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Water Quality Information Center of the National Agricultural Library  
Agricultural Research Service, U.S. Department of Agriculture

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## **Risk Assessment and Communication Related to Water Resources (II)**

1988 - DECEMBER 1995  
64 citations from AGRICOLA  
by  
Diane Doyle  
Water Quality Information Center

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Risk Assessment and Communication Related to Water Resources (II)

1. Agrochemical environmental fate : state of the art.  
Leng, M. L.; Leovey, E. M. K.; Zubkoff, P. L.; American Chemical Society. Division of Agrochemicals.

Boca Raton : Lewis Publishers, c1995. 410 p. : ill..  
Includes papers from a symposium entitled Regulation of Agrochemical Environmental Fate in the 1990s, held in Washington, D.C., August 1992, sponsored by the Agrochemicals Division of the American Chemical Society.

Descriptors:  
Agricultural-chemicals-Environmental-aspects-Congresses;  
Environmental-risk-assessment-Congresses  
NAL Call No.: TD196.A34A37--1995

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2. Anticipated soil selenium concentrations at Kesterson Reservoir.

Benson, S.; Tokunaga, T. K.; Zawislanski, P.

Berkeley, Calif. : Earth Sciences Division, Lawrence Berkeley Laboratory, University of California, [1992] 69 p. : ill..  
Cover title.

Descriptors: Soil-pollution-California-Kesterson-Reservoir;  
Soils-California-Kesterson-Reservoir-Selenium-content;  
Risk-assessment-California-Kesterson-Reservoir

NAL Call No.: TD878.B46--1992

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3. Aquatic mesocosm studies in ecological risk assessment.

Graney, R. L.; Kennedy, J. H. 1.; Rodgers, J. H. J. H. 1.

Boca Raton : Lewis Publishers, c1994. 723 p. : ill..

"A symposium ... held at the 11th Annual Meeting of the Society of Environmental Toxicology and Chemistry, in Arlington, Virginia in November of 1990"--Chapter 1, introd.

Descriptors: Ecological-risk-assessment-Congresses;  
Aquatic-ecology-Congresses;  
Pesticides-Environmental-aspects-Congresses;  
Water-Pollution-Congresses

NAL Call No.: QH541.15.R57A68--1994

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4. Assessing human health risks of chemicals : derivation of guidance values for health-based exposure limits.

United Nations Environment Programme.

Geneva : World Health Organization, 1994. 73 p. : ill..

Includes bibliographical references (p. 48-51).

Descriptors: Hazardous-substances-Risk-assessment

NAL Call No.: RA565.A1E63--no.170

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5. Assessing nonpoint-source pollution risk: a GIS application.

Lull, K. J.; Tindall, J. A.; Potts, D. F.

J-for v.93, p.35-40. (1995).

Includes references.

Descriptors: water-pollution; risk-;  
geographical-information-systems; land-use; watersheds-;  
montana-; risk-assessment

NAL Call No.: 99.8-F768

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6. Assessing risk for water harvesting systems in arid environments.

Cohen, I. S.; Lopes, V. L.; Slack, D. C.; Yanez, C. H.

J-soil-water-conserv v.50, p.446-449. (1995).

In the special issue: Water research and management in semiarid environments.

Descriptors: water-harvesting; arid-zones; risk-; assessment-;  
simulation-models; stochastic-models

NAL Call No.: 56.8-J822

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7. Biomarkers and risk assessment : concepts and principles.

World Health Organization.

Geneva : World Health Organization, 1993. 82 p. : ill..  
"Published under the joint sponsorship of the United Nations Environment Programme, the International Labour Organisation, and the World Health Organization."

RA565.A1E63--no.155

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8. Choices in risk assessment : the role of science policy in the environmental risk management process. Role of science policy in the environmental risk management process.

Regulatory Impact Analysis Project, I. E. S. a. H.

Washington, D.C. : RIAP, Inc., c1994. xix, 270 p. ; 26 cm.,

Descriptors: Hazardous-wastes-United-States-Management;

Hazardous-wastes-Risk-assessment-United-States

NAL Call No.: TD1050.R57C48--1994

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9. Computer-assisted evaluation of the economic impact of cancellation of pesticide registrations.

Bailey, J. E.; Tilmon, H. D.; Toth, S. J.; Phipps, P. M.

Plant-dis. [St. Paul, Minn., American Phytopathological Society].

Oct 1991. v. 75 (10) p. 1077-1080.

