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

January 1985 - December 1993  
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Water Quality Information Center

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## Risk Assessment and Communication Related to Water Resources

1 NAL Call. No.: TD171.C57

Acceptable risk? making decisions in a toxic environment.  
Clarke, Lee Ben  
Berkeley : University of California Press, ; 1989.  
xiii, 229 p ; 24 cm. Includes index. Bibliography: 201-217.

Language: English

Descriptors: Environmental protection; United States; Risk assessment; United States; Environmental health; United States; Environmental policy; United States

2 NAL Call. No.: KF27.P89632 1992a

Administration of the federal Superfund program hearings before the Subcommittee on Investigations and Oversight of the Committee on Public Works and Transportation, House of Representatives, One Hundred Second Congress, second session, May 19, 1992 (liability issues), June 9, 1992 (risk assessment), June 30, 1992 (selection of remedy), July 28, 29, 1992 (federal facilities), September 15, 1992 (innovative and alternative cleanup technologies).  
United States. Congress. House. Committee on Public Works and Transportation. Subcommittee on Investigations and Oversight  
Washington : U.S. G.P.O. : For sale by the U.S. G.P.O., Supt. of Docs., Congressional Sales Office, ; 1993; Y 4.P 96/11:102-73.  
x, 1223 p. : ill., maps ; 24 cm. Distributed to some depository libraries in

microfiche. Shipping list no.: 93-0219-P. 102-73. Includes bibliographical references.

Language: English

Descriptors: Liability for hazardous substances pollution damages; Hazardous wastes; Hazardous waste sites

3 NAL Call. No.: RA1199.4.A54N38 1991

Animals as sentinels of environmental health hazards.  
National Research Council (U.S.). Committee on Animals as Monitors of Environmental Hazards  
Washington, D.C. : National Academy Press,; 1991.  
xii, 160 p. : ill. ; 23 cm. Includes bibliographical references (p. 137-158).

Language: English

Descriptors: Toxicology; Biological monitoring; Health risk assessment

4 NAL Call. No.: RA422.C65

Applicability of U.S. EPA Risk Assessment Guidelines for Chemical Mixtures.  
Lutkenhoff, S.D.; Hertzberg, R.C.; Sonich-Mullin, C.  
Columbia, Mo. : The Conference; 1988.  
Trace substances in environmental health : proceedings of the University of Missouri's annual conference on Trace Substances in Environmental Health v. 22:  
p. 163-193. ill; 1988. Includes references.

Language: English

Descriptors: Drinking water; Chemical composition; Environmental factors; Water pollution; Health hazards

5 NAL Call. No.: GB1399.I59 1986

Application of frequency and risk in water resources proceedings of the International Symposium on Flood Frequency and Risk Analyses, 14-17 May 1986, Louisiana State University, Baton Rouge, U.S.A..  
Singh, V. P.  
International Symposium on Flood Frequency and Risk Analyses 1986 : Louisiana State University, Baton Rouge.  
Dordrecht ; Boston : D. Reidel Pub. Co. ; Norwell, MA, U.S.A. : Sold and distributed in the U.S.A. and Canada by Kluwer Academic Publishers,; 1987. xii, 502 p. : ill., maps ; 25 cm. Includes bibliographies and indexes.

Language: English

Descriptors: Floods; Congresses; Water resources development; Congresses

6 NAL Call. No.: TD420.A1P7

The application of risk assessment techniques to microbial monitoring data: A South African perspective.  
Rodda, N.; Amory, A.; Kfir, R.  
Oxford : Pergamon Press; 1993.  
Water science and technology : a journal of the International Association on Water Pollution Research and Control v. 27 (3/4): p. 145-150; 1993. In the series analytic: Health-related water microbiology 1992 / edited by R.W. Morris, W.O.K. Grabow and A.P. Dufour. Proceedings of an International Symposium, Water Quality International '92, Sixteenth Biennial Conference and Exposition, International Association on Water Pollution Research and Control, May 24-30, 1992, Washington, D.C. Includes references.

Language: English

Descriptors: South Africa; Drinking water; Microbial contamination; Viruses; Health hazards; Monitoring

7 NAL Call. No.: TD172.A7

An approach to environmental risk assessment using avian toxicity tests.  
Shirazi, M.A.; Bennett, R.S.; Lowrie, L.  
New York, N.Y. : Springer-Verlag; 1988 Mar.  
Archives of environmental contamination and toxicology v. 17 (2): p. 263-271; 1988 Mar. Includes references.

Language: English

Descriptors: Environmental pollution; Contaminants; Pesticides; Toxicity; Detection; Coturnix coturnix

8

NAL Call. No.: QH545.W3S95

Aquatic toxicology and risk assessment.  
ASTM Committee E-47 on Biological Effects and Environmental Fate, ASTM Committee E-47 on Biological Effects and Environmental Fate, Subcommittee E47.01 on Aquatic Toxicology Symposium on Aquatic Toxicology and Risk Assessment. Philadelphia, PA : ASTM, 1990-; 1989-9999.  
Aquatic toxicology and risk assessment. v. : ill. ; 24 cm; 1989-9999. (ASTM special technical publication.). Contains papers from the Symposium on Aquatic Toxicology and Risk Assessment, sponsored by ASTM Committee E-47 on Biological Effects and Environmental Fate and its Subcommittee E47.01 on Aquatic Toxicology.

Language: English; English

Descriptors: Aquatic animals; Aquatic plants; Water; Water quality bioassay

9

NAL Call. No.: NBUQH545 W3 A676 1991

Aquatic toxicology and risk assessment fourteenth volume.  
Mayes, Monte A.; Barron, Mace G.  
ASTM Committee E-47 on Biological Effects and Environmental Fate Symposium on Aquatic Toxicology and Risk Assessment 14th : 1990 : San Francisco, Calif. Philadelphia, Pa. : ASTM,; 1991.  
383 p. : ill. ; 24 cm. (ASTM special technical publication ; 1124). The 14th Symposium on Aquatic Toxicology and Risk Assessment, held in San Francisco, Calif., 22-24 April, 1990, was sponsored by ASTM Committee E-47 on Biological Effects and Environmental Fate. Includes bibliographical references and index.

Language: English

Descriptors: Water; Water quality bioassay; Environmental impact analysis

10

NAL Call. No.: NBUQH545 W3 A676 1990

Aquatic toxicology and risk assessment Thirteenth volume.  
Landis, Wayne G.; Schalie, William H. van der  
ASTM Committee E-47 on Biological Effects and Environmental Fate, ASTM Committee E-47 on Biological Effects and Environmental Fate, Subcommittee E47.01 on Aquatic Toxicology Philadelphia, PA : ASTM,; 1990.  
378 p. : ill. maps ; 24 cm. (ASTM special technical publication ; 1096). "The 13th Symposium on Aquatic Toxicology and Risk Assessment was held in Atlanta, Georgia, on 16-18 April 1989."--Foreword. "The event was sponsored by ASTM Committee D-47 on Biological Effects and Environmental Fate and its Subcommittee E47.01 on Aquatic Toxicology."--Foreword. Includes bibliographical references and indexes.

