Delineating and Assessing Source Water Areas

65 citations from the Agricola Database
1984 - September 1998

Mary Stevanus
Water Quality Information Center

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/ddsb/).

1. **Analytical modelling of pesticide transport from the soil surface to a drinking water well.**
   NAL Call Number: 292.8-J82
   **Descriptors:** pesticides-. leaching-. water-flow. drinking-water. wells-. water-quality. groundwater-pollution. mathematical-models.

2. **Assessing your hazardous waste management practices.**
   Weston,-D.
3. Assessing your petroleum product storage practices.
Weston.-D.

Sir William Halcrow & Partners.

5. Assessment of the reproductive and developmental toxicity of pesticide/fertilizer mixtures based on confirmed pesticide contamination in California and Iowa groundwater.
Heindel,-J.J.; Chapin,-R.E.; Gulati,-D.K.; George,-J.D.; Price,-C.J.; Marr,-M.C.; Myers,-C.B.; Barnes,-L.H.; Fail,-P.A.; Grizzle,-T.B.

6. Assessment of the risk of infection by Cryptosporidium or Giardia in drinking water from a surface water source.
Teunis,-P.F.M.; Medema,-G.J.; Kruidenier,-L.; Havelaar,-A.H.

7. Best management practice for fertilization of mature citrus trees on the ridge area to minimize nitrate contamination of groundwater.
Alva,-Ashok-K.
Citrus Research and Education Center. Florida. Dept. of Environmental Protection.
Lake Alfred, FL : Citrus Research and Education Center, Institute of Food and Agricultural Sciences, University of Florida, 1997. 141 p. : ill.

8. Comparison of models for delineating wellhead protection areas in confined to semiconfined aquifers in alluvial basins.
Forster,-C.B.; Lachmar,-T.E.; Oliver,-D.S.
Developing a national drinking water regulation for disinfection of ground water.
Macler,-B.A.
NAL Call Number: GB1001.G76
Descriptors: drinking-water. groundwater-. disinfection-. regulations-. microbial-contamination. public-health. waterborne-diseases. incidence-. environmental-legislation. federal-government. usa-.

Developing a state wellhead protection program: a user's guide to assist state agencies under the Safe Drinking Water Act.
NAL Call Number: TD223.D4
Descriptors: Drinking-water-United-States.

Development of a data base of community water-supply wells in New Jersey and a method of evaluate their sensitivity to contamination.
Storck,-Donald-A.; Isaacs,-Kalman-N.; Vowinkel,-Eric-F.
Water-resources investigations report ; 96-4132.
NAL Call Number: GB701.W375--no.96-4132

Domestic well water quality in rural Nebraska: focus on nitrate-nitrogen, pesticides, and coliform bacteria.
Gosselin,-D.C.; Headrick,-J.; Tremblay,-R.; Chen,-X.H.; Summerside,-S.
NAL Call Number: GB1001.G76
Descriptors: drinking-water. wells-. groundwater-. groundwater-pollution. water-quality. contaminants-. nitrate-nitrogen. pesticides-. coliform-bacteria. rural-areas. nebraska-.

National Environmental Health Association. Midyear Conference (1990 : Orlando, Fla.).
NAL Call Number: TD224.F6N37-1990
Descriptors: Drinking-water-Florida-Congresses. Drinking-water-United-States-
14. **Effect of point-of-use, activated carbon filters on the bacteriological quality of rural groundwater supplies.**
Snyder,-J.W.-Jr.; Mains,-C.N.; Anderson,-R.E.; Bissonnette,-G.K.
NAL Call Number: 448.3-Ap5

15. **Effects of agriculture on ground-water quality in five regions of the United States.**
Hamilton,-P.A.; Helsel,-D.R.
NAL Call Number: TD403.G7
*Descriptors*: groundwater-pollution. nitrogen-fertilizers. animal-manures. nitrate-. water-quality. groundwater-. aquifers-. irrigated-conditions. irrigated-sites. delaware-. maryland-. virginia-. new-york. kansas-. nebraska-. connecticut-.

16. **Emerging legal issues in groundwater contamination cases.**
Guilday,-T.J.; DeMeo,-R.A.
NAL Call Number: 500-F66
*Descriptors*: groundwater-pollution. drinking-water. environmental-protection. federal-government. water-law. water-safety. florida-.