Includes references.

Descriptors: pesticides-; carbofuran-; nematicides-;

economic-impact; computer-analysis; computer-software; risk-;

public-agencies; arachis-hypogaea; plant-parasitic-nematodes;

north-carolina; furdan-assessment; risk-benefit-analysis;

environmental-protection-agency

NAL Call No.: 1.9-P69P

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10. A conceptual model for ecological risk assessment of bottomland hardwood forests.

Vellidis, G.; Lowrance, R.

Pap-Am-Soc-Agric-Eng. St. Joseph, Mich. : American Society of

Agricultural Engineers, . Winter 1993. (93-2574) 23 p.

Paper presented at the "1993 International Winter Meeting

sponsored by the American Society of Agricultural Engineers,"

December 14-17, Chicago, Illinois.

Descriptors: hardwoods-; bottomland-forests; forest-ecology;

risk-; assessment-; water-quality; models-; georgia-

NAL Call No.: 290.9-Am32P

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11. Contaminants in the environment : a multidisciplinary assessment of risks to man and other organisms.

Renzoni, A.

Boca Raton : Lewis Publishers, c1994. 286 p. : ill., maps.

Includes bibliographical references and index.

Descriptors: Environmental-risk-assessment;

Pollutants-Environmental-aspects

NAL Call No.: GE145.C66--1994

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12. Ecological risk assessment for river sediments contaminated by creosote.

Pastorok, R. A.; Peek, D. C.; Sampson, J. R.; Jacobson, M. A.

Environ-toxicol-chem v.13, p.1929-1941. (1994).

Paper presented at the symposium, "New Approaches in Risk Assessment and Uncertainty Analysis," November 8-12, 1992, Cincinnati, Ohio.

Descriptors: creosote-; contamination-; water-pollution; rivers-; sediment-; contaminants-; exposure-; toxicity-; bioassays-; crayfish-; freshwater-fishes; concentration-; risk-; pacifastacus-leniusculus; catostomus-macrocheilus

NAL Call No.: QH545.A1E58

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13. Ecological standards for eutrophication and desiccation: perspectives for a risk assessment.

Latour, J. B.; Reiling, R.; Slooff, W.

Water-air-soil-pollut v.78, p.265-277. (1994).

Includes references.

Descriptors: grasslands-; air-pollution; soil-pollution; nitrogen-; deposition-; acid-deposition; acidification-; eutrophication-; desiccation-; groundwater-level; risk-; water-stress; environmental-impact; simulation-models; netherlands-

NAL Call No.: TD172.W36

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14. Ecotoxicology of organic contaminants.

Bacci, E.

Boca Raton : Lewis Publishers, c1994. 165 p. : ill., maps.

Includes bibliographical references and index.

Descriptors: Environmental-risk-assessment;

Pollution-Environmental-aspects;

Organic-water-pollutants-Environmental-aspects;

Environmental-chemistry

NAL Call No.: GE145.B33--1994

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15. Environmental toxicology and risk assessment.

Landis, W. G.; Hughes, J. S. 1.; Lewis, M. A. M. A. 1.

Philadelphia, PA : ASTM, c1993. 431 p. : ill..

"February 1993"--T.p. verso. and Risk Assessment held in Atlantic City, N.J., 14-16 April, 1991.

Descriptors: Pollution-Environmental-aspects;

Health-risk-assessment; Environmental-health

NAL Call No.: RA566.27.E587-1993

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16. EPA toxic substances program : long-standing information planning problems must be addressed : report to the Chairman, Environment, Energy, and Natural Resources Subcommittee, Committee on Government Operations, House of Representatives. Long-standing information planning problems must be addressed. United States. General Accounting Office. Operations.

Environment, E. a. N. R. S.

Washington, D.C. : The Office ; Gaithersburg, MD (P.O. Box 6015, Gaithersburg 20884-6015) : The Office [distributor, 1993] 36 p. : ill..

Cover title.

Descriptors: Environmental-health-United-States;  
Environmental-protection-United-States;  
Health-risk-assessment-United-States;  
Hazardous-substances-Toxicology-United-States

NAL Call No.: RA1196.U57--1993

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17. Evaluating the chemical movement in layered soil model as a tool for assessing risk of pesticide leaching to groundwater.

Nofziger, D. L.; Chen, J. S.; Haan, C. T.

J-environ-sci-health,-Part-A,-Environ-sci-eng v.A29, p.1133-1155. (1994).