Language: English

Descriptors: Water; Pollution; Toxicology; Congresses; Water; Pollution; Environmental aspects; Congresses; Hazardous substances; Risk assessment; Congresses; Risk assessment; Congresses

11

NAL Call. No.: HC79.E5E5

Assessing ecological risk on a regional scale.  
Hunsaker, C.T.; Graham, R.L.; Suter, G.W. II; O'Neill, R.V.; Barnthouse, L.W.; Gardner, R.H.  
New York, N.Y. : Springer-Verlag; 1990 May.  
Environmental management v. 14 (3): p. 325-332; 1990 May. Includes references.

Language: English

Descriptors: Landscape ecology; Risk; Assessment; Uncertainty; Environmental impact; Hazards; Regions; Terminology

12

NAL Call. No.: RA565.A1J6

Assessment of the human health risks posed by exposure to chromium-contaminated soils.  
Sheehan, P.J.; Meyer, D.M.; Sauer, M.M.; Paustenbach, D.J.  
New York, N.Y. : Hemisphere Publishing; 1991 Feb.  
Journal of toxicology and environmental health v. 32 (2): p. 161-201; 1991 Feb.  
Literature review. Includes references.

Language: English

Descriptors: U.S.A.; Chromium; Contaminants; Polluted soils; Toxicity; Carcinogens; Uptake; Bioavailability; Health hazards; Risk; Assessment

13

NAL Call. No.: RA566.27.U55 1992

ATSDR public health assessment guidance manual.  
United States. Agency for Toxic Substances and Disease Registry  
Boca Raton [FL] : Lewis Publishers; 1992.  
xiv, various pagings (ca. 350 p.) : ill. ; 27 cm. Includes bibliographical references.

Language: English

Descriptors: Health risk assessment; Environmental health

14

NAL Call. No.: TD433.B5

Biohazards of drinking water treatment.  
Larson, Richard A.  
Chelsea, MI : Lewis; 1989.  
ix, 293 p. : ill. ; 25 cm. " First presented as papers at a symposium of the Environmental Chemistry Division of the American Chemical Society at its 194th national meeting, held in New Orleans, Louisiana, in September 1987."--Pref.  
Includes bibliographies and index.

Language: English

Descriptors: Drinking water; Purification; Drinking water; Contamination; Health risk assessment

15

NAL Call. No.: QD1.A45 no.382

Biological monitoring for pesticide exposure measurement, estimation, and risk reduction.  
Wang, Rhoda G. M.,  
American Chemical Society, Division of Agrochemicals, American Chemical Society, Meeting\_1987 :\_New Orleans, La.)  
Washington, DC : American Chemical Society; 1989.  
x, 387 p. : ill. ; 24 cm. (ACS symposium series ; 382). Developed from a symposium sponsored by the Division of Agrochemicals at the 194th meeting of the American Chemical Society, New Orleans, Louisiana, August 30-September 4, 1987. Includes bibliographies and indexes.

Language: English

Descriptors: Pesticides; Toxicology; Congresses; Biological monitoring; Congresses; Agricultural workers; Health risk assessment; Congresses

16

NAL Call. No.: RA565.R63 1992

Calculated risks understanding the toxicity and human health risks of chemicals in our environment.  
Rodricks, Joseph V.,  
Cambridge ; New York, NY : Cambridge University Press; 1992.  
xxvi, 256 p. : ill. ; 24 cm. Includes bibliographical references (p. 236-247) and index.

Language: English

Descriptors: Environmental health; Toxicology; Pollution; Health risk assessment

17

NAL Call. No.: 389 M87

Carcinogen risk assessment.  
Hazelwood, R.N.  
Orlando, Fla. : Academic Press; 1987.  
Advances in food research v. 31: p. 1-51; 1987. Includes references.

Language: English

Descriptors: Diet; Pollution; Carcinoma; Carcinogens; Risks; Assessment;  
Epidemiology

18 NAL Call. No.: aS21.R44A7

Chemicals in water: getting a handle on health risks.  
Wilkinson, C.F.  
Beltsville, Md. : The Service; 1990 Jun.  
ARS - U.S. Department of Agriculture, Agricultural Research Service (81): p.  
33-44; 1990 Jun. Paper presented at the International Symposium on Water  
Quality Modeling of Agricultural Non-Point Sources, part 1, June 19-23, 1988,  
Logan, Utah. Includes references.

Language: English

Descriptors: Water supply; Water quality; Residues; Risk; Groundwater  
pollution

19 NAL Call. No.: RA567.5.U5D4

Development of risk assessment methodology for surface disposal of municipal  
sludge.  
United States, Environmental Protection Agency, Environmental Criteria and  
Assessment Office (Cincinnati, Ohio)  
Cincinnati, OH : Environmental Criteria and Assessment Office, Office of  
Health and Environmental Assessment, Office of Research and Development, U.S.  
Environmental Protection Agency; 1990.  
1 v. (various pagings) : ill., map ; 28 cm. August 1990. EPA/600/6-90/001.  
Includes bibliographical references (p. 8-1--8-6).

Language: English; English

Descriptors: Health risk assessment; United States; Sewage sludge;  
Environmental aspects; United States; Sewage sludge; United States; Recycling;  
Sewage sludge precipitants; Recycling; Sewage sludge precipitants;  
Environmental aspects; United States; Sewage disposal; Environmental aspects;  
United States

20 NAL Call. No.: KF27.P89632 1988

Diffuse toxic pollutants in the Great Lakes ecosystem hearing before the  
Subcommittee on Investigations and Oversight of the Committee on Public Works  
and Transportation, U.S. House of Representatives, One Hundredth Congress,  
second session, April 14, 1988.  
United States. Congress. House. Committee on Public Works and Transportation.  
Subcommittee on Investigations and Oversight  
Washington, [D.C.] : U.S. G.P.O. : For sale by the Supt. of Docs.,  
Congressional Sales Office, U.S. G.P.O.; 1988; Y 4.P 96/11:100-48.  
iii, 108 p. : ill., 1 map ; 23 cm. Distributed to some depository libraries in  
microfiche. 100-48. Includes bibliographies.

Language: English; English

Descriptors: Biotic communities; Great Lakes Region; Water; Pollution;  
Toxicology; Great Lakes; Health risk assessment; Great Lakes Watershed;  
Environmental health; Research; United States

21 NAL Call. No.: QH541.15.R57E25 1993

Ecological risk assessment.  
Suter, Glenn W.; Barnthouse, L. W.  
Boca Raton : Lewis Publishers; 1992.  
xiv, 538 p. : ill. ; 25 cm. Includes bibliographical references (p. 403-496)  
and index.

