because of a general lack of adequate participation in this voluntary program.

42. Saving water in the home & garden.
   Erickson, Jonathan 1949
   NAL Call #: TD388.E75--1993

Descriptors: Water-conservation, Citizen-participation.

43. The self-help handbook for small town water and wastewater systems. Rev. ed.
   Schautz, Jane W. and Conway, Christopher M. 1958
   NAL Call #: HD4461.S33--1995

Descriptors: Water-resources-development, United-State, Citizen-participation, Finance, Sewerage.

44. Social choice procedures in water-resource management.
   d'Angelo, A., Eskandari, A., and Szidarovszky, F.
   NAL Call #: HC75.E5J6

Descriptors: water-resources, water-management, forest-management, decision-making, social-participation, dictatorship, ranking, equations, case-studies, arizona, plurality-voting, borda-count, hare-system, pairwise-voting.

45. Techniques to obtain adequate farmer participation.
   Yankey, R. L.
261-264. (Environmental Protection Agency, [1992].)
NAL Call #: TD223.N36-1992

Descriptors: water-management, water-quality, programs, farmers, participation, Idaho, rural-clean-water-program.

46. Upstream solutions to downstream pollution: a citizens' guide to protecting seacoasts and the Great Lakes by cleaning up polluted runoff.
   NAL Call #: TD223.U67--1993

Descriptors: Water-Pollution, United-States, Citizen-participation-Handbooks,-manuals,-etc, Great-Lakes, Coastal-zone-management.

47. The volunteer monitor: the national newsletter of volunteer water quality monitoring.
   Volunteer Monitor (Firm).
   NAL Call #: TD223.V658

Descriptors: Water-quality-management, United-States, Citizen-participation, Periodicals, Volunteer-workers-in-environmental-protection,

48. Volunteer monitoring.
   NAL Call #: TD223.V65--1993


49. Water supply in low-income housing projects: the scope for community participation: training module.
   NAL Call #: TD357.W38-1989

Descriptors: Municipal-water-supply, Study-and-teaching, Community-development.

50. Watershed restoration on the Chesapeake Bay.
   Swanson, A. P.
   NAL Call #: 99.8-F768
Descriptors: estuaries, watersheds, rehabilitation, ecosystems, resource-management, water-quality, participation, public-sector, middle-atlantic-states-of-USA, integrated-resource-management.

University of Colorado, Boulder. Natural Resources Law Center.
NAL Call #: GB991.W47W373--1996


52. Who participates and why? Factors affecting participation in a state issues-based program.
Miller, D. R. and Smith, M. F.
NAL Call #: 275.28-J82

Descriptors: extension, programs, participation, decision-making, water-quality, Maryland.

53. WQIP: an assessment of its chances for acceptance by farmers.
Kraft, S. E., Lant, C., and Gillman, K.
NAL Call #: 56.8-J822

Descriptors: water-pollution, point-sources, pollution-control, federal-programs, participation, farmers'-attitudes, water-quality, incentives, surveys, farm-management, agricultural-land, water-quality-incentive-program, nonpoint-source-pollution.

Return to Bibliographies

Return to the Water Quality Information Center at the National Agricultural Library.
Last update: July 13, 1999
The URL of this page is http://www.nal.usda.gov/wqic/Bibliographies/partic.html

J. R. Makuch /USDA-ARS-NAL-WQIC
M. Stevanus /USDA-ARS-NAL-WQIC/ wqic@ars.usda.gov

Disclaimers

[U.S. Department of Agriculture (USDA)] [Agricultural Research Service (ARS)] [National Agricultural Library (NAL)]