17. **EPA to survey agricultural pesticides in groundwater used for drinking.**
Garlitz,-N.M.
NAL Call Number: aS622.S6
*Descriptors*: pesticides-. groundwater-. drinking-water. surveys-.

18. **Evaluation of ground-water contamination from nonpoint sources: a case study.**
Brink,-C.-van-den; Zaadnoordijk,-W.J.
NAL Call Number: TD403.G7
*Descriptors*: groundwater-pollution. pollutants-. contaminants-. nitrate-. leaching-. computer-analysis. computer-software. computer-simulation. simulation-models. groundwater-flow. geographical-information-systems. water-quality. groundwater-extraction. wells-. groundwater-. hungary-.

19. **Farm-A-Syst : farmstead assessment system.**
Jackson,-Gary.; Anderson,-Jim.; Jones,-Susan.
20. **Farm-A-Syst**: farmstead assessment system.
Michigan State University. Extension.
NAL Call Number: S589.757.M5F37--1994

21. **Farmstead assessment for whole farm water quality protection**.
Jackson,-G.W.; Anderson,-J.L.
NAL Call Number: TD427.A35A49-1993
Descriptors: groundwater-. wells-. drinking-water. water-quality. farms-. risk-. assessment-. educational-programs. educational-planning. plan-implementation-and-evaluation. wisconsin-. minnesota-.

22. **FAS wells**.
National Farm*A*Syst Program (U.S.).
NAL Call Number: Slide--no.525

23. **A geographic information system for groundwater protection planning**.
Baker,-C.P.; Panciera,-E.C.
Mar/Apr 1990. v. 45 (2) p. 246-248. ill., maps.
NAL Call Number: 56.8-J822
Descriptors: groundwater-flow. protection-. drinking-water. water-management. land-use.

24. **Ground water and the Safe Drinking Water Act Amendments of 1996**.
Job,-C.
NAL Call Number: GB1001.G76
Descriptors: groundwater-. drinking-water. environmental-legislation. federal-government. usa-.

25. **Groundwater contamination by temik aldicarb pesticide: the first 8 months**.
Wartenberg,-D.
26. **Groundwater contamination by toxic substances: a digest of reports: a report.**
   NAL Call Number: TD223.G755-1984

   NAL Call Number: TD223.G752
   **Descriptors:** Drinking-water-Standards-United-States. Water,-Underground-Quality-United-States.

28. **Groundwater resource management and environmental protection: A case study of the Philippines.**
   Munasinghe,-M.
   NAL Call Number: HC55.N3
   **Descriptors:** drinking-water. water-quality. water-management. salt-water-intrusion. environmental-protection. water-use. water-policy. population-pressure. economic-development. aquifers-. case-studies. water-costs. philippines-.

29. **Growth management to protect groundwater.**
   Hrezo,-W.E.; Hrezo,-M.S.
   Mar/Apr 1990. v. 45 (2) p. 286-287.
   NAL Call Number: 56.8-J822
   **Descriptors:** groundwater-flow. water-management. protection-. zoning-. drinking-water.

30. **Guidance for applicants for state Wellhead Protection Program assistance funds under the Safe Drinking Water Act.**
   NAL Call Number: TD426.G84-1987

Eastern Research Group, Inc.
Center for Environmental Research Information (U.S.).
NAL Call Number: TD403.H36--1994
Descriptors: Groundwater-Handbooks,-manuals,-etc. Wellheads-Handbooks,-manuals,-etc. Water-supply-Handbooks,-manuals,-etc.

32. History of the sole source aquifer program: a community-based approach for protecting aquifers used for drinking water supply.
McCabe,-W.J.; Job,-C.A.; Simons,-J.J.; Graves,-J.S.; Terada,-C.J.
NAL Call Number: GB1001.G76
Descriptors: drinking-water. groundwater-. aquifers-. groundwater-pollution. federal-government. environmental-legislation. new-jersey. ohio-. idaho-. pennsylvania-. usa-.

33. 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 Number: TD224.I2H69--1995

34. The international rivers Rhine and Meuse: recent developments in the field of the protection against pollution and of drinking water production in the Netherlands including the problems of storage and eutrophication.
Vreedenburgh,-E.G.H.
NAL Call Number: TD201.A72
Descriptors: rivers-. water-resource-management. water-pollution. drinking-water. water-storage. eutrophication-. surface-water. water-supplies. land-use. pollution-by-agriculture. netherlands.