Language: English

Descriptors: Ecological risk assessment

22 NAL Call. No.: QH541.15.R57B37 1992

Ecological risk estimation.  
Bartell, Steven M.; Gardner, R. H.; O'Neill, R. V.  
Chelsea, Mich. : Lewis Publishers; 1992.  
252 p. : ill. ; 24 cm. Includes bibliographical references and index.

Language: English

Descriptors: Ecological risk assessment

23 NAL Call. No.: RA1190.R42

Ecosystem health. IV. The National Animal Poison Information Network Database as a tool for ecological risk assessment.  
Beasley, V.R.; Schaeffer, D.J.  
Duluth, Minn. : Academic Press; 1989 Aug.  
Regulatory toxicology and pharmacology : RTP v. 10 (1): p. 63-73; 1989 Aug.  
Includes references.

Language: English

Descriptors: Health hazards; Animals; Poisoning; Toxicology; Information services

24 NAL Call. No.: TD420.A1E5

Ecotoxicity and ecological risk assessment.  
Bascietto, J.; Hinckley, D.; Plafkin, J.; Slimak, M.  
Washington, D.C. : American Chemical Society; 1990 Jan.  
Environmental science & technology v. 24 (1): p. 10-15. ill; 1990 Jan. First of a series. Subtitle: Regulatory applications at EPA. Includes references.

Language: English

Descriptors: U.S.A.; Environmental protection; Environmental pollution; Government organizations; Regulations; Ecology; Risks; Assessment; Pesticide residues; Toxic substances; Water composition and quality; Health hazards

25 NAL Call. No.: 275.29 F22

Effective communication about risk.  
Kendall, P.  
Oak Brook, Ill. : Farm Foundation; 1990.  
Increasing understanding of public problems and policies. p. 84-91; 1990. Paper presented at the 40th National Public Policy Education Conference, September 17-20, 1990, Park City, Utah. Includes references.

Language: English

Descriptors: Food safety; Water quality; Risk; Communication; Decision making; Social participation

26 NAL Call. No.: RA1190.R42

Elaboration of a practical method for priority selections and risk assessment among existing chemicals.  
Sampaolo, A.; Binetti, R.  
Orlando, Fla. : Academic Press; 1986 Jun.  
Regulatory toxicology and pharmacology v. 6 (2): p. 129-154; 1986 Jun.  
Includes 59 references.

Language: English

Descriptors: Toxic substances; Air pollution; Air pollutants; European communities; Toxicity; Pesticide residues; Pesticides; Pesticide side effects

27 NAL Call. No.: TD193.5.P93

Environmental risk assessment for New Zealand a guide for decision makers.  
Pyle, Eric; Gough, J. D.  
Lincoln College (University of Canterbury), Centre for Resource Management  
Canterbury [N.Z.] : Centre for Resoruce Management, Lincoln University; 1991.  
iii, 46 p. : ill., map ; 30 cm. (Information paper (Lincoln College (University of Canterbury). Centre for Resource Management) ; no. 29.). July 1991. Includes bibliographical references (p. 41-44).

Language: English

Descriptors: Pollution; Risk assessment

28

NAL Call. No.: TD194.6.A23 1988

Environmental risk assessment proceedings of the 9th annual session of the Academy of Environmental Biology, India & Symposium on "Environmental Risk Assessment and Management", 29-31 December 1988 held at Jai Research Foundation, Valvada (Gujarat).

Sahai, Y. N.

Academy of Environmental Biology, India. National Symposium 1988 : Jai Research Foundation, Valvada)

Muzaffarnagar, India : The Academy,; 1989.

xxxix, 308 p. : ill. ; 24 cm. "The remaining papers will be published by Jai Research Foundation, Valvada (Gujarat) in another volume entitled 'Environment and experimental toxicology' "--Pref. Includes bibliographical references.

Language: English

Descriptors: Environmental impact analysis; Congresses; Pollution; Toxicology; Congresses

29

NAL Call. No.: TD196.P38L66

Estimates of human exposure to pesticides through drinking water: a preliminary risk assessment.

Richards, R.P.; Baker, D.B.

Chelsea, Mich. : Lewis Publishers; 1990.

Long range transport of pesticides / David A. Kurtz, editor. p. 387-403. maps; 1990. Includes references.

Language: English

Descriptors: Alachlor; Atrazine; Cyanazine; Metolachlor; Nitrates; Nitrites; Public health; Risk; Water pollution; Drinking water

30

NAL Call. No.: QH540.F85

Estimation of SO2 effect thresholds for heathland species.

Dueck, T.A.; Eerden, L.J. van der; Berdowski, J.J.M.

Oxford, U.K. : British Ecological Society; 1992.

Functional ecology v. 6 (3): p. 291-296; 1992. Includes references.

Language: English

Descriptors: Utrecht; Friesland; Heathland; Calluna vulgaris; Monocotyledons; Dicotyledons; Bryophyta; Air pollution; Sulfur dioxide; Phytotoxicity; Indicator plants; Root shoot ratio; Dry matter accumulation; Chlorosis; Risk

31

NAL Call. No.: TX501.R48

Ethylene dibromide: toxicology and risk assessment.

Alexeeff, G.V.; Kilgore, W.W.; Li, M.Y.

New York, N.Y. : Springer-Verlag; 1990.

Reviews of environmental contamination and toxicology v. 112: p. 49-122; 1990. Includes references.

Language: English

Descriptors: Ethylene dibromide; Toxicology; Risk; Assessment

32

NAL Call. No.: QH545.A1E58

A European perspective on ecological risk assessment, illustrated by pesticide registration procedures in the United Kingdom.

Greig-Smith, P.W.

Tarrytown, N.Y. : Pergamon Press; 1992 Dec.

Environmental toxicology and chemistry v. 11 (12): p. 1673-1689; 1992 Dec.

Literature review. Includes references.

Language: English

Descriptors: Uk; Pesticides; Registration; Environmental assessment; Pollution; Hazards; Risk; Prediction; Decision making; Uncertainty; Toxicity;

Literature reviews

33

NAL Call. No.: QH540.S8 no.41

Evaluation of environmental data for regulatory and impact assessment.  
Ramamoorthy, S.; Baddaloo, Earle G.  
Amsterdam ; New York : Elsevier ; New York, NY : Distributors for the United States and Canada, Elsevier Science Pub. Co.,; 1991.  
x, 466 p. : ill. ; 25 cm. (Studies in environmental science ; 41). Includes bibliographical references and index.