Special Issue on the Evaluation and Comparison of Pesticide Leaching.

Descriptors: pesticides-; leaching-; simulation-models;  
soil-properties; groundwater-pollution; risk-; cmls-model

NAL Call No.: TD172.J6

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18. Farm-level economic analysis incorporating stochastic environmental risk assessment.

Teague, M. L.; Bernardo, D. J.; Mapp, H. P.

Am-j-agric-econ v.77, p.8-19. (1995).

Includes references.

Descriptors: water-quality; farm-income;  
environmental-protection; risk-; agricultural-production;  
nitrates-; pesticides-; percolation-; runoff-; motad-;  
regulation-; stochastic-processes; indexes-; oklahoma-;  
target-motad

Abstract: A farm-level risk programming framework is presented which evaluates income/environmental risk tradeoffs. This framework uses a time-series of environmental risk indices to incorporate the stochastics, multiattribute characteristics of environmental outcomes associated with agricultural production practice. The model is applied to a representative farm in the Oklahoma Panhandle region of the Central High Plains. Results indicate that expected income is sensitive to nitrate loading restrictions, and relatively less sensitive to pesticide loading restrictions. Results also indicate that prescriptions derived using deterministic environmental risk measures may ignore significant probabilities of exceeding an environmental standard.

NAL Call No.: 280.8-J822

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19. The future of ecological risk assessment.

Lackey, R. T.

Northwest-sci v.69, p.171-174. (1995).

Includes references.

Descriptors: environmental-assessment; analysis-; risk-;  
philosophy-; decision-making

NAL Call No.: 470-N81

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20. Genotoxic risk assessment of drinking water consumed in the city of Tehran, Iran.

Sabouni, F.; Zia'ee, A. A.

Arch-environ-contam-toxicol. New York, Springer-Verlag. Apr 1995.  
v. 28 (3) p. 391-395.

Includes references.

Descriptors: drinking-water; urban-areas; contaminants-;  
toxicity-; chromosome-aberrations; fibroblasts-; in-vitro;  
toxicity-; public-health; risk-; iran-

NAL Call No.: TD172.A7

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21. Guide to environmental issues.

Pangman, J. K.; United States. Environmental Protection Agency.  
Office of Solid Waste and Emergency Response.

Washington, D.C. : U.S. Environmental Protection Agency, Solid  
Waste and Emergency Response : [For sale by the U.S. G.P.O.,  
Supt. of Docs., 1994]. 84 p. ill..

"This ... was based in concept and format on Citizens' Guide for  
Environmental Issues - A Handbook for Cultivating Dialogue by the  
National Institute for Chemical Studies and U.S. EPA, 1989 and  
1990."

Descriptors: Environmental-protection-United-States-Miscellanea;  
Environmental-policy-United-States-Miscellanea;  
Health-risk-assessment-United-States-Miscellanea

NAL Call No.: TD180.G85--1994

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22. Guide to environmental issues. Earth Day 25 ed.

Pangman, J. K.; United States. Environmental Protection Agency.  
Office of Solid Waste and Emergency Response.

Washington, D.C. : U.S. Environmental Protection Agency, Solid  
Waste and Emergency Response, [1995] 84 p. : ill..

"This ... was based in concept and format on Citizens' Guide for  
Environmental Issues - A Handbook for Cultivating Dialogue by the  
National Institute for Chemical Studies and U.S. EPA, 1989 and  
1990."

Descriptors: Environmental-protection-United-States-Miscellanea;  
Environmental-policy-United-States-Miscellanea;  
Health-risk-assessment-United-States-Miscellanea

NAL Call No.: TD180.G85--1995

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23. Guidelines for risk and uncertainty analysis in water  
resources planning.

Water Resources Support Center (U.S.).

Fort Belvoir, Va. : The Institute, 1992. 2 v. (various pagings) :  
ill., charts.

Bibliography: p. A-1--A-6. v.1. Principles, with technical  
appendices -- v.2 Examples.

Descriptors: Risk-assessment;

Water-resources-development-Planning

NAL Call No.: GB661.2.G84--1992

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24. Handbook of ecotoxicology.

Calow, P.

London ; Boston : Blackwell Scientific Publications, 1993- v. :  
ill..

Includes bibliographical references and indexes. Vol.1. 1993.