NAL Call Number: TD761.I8--1990
Descriptors: Injection-wells-Environmental-aspects-Juvenile-literature. Drinking-water-

36. **Logistic model of nitrate in streams of the upper-midwestern United States.**
Mueller,-D.K.; Ruddy,-B.C.; Battaglin,-W.A.
NAL Call Number: QH540.J6
Descriptors: nitrate-nitrogen. surface-water. water-pollution.

37. **Mangement tools for preventing water pollution on farms.**
Nevers,-E.; Jackson,-G.; Castelnuovo,-R.; Knox,-D.
NAL Call Number: S589.7.E57-1994
Descriptors: farms-. groundwater-pollution. risk-. assessment-. wells-. drinking-water. contamination-. point-sources. water-quality. environmental-protection. pollution-control. programs-.

38. **Managing the risks of pesticides : what role for monitoring? : Wednesday, November 4, 1987, Lincoln Campus Center, Amherst, Massachusetts : a workshop for agencies and organizations involved in groundwater and drinking water monitoring for pesticides in the Northeast.**
NAL Call Number: TD427.P35M3

39. **Methods for treating acid groundwater results and evaluation of long-term tests.**
Bertills,-U.; Sundlof,-B.
NAL Call Number: TD172.W36
Descriptors: air-pollution. acid-deposition. groundwater-pollution. acidification-.groundwater-. water-quality. pollution-control. liming-. limestone-. slaked-lime. alkalinity-. wells-. drinking-water. sweden-.

40. **Modeling multiphase migration of organic chemicals in groundwater systems — A review and assessment.**
Abriola,-L.M.
NAL Call Number: RA565.A1E54
Descriptors: groundwater-pollution. organic-compounds. kinetics-. drinking-water. models-. 
41. Natural protection of spring and well drinking water against surface microbial contamination. I. Hydrogeological parameters.
Robertson, J.B.; Edberg, S.C.
NAL Call Number: QR1.C7
_Descriptors_: microbial-contamination. groundwater-. water-quality. water-pollution.

42. Natural protection of spring and well drinking water against surface microbial contamination. II. Indicators and monitoring parameters for parasites.
Edberg, S.C.; Leclerc, H.; Robertson, J.
NAL Call Number: QR1.C7
_Descriptors_: microbial-contamination. groundwater-. water-quality. water-pollution. indicator-species.

New Mexico State University. Cooperative Extension Service.
NAL Call Number: S561.6.N6N49--1992

44. Nitrates and ground water quality protection policies.
Aiken, J.D.
NAL Call Number: 275.29-N272EX
_Descriptors_: nitrates-. groundwater-pollution. law-. drinking-water. nitrogen-fertilizers. irrigation-. regulations-. poisoning-. methemoglobinemia-. nebraska-.

45. Occurrence of selected herbicides and herbicide degradation products in Iowa's ground water, 1995.
Kolpin, D.W.; Kalkhoff, S.J.; Goosby, D.A.; Sneck-Fahrer, D.A.; Thurman, E.M.
NAL Call Number: TD403.G7
_Descriptors_: triazine-herbicides. herbicide-residues. triazines-. groundwater-pollution. groundwater-. polluted-water. contamination-. wells-. surveys-. aquifers-. geographical-variation. slope-. runoff-. depth-. iowa-.

46. On the performance of computational methods for the assessment of risk from ground-water contamination.
Hamed, M.M.; Bedient, P.B.
NAL Call Number: TD403.G7
_Descriptors_: groundwater-pollution. polluted-water. groundwater-. risk-. risk-assessment. neoplasms-. man-. benzene-. tetrachloroethylene-. probability-analysis. drinking-water. contamination-. probability-. california-. 
47. **Pesticides and ground water protection.**  
   Aller,-C.C.  
   NAL Call Number: 500-F66  
   **Descriptors:** pesticide-residues. ethylene-dibromide. groundwater-pollution. drinking-water. environmental-protection. water-composition-and-quality. water-law. florida-.  