Language: English

Descriptors: Pollution; Environmental impact analysis; Risk assessment

34

NAL Call. No.: TD788.F3

Facing America's trash what's next for municipal solid waste?.  
United States, Congress, Office of Technology Assessment  
Washington, DC : Congress of the U.S. Office of Technology Assessment : for sale by the Supt. of Docs., U.S. G.P.O.,; 1989.  
viii, 377 p. : ill. ; 26 cm. "October 1989"--P. [4] of cover.  
"OTA-O-424"--P. [4] of cover. Includes bibliographical references and index.

Language: English; English

Descriptors: Refuse and refuse disposal; United States; Hazardous wastes; Environmental aspects; United States; Health risk assessment; United States; Sanitary engineering; United States; Environmental policy; United States

35

NAL Call. No.: TD420.A1E5

Farming with agrochemicals: the response of wildlife.  
Kendall, R.J.  
Washington, D.C. : American Chemical Society; 1992 Feb.  
Environmental science & technology v. 26 (2): p. 238-245; 1992 Feb. Includes references.

Language: English

Descriptors: U.S.A.; Pesticides; Wildlife; Toxicology; Risk; Assessment; Ecology; Environmental protection; Public agencies; Toxicity; Testing

36

NAL Call. No.: GB1399.2.F42

Feasibility of assigning a probability to the probable maximum flood.  
United States, Interagency Advisory Committee on Water Data, Hydrology Subcommittee, Geological Survey (U.S.), Office of Water Data Coordination S.l. : Office of Water Data Coordination,; 1986.  
viii, 79 p. : ill. ; 28 cm. Includes bibliographical references.

Language: English

Descriptors: Flood forecasting; Mathematical models

37

NAL Call. No.: 79.9 S08 (P)

Finding a common ground.  
Oliver, L.R.  
Raleigh, N.C. : The Society :.; 1990.  
Proceedings - Southern Weed Science Society v. 43: p. 1-10; 1990. 43rd Annual Meeting on "Risk/Benefit: A Way of Life" held January 15-17, 1990, Atlanta, Georgia. Includes references.

Language: English

Descriptors: Pesticides; Risk; Assessment; Safety; Environmental protection; Opinions

38

NAL Call. No.: GB1399.I58 1986

Flood hydrology proceedings of the International Symposium on Flood Frequency and Risk Analyses, 14-17 May 1986, Louisiana State University, Baton Rouge, U.S.A..  
Singh, V. P.

International Symposium on Flood Frequency and Risk Analyses 1986 : Louisiana State University, Baton Rouge. Dordrecht ; Boston : D. Reidel Pub. Co. ; Norwell, MA, U.S.A. : Sold and distributed in the U.S.A. and Canada by Kluwer Academic Publishers,; 1987. xii, 429 p. : ill. ; 25 cm. Includes bibliographies and indexes.

Language: English

Descriptors: Floods; Congresses

39 NAL Call. No.: QH541.15.R57F72 1992

Framework for ecological risk assessment. United States, Environmental Protection Agency, Risk Assessment Forum Washington, D.C. : U.S. Environmental Protection Agency,; 1992. xv, 41 p. : ill. ; 28 cm. Risk Assessment Forum. EPA/630/R-92/001. February 1992. Includes bibliographical references (p. 39-41).

Language: English

Descriptors: Hazardous wastes; Ecological risk assessment

40 NAL Call. No.: QD1.A45

Groundwater and surface water risk assessments for proposed golf courses. Cohen, S.Z.; Durborow, T.E.; Barnes, N.L. Washington, D.C. : The Society; 1993. ACS Symposium series - American Chemical Society (522): p. 214-227; 1993. In the series analytic: Pesticides in urban environments: Fate and significance / edited by K.D. Racke and A.R. Leslie. Paper presented at the 203rd National Meeting of the American Chemical Society, April 5-10, 1992, San Francisco, California. Includes references.

Language: English

Descriptors: Hawaii; Massachusetts; Golf courses; Golf green soils; Herbicide residues; Insecticide residues; Leaching; Leachates; Runoff; Surface water; Water pollution; Groundwater pollution; Mathematical models; Simulation models; Risk; Fungicides; Pesticide residues; Fertilizers; Nitrogen

Abstract: Proposed golf course developments usually require environmental impact statements in the U.S. Concerns about ground water, surface water, and near-shore coastal water quality and wetlands often require state-of-the-art risk assessments and complex computerized simulation modeling. It is extremely important to obtain site-specific data for these risk assessments. Thus soil sampling, test borings, stream surveys, and coastal surveys are often done. Daily weather records are obtained or generated. The new PRZM-VADOFT model pair is used for leaching assessments, even though nonlinear adsorption isotherms cannot be used. The SWRRBWQ model is difficult to use but it is appropriate for the modeling of complex drainage patterns at the basin and sub-basin scale, as with golf courses. Annual and storm-event runoff values are computed for pesticides, nutrients, runoff water, and sediments. It is best used for areas expected to experience appreciable runoff. EXAMS II provides useful predictions of stream water quality. An uncertainty analysis is a critical but often overlooked part of modeling. These results help fine tune proposed turf management programs and may indicate the need for design changes. Risk assessments in Hawaii are especially complex; they often indicate the need for detention basins.

41 NAL Call. No.: QD1.A45

Groundwater contamination by atrazine and its metabolites: Risk assessment, policy, and legal implications. Belluck, D.A.; Benjamin, S.L.; Dawson, T. Washington, D.C. : The Society; 1991. ACS Symposium series - American Chemical Society (459): p. 254-273; 1991. In the series analytic: Pesticide Transformation Products: Fate and significance in the environment / edited by L. Somasundaram and J.R. Coats. Literature review. Includes references.

Language: English

Descriptors: U.S.A.; Canada; Atrazine; Contaminants; Degradation; Groundwater; Herbicide residues; Metabolites; Monitoring; Toxicity; Water pollution; Law; Literature reviews; Risk

42 NAL Call. No.: TD426.G792 1990

Groundwater contamination risk assessment a guide to understanding and managing uncertainties.

Reichard, Eric George  
International Hydrological Programme, International Commission on Groundwater, Working Group on Groundwater Contamination Risk Assessment, International Association of Hydrological Sciences  
Wallingford, U.K. : International Association of Hydrological Sciences,; 1990. xii, 204 p. : ill. ; 24 cm. (IAHS publication ; no. 196). A contribution by the United States to the International Hydrological Programme of UNESCO. Includes bibliographical references and index.

Language: English

Descriptors: Groundwater flow; Water, Underground; Hydrology

43 NAL Call. No.: SB1.J66

Growth of perennials and leaching of heavy metals in media amended with a municipal leaf, sewage sludge and street sand compost.  
Bugbee, G.J.; Frink, C.R.; Migneault, D.  
Washington, D.C. : Horticultural Research Institute; 1991 Mar.  
Journal of environmental horticulture v. 9 (1): p. 47-50; 1991 Mar. Includes references.