Descriptors: Pollution-Environmental-aspects;  
Pollutants-Toxicology;  
Ecological-risk-assessment-Handbooks,-manuals,-etc  
NAL Call No.: QH545.A1H363-1993

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25. Handbook of ecotoxicology. Ecotoxicology.  
Hoffman, D. J. D. J. 1.

Boca Raton : Lewis Publishers, c1995. x, 755 p. : ill., maps.  
Includes bibliographical references and index.

Descriptors: Pollution-Environmental-aspects;  
Pollutants-Toxicology; Environmental-risk-assessment  
NAL Call No.: QH545.A1H364--1995

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26. Health assessment guidance manual : draft : comment period  
ends : October 31, 1990. ATSDR health assessment guidance.  
United States. Agency for Toxic Substances and Disease Registry.

Atlanta, Ga. : U.S. Dept. of Health and Human Services, Agency  
for Toxic Substances and Disease Registry, [1990] 1 v. (various  
pagings) : ill., maps.

Cover title.

Descriptors:

Environmental-health-United-States-Handbooks,-manuals,-etc;  
Risk-assessment-United-States-Handbooks,-manuals,-etc  
NAL Call No.: RA566.3.H43--1990

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27. Integrating water quality modeling with ecological risk  
assessment for nonpoint source pollution control: a conceptual  
framework.

Chen, Y. D.; McCutcheon, S. C.; Rasmussen, T. C.; Nutter, W. L.;  
Carsel, R. F.

Water-sci-technol v.28, p.431-440. (1993).

Paper presented at the IAWQ First International Conference on  
"Diffuse (Nonpoint) Pollution: Sources, Prevention, Impact,  
Abatement." September 19-24, 1993, Chicago, Illinois.

Descriptors: water-quality; protection-; pollution-control;  
ecology-; risk-; assessment-; models-; usa-;  
best-management-practices

NAL Call No.: TD420.A1P7

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28. The interplay of science and values in assessing  
environmental risks.

Lynn, F. M.

1983. i, 208 p. : ill..

Thesis (Dr.P.H.)--University of North Carolina, 1983.

Descriptors: Health-risk-assessment-United-States;  
Environmental-health-United-States-Administration;  
Physicians-United-States-Attitudes;  
Occupational-physicians-United-States-Attitudes;  
Industrial-hygiene-United-States

NAL Call No.: DISS--84-06,967

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29. Land application of sewage sludge: scientific perspectives of  
heavy metal loading limits in Europe and the United States.

McGrath, S. P.; Chang, A. C.; Page, A. L.; Witter, E.

Environ-rev v.2, p.91-107. (1994).

Includes references.

Descriptors: sewage-sludge; application-to-land; heavy-metals; concentration-; agricultural-land; waste-disposal; waste-treatment; toxicology-; risk-; pollution-; pollution-control; literature-reviews; western-europe; usa-; risk-assessment; risk-analysis

NAL Call No.: GE140.E59

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30. Managing ecological risks at EPA : issues and recommendations for progress.

Troyer, M. E.; Brody, M. S.; United States. Environmental Protection Agency.

Cincinnati, Ohio : Center for Environmental Research Information, Office of Research and Development, U.S. Environmental Protection Agency, [1994] viii, 125 p. : ill..

Shipping list no.: 94-0417-P.

Descriptors:

United-States-Environmental-Protection-Agency-Management;

Ecological-risk-assessment-United-States;

Environmental-protection-Government-policy-United-States

NAL Call No.: TD171.3.U6U55--1994

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31. Measuring perceived and acceptable risk : an application of survey approaches.

Gough, J. D.

Canterbury, New Zealand : Lincoln University, Centre for Resource Management, [1991] 59 p..

"June 1991.".

Descriptors: Risk-assessment; Environmental-policy

NAL Call No.: HC79.E5G67--1991

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32. Mercury in soils and crops from fields receiving high cumulative sewage sludge applications: validation of U. S. EPA's risk assessment for human ingestion.

Granato, T. C.; Pietz, R. I.; Gschwind, J.; Lue Hing, C.

Water-air-soil-pollut v.80, p.1119-1127. (1995).

In the special issue: Mercury as a global pollutant / edited by D. Porcella, J. Huckabee and B. Wheatley. Whistler, Canada.

Descriptors: mercury-; contamination-; sewage-sludge; application-to-land; organic-amendments; uptake-; zea-mays; triticum-aestivum; reclamation-; coal-mined-land; risk-; public-agencies; illinois-; environmental-protection-agency

NAL Call No.: TD172.W36

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33. National Agricultural Pesticide Risk Assessment.