48. **Potential regulatory problems associated with atrazine, cyanazine, and alachlor in surface water source drinking water.**  
   Nelson,-H.; Jones,-R.D.  
   NAL Call Number: SB610.W39  
   **Descriptors:** atrazine-. cyanazine-. alachlor-. herbicide-residues. water-pollution. surface-water. runoff-. rivers-. lakes-. drinking-water. contamination-. risk-. water-reservoirs. safety-. north-central-states-of-usa.  

49. **The power to protect : three stories about groundwater.**  
   Paly,-Melissa.  
   United States. Environmental Protection Agency.  
   Massachusetts Audubon Society. New England Interstate Water Pollution Control Commission.  
   [Mass.?] : U.S. Environmental Protection Agency, c1990. 1 videocassette (32 min.) : sd., col. 1 workbook (36 p.).  
   NAL Call Number: Videocassette--no.2071  

50. **Protecting local groundwater resources.**  
   Smutko,-L.S.; Hoag,-D.L.  
   NAL Call Number: S544.3.N6N62  
   **Descriptors:** groundwater-pollution. contaminants-. sources-. drinking-water. hazards-. pollution-control. water-management. wells-. community-action. land-use-planning. north-carolina.  

51. **Public health concerns in wastewater reuse.**  
   Cooper,-R.C.  
   NAL Call Number: TD420.A1P7  
   **Descriptors:** waste-water. water-use. water-resources. irrigation-water. groundwater-. recharge-. drinking-water. public-health. health-protection. water-pollution.  

52. **Regulating pollution sources under a differential groundwater protection strategy.**  
   Raucher,-R.S.  
   NAL Call Number: 280.8-J822
53. **The regulation of agricultural practices to protect groundwater quality: the Nebraska model for controlling nitrate contamination.**

Schneider,-S.A.


NAL Call Number: KF1682.A45A77

Descriptors: groundwater-. nitrate-. nitrogen-fertilizers. water-quality. environmental-protection. models-. contamination-. drinking-water. water-management. regulations-. agricultural-chemicals. nebraska-.

54. **Relating pesticides management for water quality to health-based standards.**

Hornsby,-A.G.


NAL Call Number: 282.9-G7992


55. **Role of groundwater recharge in treatment and storage of wastewater for reuse.**

Bouwer,-H.


NAL Call Number: TD420.A1P7


56. **Seminar publication : wellhead protection : a guide for small communities.**


NAL Call Number: TD223.S46--1993


57. **Septic tank setback distances: a way to minimize virus contamination of drinking water.**

Yates,-M.V.; Yates,-S.R.


NAL Call Number: TD403.G7

Descriptors: groundwater-. groundwater-pollution. drinking-water. toxic-substances. viral-diseases. septic-tank-site-assessment. wells-. hydraulic-conductivity. arizona-.

58. **Statistical analysis of rural well contamination and effects of well construction.**


59. A survey and analysis of states' methodologies for deriving drinking water guidelines for chemical contaminants.
Paull, J.M.; Joellenbeck, L.M.; Cochran, R.C.; Sidhu, K.S.
NAL Call Number: RA1190.R42

60. Synthesis of data from studies by the National Irrigation Water-Quality Program.
Seiler, R.L.
NAL Call Number: 292.9-Am34

NAL Call Number: KF27.G655-1985a

Sidle, W.C.; Lee, P.Y.
NAL Call Number: TD403.G7

63. Use of geostatistics to predict wellhead protection zones in a pumping well field.
Yates, M.V.; Yates, S.R.
NAL Call Number: 448.39-SO12A
64. **Volatile (synthetic) organic chemicals (VOCs) in groundwater/risk assessment.**
   Shapiro, M.A.
   NAL Call Number: TD223.1.C4-1986
   *Descriptors*: groundwater-pollution. organic-compounds. volatile-compounds. risks. health-hazards. drinking-water.

65. **Water and sediment ecotoxicity studies in Temuco and Rapel River Basin, Chile.**
   Dutka, B.J.; McInnis, R.; Jurkovic, A.; Liu, D.; Castillo, G.
   NAL Call Number: RA1221.T69
   *Descriptors*: drinking-water. river-water. sediment-. toxic-substances. toxicity-. water-quality. sampling-. sample-processing. bioassays-. immunoassay-. chile-.

---

**Return to Source Water Bibliography**

**Return to the Water Quality Information Center at the National Agricultural Library.**
Last update: Jun 17, 2008
The URL of this page is http://www.nal.usda.gov/wqic/Source_Water/deline.html

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