Language: English

Descriptors: Connecticut; Aster novi-belgii; Onagraceae; Sedum telephium; Container grown plants; Perennials; Growing media; Mixtures; Waste utilization; Refuse compost; Leaf mold; Sewage sludge; Sand; Topsoil; Peat; Liquid fertilizers; Nutrient solutions; Leachates; Heavy metals; Ph; Cadmium; Chromium; Copper; Manganese; Nickel; Lead; Zinc; Risk; Assessment; Pollutants; Growth rate; Soil physical properties

44 NAL Call. No.: GC1212.M3G84 1992

The Gulf of Maine proceedings of a seminar held May 22, 1989, Washington, D.C..  
Townsend, David W.; Larsen, Peter F.  
United States, NOAA Coastal Ocean Program Office  
Washington, D.C. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, NOAA Coastal Ocean Program Office,; 1992; C 55.49/2:1.  
[1], iv, 135 p. : ill., maps ; 28 cm. (NOAA coastal ocean program regional synthesis series ; no. 1). "Part of the former "Estuary-of-the-month" series"--P. [1, 1st group]. Shipping list no.: 92-0279-P. "February 1992"--Cover. Includes bibliographical references.

Language: English; English

Descriptors: Marine pollution; Marine resources conservation; Ecological risk assessment

45 NAL Call. No.: TD427.P35H4

Health advisories for 16 pesticides.  
United States. Environmental Protection Agency. Office of Drinking Water  
Washington, D.C. : The Office,; 1987, reprinted 1987.  
262 p. ; 28 cm. March, 1987. PB 87-200176. Includes bibliographies.

Language: English

Descriptors: Pesticides; Environmental aspects; Measurement; Drinking water; Analysis; Health risk assessment

46 NAL Call. No.: HD9001.N46 no.1

Health and safety regulation of small, high-risk subpopulations.  
Williams, Richard A., Jr; Brown, Robert N.  
University of Connecticut, Food Marketing Policy Center  
Storrs, Conn. : Food Marketing Policy Center, Dept. of Agricultural Economics and Rural Sociology, University of Connecticut,; 1991.  
27 leaves ; 28 cm. (NE-165 private strategies, public policies and food system performance. Working paper series ; WP-1). Includes bibliographical references (leaves 21-27).

Language: English; English

Descriptors: Hazardous substances; Public administration; Risk assessment

Health effects from hazardous waste sites.

Andelman, Julian B.; Underhill, D. W.

University of Pittsburgh, Center for Environmental Epidemiology, United States, Environmental Protection Agency Symposium on Environmental Epidemiology 4th : 1983 : University of Pittsburgh Graduate School of Public Health.

Chelsea, Mich. : Lewis Publishers,; 1987.

xii, 294 p. : ill. ; 25 cm. "Based on presentations at the Fourth Annual Symposium on Environmental Epidemiology, held at the University of Pittsburgh Graduate School of Public Health in May of 1983, and organized by the University of Pittsburgh Center for Environmental Epidemiology, with sponsorship and funding by the U.S. Environmental Protection Agency"--Pref. Includes bibliographies and index.

Language: English

Descriptors: Hazardous waste sites; Hygienic aspects; Evaluation; Congresses; Health risk assessment; Congresses; Hazardous waste sites; Hygienic aspects; United States; Case studies; Congresses

Health risk analysis of ground water nitrate contamination.. University of Nebraska--Lincoln thesis : Interdepartmental Area of Engineering

Curtis, Bruce A.

1992; 1992.

1 v. (various pagings) : ill. ; 28 cm. Includes bibliographical references.

Language: English

Health risk analysis of human exposures to soil amended with sewage sludge contaminated with polychlorinated dibenzodioxins and dibenzofurans.

Eschenroeder, A.; Jaeger, R.J.; Ospital, J.J.; Doyle, C.P.

Manhattan, Kan. : American Academy of Veterinary and Comparative Toxicology; 1986 Oct.

Veterinary and human toxicology v. 28 (5): p. 435-442; 1986 Oct. Includes references.

Language: English

Descriptors: Sewage sludge; Polychlorinated dibenzofurans; Soil contamination; Soil amendments; Public health; Farm workers; Toxicity

Herbicides and forest ecosystems--approaches to risk communication.

McMahon, C.K.

Raleigh, N.C. : The Society :.; 1992.

Proceedings - Southern Weed Science Society v. 45: p. 154-170; 1992. Meeting held on January 20-22, 1992, Little Rock, Arkansas. Includes references.

Language: English

Descriptors: Herbicides; Forest ecology; Communication; Risk; Comparisons; Communication theory

H.R. 4192, the Risk Assessment Research and Demonstration Act of 1983 hearings before the Subcommittee on Natural Resources, Agriculture Research, and Environment of the Committee on Science and Technology, U.S. House of Representatives, Ninety-eighth Congress, second session, May 17, June 5, 1984.. HR 4192, the Risk Assessment Research and Demonstration Act of 1983 United States. Congress. House. Committee on Science and Technology. Subcommittee on Natural Resources, Agriculture Research, and Environment

Washington, [D.C.] : U.S. G.P.O.,; 1985.

iii, 450 p. : ill., 1 form ; 24 cm. Distributed to some depository libraries in microfiche. No. 145. Item 1025-A-1, 1025-A-2 (microfiche). Includes bibliographies.

Language: English; English

Descriptors: Technology assessment; Law and legislation; United States; Risk; United States

52 NAL Call. No.: GB1399.I5 1986

Hydrologic frequency modeling proceedings of the International Symposium on Flood Frequency and Risk Analyses, 14-17 May 1986, Louisiana State University, Baton Rouge, U.S.A..  
Singh, V. P.  
International Symposium on Flood Frequency and Risk Analyses 1986 : Louisiana State University, Baton Rouge.  
Dordrecht ; Boston : D. Reidel Pub. Co. ; Norwell, MA, U.S.A. : Sold and distributed in the U.S.A. and Canada by Kluwer Academic Publishers,; 1987.  
xiii, 645 p. : ill., maps ; 25 cm. Includes bibliographies and indexes.

Language: English

Descriptors: Floods; Mathematical models; Congresses

53 NAL Call. No.: SB950.2.A1J58

If not risk assessment, then what?..  
O'Brien, M.  
Eugene, Or. : The Coalition; 1990.  
Journal of pesticide reform : a publication of the Northwest Coalition for Alternatives to Pesticides v. 10 (1): p. 2-6; 1990. Includes references.