Geter, W. F.; Plotkin, S.; Bagdon, J. K.; Hesketh, E. S.

Proceedings of Industrial and Agricultural Impacts on the Hydrologic Environment the Second USA/CIS Joint Conference on Environmental Hydrology and Hydrogeology / USA/CIS Joint Conference on Environmental Hydrology and Hydrogeology.

Alexandria, VA : Water Environment Federation, c1993.. v. 2 p. 179-191.

Title on cover : Environmental impact of agricultural practices and agrichemicals / edited by Y. Eckstein and A. Zaporozec.

Descriptors: pesticides-; risk-; assessment-; environmental-protection; toxicity-; databases-; models-; pollution-control; usa-; national-agricultural-pesticide-risk; assessment-project; computer-models; pesticide-use-alternatives; environmental-discriminators

NAL Call No.: GB652.U82-1993

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34. Performing ecological risk assessments.

Calabrese, E. J. 1.; Baldwin, L. A.

Boca Raton : Lewis Publishers, c1993. xxiii, 257 p. : ill..

Includes bibliographical references (p. 242-244) and index.

Descriptors: Ecological-risk-assessment

NAL Call No.: QH541.15.R57C34--1993

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35. Pollutants in groundwater: risk assessment.

McLaughlin, R. A.; Genter, M. B.; Cook, M. G.; Zublena, J. P.

AG-NC-Agric-Ext-Serv. Raleigh : North Carolina Agricultural Extension Service, . June 1994. (AG-439-8,rev.) 3 p.

In the subseries: Soil Facts.

Descriptors: groundwater-; chemicals-; risk-; pollutants-; toxicity-; groundwater-pollution; health-hazards; exposure-; assessment-; north-carolina

NAL Call No.: S544.3.N6N62

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36. Pollutants in groundwater: risk assessment. Toxicological risk assessment distortions.

McLaughlin, R. A.; Genter, M. B.; Cook, M. G.; Zublena, J. P.; Lehr, J. H.

AG-NC-Agric-Ext-Serv. Raleigh : North Carolina Agricultural Extension Service, . June 1994. (439-8,rev.) 4 p. J-prod-agric v.4, p.282-290. (1991).

In the subseries: SoilFacts. Includes references.

Descriptors: groundwater-; water-pollution; chemicals-; risk-; regulations-; pollutants-; toxicity-; north-carolina; pollution-; risk-; assessment-; health-hazards

NAL Call No.: S544.3.N6N62.S539.5.J68

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37. Predicting ecosystem risk.

Cairns, J. 1.; Niederlehner, B. R. B. R. 1.; Orvos, D. R. D. R. 1.

Princeton : Princeton Scientific Pub. Co., c1992. xx, 347 p. : ill..

Includes bibliographical references and index.

Descriptors: Pollution-Risk-assessment; Environmental-monitoring

NAL Call No.: QP82.2.P6A3--v.20

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38. Probabilistic risk assessment for dairy waste management systems.

Leigh, E. M.; Vietor, D. M.; Thompson, P. B.; Wolfe, M. L.

Pap-Am-Soc-Agric-Eng. St. Joseph, Mich. : American Society of Agricultural Engineers, . Summer 1993. (934061) 24 p.  
Paper presented at the "1993 International Summer Meeting sponsored by The American Society of Agricultural Engineers and The Canadian Society of Agricultural Engineering," June 20-23, 1993, Spokane, Washington.

Descriptors: dairy-wastes; risk-; waste-disposal

NAL Call No.: 290.9-Am32P

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39. Proposal on a standardized water risk assessment of toxic substance in soil.

Nusslein, F.; Feight, E. A.; Schulte Hostede, S.; Kettrup, A.

Chemosphere v.28, p.219-228. (1994).

Includes references.

Descriptors: toxic-substances; pollutants-; polluted-soils;

risk-; groundwater-pollution; screening-;

physicochemical-properties; groundwater-flow; transport-processes

NAL Call No.: TD172.C54

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40. The re-use of contaminated land : a handbook of risk assessment.

Cairney, T. T.

Chichester ; New York : John Wiley, 1995. 219 p. : ill..

Includes bibliographical references (p. [212]-216) and index.

Descriptors: Soil-pollution-Environmental-aspects;

Pollution-Risk-assessment

NAL Call No.: TD880.L35C35--1995

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41. Reporting on risk : a journalist's handbook on environmental risk assessment. 2nd ed.