Language: English

Descriptors: Environmental protection; Risk; Assessment; Toxic substances; Fosamine; Legislation; Regulations

54 NAL Call. No.: RA422.C65

Immunotoxicity and risk assessment of pesticides in drinking water.  
Sriharan, S.; Vanderslice, R.R.; Ohanian, E.V.  
Columbia, Mo. : The Conference; 1988.  
Trace substances in environmental health : proceedings of the University of Missouri's annual conference on Trace Substances in Environmental Health v. 22: p. 56-67; 1988. Includes references.

Language: English

Descriptors: Drinking water; Pesticides; Water pollution

55 NAL Call. No.: RA422.C65

Immunotoxicology and risk assessment of drinking water contaminants.  
Koller, L.D.  
Columbia, Mo. : The Conference; 1987.  
Trace substances in environmental health : proceedings of the University of Missouri's annual conference on Trace Substances in Environmental Health (21st): p. 247-252; 1987. Includes references.

Language: English

Descriptors: Drinking water; Water pollution; Contaminants; Immune response; Toxicology; Disinfectants

56 NAL Call. No.: RA566.4.N5H36 1988

Improving dialogue with communities a risk communication manual for government : submitted to New Jersey Department of Environmental Protection, Division of Science & Research.. Risk communication manual for government  
Hance, Billie Jo; Chess, Caron; Sandman, Peter M.  
New Jersey, Dept. of Environmental Protection, Division of Science & Research, New Jersey Agricultural Experiment Station, Environmental Communication Research Program  
Trenton, N.J. (CN 409, Trenton 08625) : The Division,; 1988.  
ix, 83, I-3, II-1, III-1, IV-1 ; 28 cm. Spine title: A risk communication manual for government. Includes bibliographical references (p. III-1).

Language: English; English

Descriptors: Environmental health; Health risk assessment

57

NAL Call. No.: TD172.J6

The inadequacy of commonly used risk assessment guidance for determining whether solvent-contaminated soils can affect groundwater at arid sites. Korte, N.E.; Kearl, P.M.; Gleason, T.A.; Beale, J.S. New York, N.Y. : Marcel Dekker; 1992 Dec. Journal of environmental science and health : Part A : Environmental science and engineering v. 27 (8): p. 2251-2261; 1992 Dec. Includes references.

Language: English

Descriptors: California; Soil pollution; Solvents; Arid regions; Groundwater pollution; Liquids; Leaching; Pollutants; Movement in soil; Risk; Assessment; Guidance; Equations; Vapor

58

NAL Call. No.: HC79.E5E5

Indicators of ecosystem recovery. Kelly, J.R.; Harwell, M.A. New York, N.Y. : Springer-Verlag; 1990 Sep. Environmental management v. 14 (5): p. 527-545; 1990 Sep. In the series analytic: Recovery of lotic communities and ecosystems following disturbance: theory and application / edited by J.D. Yount and G.J. Niemi. Includes references.

Language: English

Descriptors: Aquatic environment; Recovery; Indicators; Stress; Risk; Assessment; Freshwater ecology; Variation

59

NAL Call. No.: DISS F1990078

Industrial risk analysis including approximative modeling of environmental consequences. Akesson, Thor Helsinki : the Finnish Society of Sciences and Letters; 1990. 172 p. : ill. ; 26 cm. (Commentationes physico-mathematicae ; 119 Commentationes physico-mathematicae. Dissertationes ; no 38.). Includes bibliographical references (p. 148-152).

Language: English

Descriptors: Industrial accidents; Pollution; Catastrophes

60

NAL Call. No.: S657.E34

Land application of sludge food chain implications. Page, A. L. 1927-; Logan, Terry J.; Ryan, James A. United States, Environmental Protection Agency, University of California, Riverside, Ohio State University Chelsea, Mich. : Lewis; 1987. ix, 168 p. : ill. ; 24 cm. "Proceedings of a workshop ... sponsored by the U.S. Environmental Protection Agency, Cincinnati, Ohio, the University of California at Riverside, and the Ohio State University ... [and] conducted in Las Vegas, Nevada, November 13-15, 1985"--P. [ii]. Includes bibliographies and index.

Language: English

Descriptors: Sewage sludge as fertilizer; Congresses; Plants, Effect of trace elements on; Congresses; Trace elements; Congresses; Crops; Composition; Congresses; Crops and soils; Congresses; Sewage sludge as fertilizer; Hygienic aspects; Congresses; Health risk assessment; Congresses

61

NAL Call. No.: 290.9 AM32P

Methodology for risk analysis of chemigation. Weihing, W.J.; Eisenhauer, D.H. St. Joseph, Mich. : The Society; 1989. Paper - American Society of Agricultural Engineers (89-1604): 24 p. ill; 1989. Paper presented at the "1989 International Winter Meeting sponsored by the American Society of Agricultural Engineers," December 12-15, New Orleans, Louisiana. Includes references.

Language: English

Descriptors: Fertigation; Fertilizers; Pesticides; Risk; Water pollution; Hydraulics; Mathematical models

62

NAL Call. No.: 290.9 AM32T

Methodology for risk analysis of chemigation.

Weihing, W.J.; Eisenhauer, D.E.

St. Joseph, Mich. : American Society of Agricultural Engineers; 1991 Sep. Transactions of the ASAE v. 34 (5): p. 2021-2030; 1991 Sep. Includes references.

Language: English

Descriptors: U.S.A.; Fertilizers; Pesticides; Application to land; Irrigation systems; Risk; Water pollution; Prevention; Hydraulics; Mathematical models

Abstract: A method was developed for analyzing the risks of direct contamination of a water source when chemicals are applied with center pivot irrigation systems. To demonstrate the utility of the model, data were collected to estimate equipment failure parameters and the hydraulic characteristics of chemigation safety equipment.

63

NAL Call. No.: NBULD3656 1989 W454

Methodology for risk analysis of chemigation.. University of Nebraska--Lincoln thesis : Agricultural Engineering

Weihing, Warren J.

1989; 1989.

vi, 103 leaves : ill. ; 28 cm. Includes bibliographical references.

Language: English

64

NAL Call. No.: RA591.5.074

Organic carcinogens in drinking water detection, treatment, and risk assessment.

Ram, Neil M.,\_1952-; Calabrese, Edward J.,\_1946-; Christman, R. F.

New York : Wiley,; 1986.

xvii, 542 p. : ill. ; 24 cm. A Wiley-Interscience publication. Includes bibliographies and index.

Language: English

Descriptors: Drinking water; Contamination; Carcinogens; Organic water pollutants; Health risk assessment

65

NAL Call. No.: 275.29 OK41C

Organic pollutants in groundwater. 2. Risk assessment.

Rao, P.S.C.; Rao, M.P.; Anderson, B.S.

Stillwater, Okla. : The Service; 1989 Nov.

Circular E - Oklahoma State University, Cooperative Extension Service (891): p. 85-90; 1989 Nov. Paper presented at the "Proceedings: Water Quality and Agriculture's Role for the Future," November 16, 1989, Tulsa State Fairgrounds. Includes references.