Kamrin, M. A.; Katz, D. J.; Walter, M. L.; Foundation for American Communications.

Ann Arbor, MI : Produced by Foundation for American Communications and National Sea Grant College Program, c1995. x, 113 p..

Includes bibliographical references (p. 106-110) and index.

Descriptors: Health-risk-assessment-Handbooks,-manuals,-etc;

Environmental-health-Handbooks,-manuals,-etc

NAL Call No.: PN4784.M4K36--1995

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42. Reporting on risk : a journalist's handbook. Risk.

Kamrin, M. A.; Katz, D. J.; Walter, M. L.; Michigan Sea Grant Program.

[Ann Arbor, MI] : Michigan Sea Grant College Program, [1994] ix, 116 p..

"April 1994." Walter ; edited by Martha L. Walter"--P. [2] of cover. Michigan Sea Grant College Program under grant number NA89AA-D-SG083 from the Office of Sea Grant, National Oceanic & Atmospheric Administration (NOAA), U.S. Department of Commerce and funds from the State of Michigan"--P. [2] of cover.

Descriptors: Journalism,-Medical-Handbooks,-manuals,-etc;

Health-risk-assessment-in-the-press-Handbooks,-manuals,-etc;

Environmental-health-Reporting-Handbooks,-manuals,-etc

NAL Call No.: PN4784.M4K36--1994

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43. Researching health risks.

United States. Congress. Office of Technology Assessment.

[Washington, D.C.?] : U.S. Congress, Office of Technology Assessment : [Supt. of Docs., U.S. G.P.O., distributor, 1993] vi, 44 p. : ill..

Shipping list no.: 93-0702-P.

Descriptors: Health-risk-assessment-Research-United-States;

Environmental-health-Research-United-States

NAL Call No.: RA427.3.R47--1993

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44. Risk as a criterion for determining environmental policy priorities.

Gough, J. D.; Lincoln University (Canterbury, N. Z. C. f. R. M.

Canterbury, [New Zealand] : Centre for Resource Management, [1992] ii, 84 p..

"August 1992."

Descriptors: Environmental-policy;

Risk-assessment-Environmental-aspects

NAL Call No.: HC79.E5G68--1992

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45. Risk assessment and communication related to water resources: January 1985-Dec 1993.

Makuch, J.; Emmert, B.

Quick-bibliogr-ser. Beltsville, Md., National Agricultural Library. Apr 1994. (94-27) 40 p.

Descriptors: water-resources; environmental-impact; environmental-impact-reporting; wastes-; public-health; risk-; bibliographies-

NAL Call No.: az5071.N3

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46. Risk assessment and procedure for unregulated landfills using fuzzy composite programming.

Hagemeister, M.; Jones, D. D.; Woldt, W. E.

Pap-Am-Soc-Agric-Eng. St. Joseph, Mich. : American Society of Agricultural Engineers,. Winter 1993. (93-5501/93-6510) 26 p.

Paper presented at the 1993 International Winter Meeting sponsored by The American Society of Agricultural Engineers, Dec 14-17, 1993, Chicago, Illinois.

Descriptors: landfills-; health-hazards; risk-;

environmental-assessment; analysis-; fuzzy-logic-analysis;

multi-criteria-assessment-system

NAL Call No.: 290.9-Am32P

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47. Risk assessment health-environment : a research programme during the period 1992/93-1994/95. Risk assessment health environment.

Sweden. Statens naturvardsverk.

[Solna, Sweden : Swedish Environmental Protection Agency, Information Department, 1992] 27 p..

Cover title.

Descriptors: Air-Pollution-Sweden;  
Air-Pollution-Health-aspects-Sweden  
NAL Call No.: RA566.5.S8R57--1992

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48. Risk assessment methods : approaches for assessing health and environmental risks.

Covello, V. T.; Merkhofer, M. W. 1.

New York : Plenum Press, c1993. xiv, 318 p. : ill., maps.  
Includes bibliographical references (p. 267-288) and index.

Descriptors: Health-risk-assessment-Methodology;  
Health-risk-assessment-Evaluation

NAL Call No.: RA427.3.C68--1993

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49. Risk assessment of hazardous chemical systems in developing countries.

Smith, K. R.; Carpenter, R. A.; Faulstich, M. S.

Honolulu, Hawaii (1777 East-West Rd., Honolulu 96848) : East-West Environment and Policy Institute, 1988. x, 140 p. : ill..

"This report is based on the Workshop on Risk Assessment of Hazardous Chemicals in Developing Countries held at the East-West Center, 6-24 July 1987, Honolulu, Hawaii."

Descriptors:

Hazardous-substances-Risk-assessment-Developing-countries

NAL Call No.: GE190.A78O33--no.5

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50. Risk assessment of organophosphorus pesticide dietary intake for the population of the city of Rome (Italy).

Leoni, V.; Caricchia, A. M.; Comi, R.; Martini, F.; Rodolico, S.; Vitali, M.

Bull-environ-contam-toxicol v.54, p.870-877. (1995).

Includes references.

Descriptors: organophosphorus-pesticides; pesticide-residues;  
food-contamination; intake-; diet-; risk-; monitoring-; latium-

NAL Call No.: RA1270.P35A1

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51. Risk assessment, strategies, and pollution prevention : papers from the 9th World Clean Air Congress, Towards the year 2000--critical issues in the global environment, Montreal, Quebec, Canada, August 30-September 4, 1992. Evaluation des risques a la sante, strategies, et prevention de la pollution. World Clean Air Congress (9th : 1992 : Montreal, Q.

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Descriptors: Air-quality-management-Congresses;

Health-risk-assessment-Congresses

NAL Call No.: TD881.W66--1992

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Guillebeau, L. P.

Am-entomol v.40, p.173-179. (1994).

Includes references.

Descriptors: pesticides-; risk-; regulations-; registration-;  
legislation-; usa-; risk-assessment; benefit-assessment;  
federal-insecticide,-fungicide,-and-rodenticide-act

NAL Call No.: QL461.A52

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53. The Role of health research in support of EPA's regulatory programs.

United States. Environmental Protection Agency. Office of Research and Development.

Washington, DC : U.S. Environmental Protection Agency, Office of Research and Development, [1990] x, 95 p..

Shipping list no.: 90-584-P.

Descriptors: United-States-Environmental-Protection-Agency;  
Health-risk-assessment-Research-United-States;  
Pollution-Research-United-States

NAL Call No.: RA427.3.R64--1990

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54. An SAB report : ecosystem management : imperative for a dynamic world. Ecosystem management: imperative for a dynamic world.

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Washington, DC : United States Environmental Protection Agency, Science Advisory Board, 1995. 1 v. (various pagings).

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Calabrese, E. J.; Stanek, E. J.

J-environ-sci-health,-Part-A,-Environ-sci-eng v.A29, p.517-530. (1994).

Includes references.

Descriptors: soil-ingestion; exposure-; risk-; contaminants-;  
pica-; risk-assessments

NAL Call No.: TD172.J6

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56. State groundwater regulation : guide to laws, standards, and risk assessment. State groundwater regulation guide.

Benjamin, S.; Belluck, D.

Washington, D.C. : BNA Books, c1994. xxv, 629 p..

Running title: State groundwater regulation guide.

Descriptors:

Water-Pollution-Law-and-legislation-United-States-States;  
Groundwater-Law-and-legislation-United-States-States

NAL Call No.: KF3790.Z95B45--1994

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Eastern Research Group, I. F.

Washington, DC : U.S. Environmental Protection Agency, [1991] 1 v. (various pagings) : ill..

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NAL Call No.: QH541.15.R57S86-1991

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58. Superfund : improved reviews and guidance could reduce inconsistencies in risk assessments : report to Congressional requesters. Improved reviews and guidance could reduce inconsistencies in risk assessments.  
United States. General Accounting Office.

Washington, D.C. : The Office ; Gaithersburg, MD (P.O. Box 6015, Gaithersburg 20884-6015) : The Office [distributor, 1994] 33 p. : ill..

Cover title.

Descriptors: Hazardous-wastes-Risk-assessment-United-States; Risk-assessment-Government-policy-United-States

NAL Call No.: TD1050.R57U55--1994

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59. Taking the environment seriously.  
Meiners, R. E.; Yandle, B.

Lanham, MD : Rowman & Littlefield, 1993. xiv, 270 p. : ill..  
Includes bibliographical references and index.

Descriptors: Environmental-policy-United-States; Environmental-protection-Law-and-legislation-United-States; Environmental-risk-assessment-United-States

NAL Call No.: GE180.T35--1993

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60. Toxicity of the blue-green alga (cyanobacterium) *Microcystisaeruginosa* in drinking water to growing pigs, as an animal model for human injury and risk assessment.  
Falconer, I. R.; Burch, M. D.; Steffensen, D. A.; Choice, M.; Coverdale, O. R.