Language: English

Descriptors: U.S.A.; Groundwater pollution; Organic compounds; Public health; Risk

66

NAL Call. No.: QD1.A45

Pesticide regulation related to carcinogenicity.

Lamb, J.C. IV

Washington, D.C. : The Society; 1989.

ACS Symposium series - American Chemical Society (414): p. 6-32; 1989.

Includes references.

Language: English

Descriptors: Pesticides; Regulations; Registration; Federal government; Public agencies; Carcinogenesis; Risks; Pesticide residues; Tolerances

Pesticide transport modelling in soil for risk assessment of groundwater contamination.

Matthies, M.; Behrendt, H.

London : Gordon and Breach Science Publishers; 1991.

Toxicological and environmental chemistry v. 31/32: p. 357-365; 1991.

Includes references.

Language: English

Descriptors: 2,4,5-t; Pesticide residues; Movement in soil; Soil water movement; Groundwater pollution

Abstract: The risk of groundwater contamination with pesticides applied to soil surface depends on the soil properties, the agricultural practices, the climatic influences, and on the properties of the pesticides themselves. The EXSOL model was developed for the simulation of the transport and fate of pesticides and organic in soils. The dynamics of mobility, accumulation and degradation can be studied under various soil and climatic conditions. Transient water flow is provided from a simulation model of the field water balance. The percentages of the herbicide 2,4-5-trichlorophenoxyacetic acid in a luvisol soil after a single application in summer are compared with model calculations using sorption coefficients from laboratory column studies. The calculated percentages lie within the measured range, except for those in the deeper soil layer. The underestimation can be explained with preferential flow in macropores which may have occurred during the heavy rainfall six days after application.

Petroleum contaminated soils.

Kostecki, Paul T.; Calabrese, Edward J.,

Chelsea, Mich. : Lewis Publishers, c1989-; 1989-9999.

v. : ill. ; 24 cm. Includes bibliographies and index.

Language: English

Descriptors: Soil pollution; Environmental aspects; Congresses; Petroleum products; Environmental aspects; Congresses; Risk assessment; Congresses

Pollutants in groundwater: risk assessment.

Cook, M.G.; Zublena, J.P.

Raleigh, N.C. : The Service; 1990 Aug.

AG - North Carolina Agricultural Extension Service, North Carolina State University (439-8): 4 p.; 1990 Aug. In Subseries: Soil Facts.

Language: English

Descriptors: North Carolina; Groundwater pollution; Risk; Assessment; Public health

A primer on environmental risk analysis.

Shogren, J.F.

Ames, Iowa : The Center; 1990 Dec.

Staff report - Iowa State University, Center for Agricultural and Rural Development (46): 45 p.; 1990 Dec. Includes references.

Language: English

Descriptors: Hazards; Health; Risk; Environmental impact; Dosage

Probability kriging approach to risk assessment of environmental problems.

Rogowski, A.S.

Washington, D.C. : The Service; 1987.

Reprints - U.S. Department of Agriculture, Agricultural Research Service [37]: p. 353-370. ill; 1987. Includes references.

Language: English

Descriptors: Groundwater pollution; Losses from soil systems; Pollution by

agriculture; Statistical analysis; Environmental impact reporting

72 NAL Call. No.: QP82.2.P6A3

Problems in assessing the risks of mixtures of contaminants in drinking water. Vanderslice, R.R.; Orme, J.; Ohanian, E.V.; Sonich-Mullin, C. Princeton, N.J. : Princeton Scientific Publishers; 1991. Advances in modern environmental toxicology v. 19: p. 117-124; 1991. In the series analytic: Health hazards and risks from exposure to complex mixtures and air toxic chemicals / edited by M.A. Mehlman. Includes references.

Language: English

Descriptors: Drinking water; Contaminants; Mixtures; Toxicity; Trace elements; Synergists; Vehicles; Risk; Regulations; Federal government

73 NAL Call. No.: RA567.7.Q3

Qualitative pathogen risk assessment for ocean disposal of municipal sludge. United States, Environmental Protection Agency, Environmental Criteria and Assessment Office (Cincinnati, Ohio) Washington, DC : Environmental Criteria and Assessment Office, Office of Health and Environmental Assessment, Office of Research and Development, U.S. Environmental Protection Agency,; 1986; EP 1.23/7:600/6-88/010. 1 v. (various pagings) : ill., 1 map ; 28 cm. May 1986. EPA/600/6-88/010. Bibliography: p. 11-1 - 11-33.

Language: English; English

Descriptors: Pathogenic microorganisms; Waste disposal in the ocean

74 NAL Call. No.: SB950.2.A1J58

Quantitative risk analysis: overused, under-examined. O'Brien, M. Eugene, Or. : The Coalition; 1988. Journal of pesticide reform: a publication of the Northwest Coalition for Alternatives to Pesticides v. 8 (1): p. 7-12. ill; 1988. Includes references.

Language: English

Descriptors: U.S.A.; Pesticides; Environmental pollution; Health hazards; Poisoning; Risks

75 NAL Call. No.: RA427.3.H35

Quantitative risk assessment for environmental and occupational health. Hallenbeck, William H.; Cunningham, K. M. Chelsea, Mich. : Lewis Publishers; 1986. xvi, 199 p. : ill. ; 24 cm. Includes index. Bibliography: p. 121-130.

Language: English

Descriptors: Health risk assessment; Statistical methods; Environmental health; Statistical methods; Industrial hygiene; Statistical methods

76 NAL Call. No.: RA422.C65

Quantitative risk assessment of drinking water contaminants. Cothorn, C.R.; Coniglio, W.A.; Marcus, W.L. Columbia, Mo. : The Conference; 1986. Trace substances in environmental health : proceedings of University of Missouri's ... annual conference v. 20: p. 183-193; 1986. Proceedings of the University of Missouri's 20th Annual Conference on Trace Substances in Environmental Health, June 2-5, 1986, Memorial Union University of Missouri, Columbia, MO. Includes references.

Language: English

Descriptors: Drinking water; Contamination; Contaminants; Toxicity

77 NAL Call. No.: SF597.E3E2

Radioecological studies on earthworms and their value for an ecotoxicological risk assessment.

Kuehle, J.C.  
The Hague : SPB Academic Publishing; 1988.  
Earthworms in waste and environmental management / edited by Clive A. Edwards  
and Edward F. Neuhauser. p. 377-388; 1988. Includes references.