Environ-toxicol-water-qual v.9, p.131-139. (1994).  
Includes references.

Descriptors: microcystis-aeruginosa; hepatotoxins-; drinking-water; toxicity-; risk-; animal-models; pigs-; man-  
Abstract: Hepatotoxins from blue-green algae are increasingly recognized as a potential hazard in drinking water supplies. The clinical consequences of ingestion include acute or chronic liver injury, with the possibility of enhanced susceptibility to, and growth of, liver tumors. To establish guidelines for water safety requires the demonstration of dose-dependent effects of toxicity and experimental determination of maximum "no-adverse-effect levels." This paper describes the use of growing pigs as a model for human injury resulting from *Microcystis* toxins in drinking water. Risk assessment calculations using a series of safety factors are carried out, resulting in a guideline level after incorporating an additional safety factor for tumor promotion of approximately 1.0 microgram toxins/L. With the *Microcystis* used for this trial, that concentration corresponds to 5000 cells/mL.

NAL Call No.: RA1221.T69

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61. Toxicology and risk assessment.  
Craigmill, A. L.; Wetzlich, S.; Draper, W. M.

Adv-chem-ser p.53-64. (1994).

In the series analytic: Environmental epidemiology: effects of environmental chemicals on human health / edited by W.M. Draper.

Descriptors: toxicology-; environmental-assessment; risk-; health-hazards; responses-; exposure-; structure-activity-relationships; dose-responses

Abstract: Toxicology and epidemiology are inextricably linked in recognizing and regulating chemical hazards. Although epidemiological studies are widely appreciated as the "gold standard" in human health risk assessment, for ethical reasons it is often impossible or unacceptable to base risk management decisions on human epidemiological data alone. The toxicological sciences identify potential hazards to human health by using experimental animal models, which act as surrogates to humans. This review provides an overview of toxicological risk assessment and its four principal components: hazard identification, dose-response assessment, exposure assessment, and risk characterization. The contrast between risk characterization for threshold toxicants and that for nonthreshold toxicants, a major distinction in regulatory toxicology, is considered. Reliance on new and more sophisticated scientific tools at each stage of risk assessment continues to strengthen the scientific basis of the process.

NAL Call No.: 381-Ad93

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62. Use of mechanistic information in risk assessment : proceedings of the 1993 EUROTOX Congress meeting held in Uppsala, Sweden, June 30-July 3, 1993.

Bolt, H. M.; Hellman, B. B. 1.; Dencker, L. L. 1.; EUROTOX Congress (1993 : Uppsala, S.

Berlin ; New York : Springer-Verlag, c1994. viii, 312 p. : ill.. Includes bibliographical references and index.

Descriptors: Toxicity-testing-Congresses; Pollution-Environmental-aspects-Congresses

NAL Call No.: RA1190.A7--Suppl.16

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63. Water contamination and health : integration of exposure assessment, toxicology, and risk assessment.

Wang, R. G. M. 1.

New York : Dekker, c1994. xiv, 524 p. : ill..

Includes bibliographical references and index.

Descriptors: Water-Pollution-Health-aspects; Water-Toxicology; Health-risk-assessment;

Water-Pollution-Health-asepects-United-States

NAL Call No.: RA591.W32--1994

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64. Worst things first? : the debate over risk-based national environmental priorities.

Finkel, A. M.; Golding, D.

Washington, DC : Resources for the Future, c1994. xiv, 348 p. : ill..

Papers presented at a conference held from November 15 to 17, 1992, in Annapolis, Maryland. Should we-and can we-reduce the

worst risks first? / Adam M. Finkel -- Rationalism and redemocratization: time for a truce / Alice M. Rivlin -- EPA's vision for setting national environmental priorities / F. Henry Habicht II -- An overview of risk-based priority setting at EPA / Charles W. Kent, Frederick W. Allen -- Integrating science, values, and democracy through comparative risk assessment / Jonathan Lash -- A proposal to address, rather than rank, environmental problems / Mary O'Brien. too much? / Dale Hattis, Robert L. Goble -- Quantitative risk.  
Descriptors:  
Environmental-risk-assessment-United-States-Congresses;  
Environmental-policy-United-States-Congresses  
NAL Call No.: GE145.W67--1994

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