Language: English

Descriptors: Oligochaeta; Soil fauna; Ecology; Radioactive tracers; Organic  
matter in soil; Toxicology; Ecosystems; Soil contamination

78 NAL Call. No.: RA565.A1J6

Recent developments on the hazards posed by  
2,3,7,8-tetrachlorobideno-p-dioxin in soil: implications for setting  
risk-based cleanup levels at residential and industrial sites.  
Paustenbach, D.J.; Wenning, R.J.; Lau, V.; Harrington, N.W.; Rennix, D.K.;  
Parson, A.H.  
Washington, D.C. : Hemisphere Publishing; 1992 Jun.  
Journal of toxicology and environmental health v. 36 (2): p. 103-149; 1992 Jun.  
Literature review. Includes references.

Language: English

Descriptors: Soil pollution; Polycyclic hydrocarbons; Decontamination; Health  
hazards; Exposure; Uptake; Risk; Epidemiology; Quantitative analysis;  
Literature reviews

79 NAL Call. No.: TD171.U54

Reducing risk.. Setting priorities and strategies for environmental  
protection Report of the ecology and welfare subcommittee Report of the human  
health subcommittee Report of the strategic options subcommittee  
Reilly, William K.  
United States. Environmental Protection W14=Agency. Science Advisory Board.  
Relative Risk Reduction Strategies Committee  
Washington, D.C. : U.S. Environmental Protection Agency,; 1990.  
4 v. : ill. ; 22-28 cm. Report of the Science Advisory Board: Relative Risk  
Reduction Strategies Committee to William K. Reilly, Administrator, United  
States Environmental Protection Agency. "Science Advisory Board  
(A-101)"--Cover. "Relative Risk Reduction Project"--Appendix A-C. September  
1990. "SAB-EC-90-021"--Cover. Includes bibliographies.

Language: English

Descriptors: Environmental protection; Risk assessment

80 NAL Call. No.: GB1399.I582 1986

Regional flood frequency analysis proceedings of the International Symposium on  
Flood Frequency and Risk Analyses, 14-17 May 1986, Louisiana State  
University, Baton Rouge, U.S.A..  
Singh, V. P.  
International Symposium on Flood Frequency and Risk Analyses 1986 : Louisiana  
State University, Baton Rouge.  
Dordrecht ; Boston : D. Reidel Pub. Co. ; Norwell, MA, U.S.A. : Sold and  
distributed in the U.S.A. and Canada by Kluwer Academic Publishers,; 1987. xi,  
400 p. : ill. ; 25 cm. Includes bibliographies and indexes.

Language: English

Descriptors: Floods; Congresses

81 NAL Call. No.: KF26.E6 1991

Report of the Environmental Protection Agency's Science Advisory Board  
hearing before the Committee on Environment and Public Works, United States  
Senate, One Hundred Second Congress, first session, January 25, 1991.  
United States. Congress. Senate. Committee on Environment and Public Works  
Washington [D.C.] : U.S. G.P.O. : For sale by the Supt. of Docs.,  
Congressional Sales Office, U.S. G.P.O.,; 1991; Y 4.P 96/10:S.hrg.102-29. iii,  
82 p. ; 24 cm. (S. hrg. ; 102-29). Distributed to some depository  
libraries in microfiche. Shipping list no.: 91-388-P.

Language: English; English

Descriptors: Environmental protection; Risk assessment; Environmental policy

82 NAL Call. No.: QH541.15.R57E28 1991

Report on the Ecological Risk Assessment Guidelines Strategic Planning Workshop.  
United States, Environmental Protection Agency, Risk Assessment Forum  
Ecological Risk Assessment Guidelines Strategic Planning Workshop 1991 :  
Miami, Fla.  
Washington, DC : Risk Assessment Forum, U.S. Environmental Protection Agency, ;  
1992; EP 1.8:EC 7/2.  
1 v. (various pagings) : ill. ; 28 cm. Shipping list no.: 92-0580-P.  
February 1992. EPA/630/R-92/002. Includes bibliographical references (p. 51).

Language: English; English

Descriptors: Ecological risk assessment

83 NAL Call. No.: GB705.C2C676 no.195

Risk analysis and stochastic management of reservoir systems.  
Marino, Miguel A.; Loaiciga, Hugo A.  
California Water Resources Center  
Davis, Calif. : California Water Resources Center, University of California, ;  
1986.  
vii, 63 p. : ill. ; 28 cm. (Contribution / California Water Resources Center,  
no. 195). October 1986. Bibliography: p. 57-59.

Language: English

Descriptors: Reservoirs; Regulation; Flood control

84 NAL Call. No.: GB705.A6H9

A risk analysis approach to groundwater quality management in the upper Santa Cruz Basin.  
Richardson, T.C.; Davis, D.R.  
Tucson : American Water Resources Association; 1987.  
Hydrology and water resources in Arizona and the Southwest v. 17: p. 107-122.  
maps; 1987. Paper presented at a meeting on "Hydrology and water resources in Arizona and the Southwest," Northern Arizona University, Flagstaff, Arizona, April 18, 1987. Includes references.

Language: English

Descriptors: Arizona; Groundwater pollution; Water composition and quality; Risks; Contaminants; Uncertainties

85 NAL Call. No.: QH540.N3

Risk analysis for water supply from a river polluted by nitrate runoff.  
Plate, E.J.; Duckstein, L.  
Berlin, W. Ger. : Springer-Verlag; 1991.  
NATO ASI series : Series G : Ecological sciences v. 30: p. 67-79; 1991. In the series analytic: Nitrate contamination: Exposure, consequence, and control / edited by I. Bogardi and R.D. Kuzelka. Proceedings of the NATO Advanced Research Workshop on Nitrate Contamination: Exposure, Consequences, and Control, September 9-14, 1990, Lincoln, Nebraska. Includes references.

Language: English

Descriptors: German federal republic; Nitrate; Nitrate fertilizers; Water pollution; Rivers; Runoff; Water quality; Risk; Drainage; Farmland; Stochastic models

86 NAL Call. No.: QH540.N3

Risk analysis of groundwater contamination.  
Ganoulis, J.  
Berlin, W. Ger. : Springer-Verlag; 1993.  
NATO ASI series : Series G : Ecological sciences v. 32: p. 455-474; 1993. In the series analytic: Migration and fate of pollutants in soils and subsoils / edited by D. Petruzzelli and F.G. Helfferich. Proceedings of the NATO Advanced Study Institute, May 24-June 5, 1992, Maratea, Italy. Includes references.

Language: English

Descriptors: Victoria; Groundwater pollution; Pollutants; Hydrodynamics;

Transport processes; Groundwater flow; Aquifers; Mathematical models; Risk; Saline water; Irrigation water

87 NAL Call. No.: TD419.R47

Risk analysis on air emissions from groundwater aeration.  
Crume, R.V.; Ryan, W.M.; Peters, T.A.; Bryan, R.J.  
Alexandria, Va. : The Federation; 1990 Mar.  
Research journal of the Water Pollution Control Federation v. 62 (2): p.  
119-123; 1990 Mar. Includes references.

Language: English

Descriptors: U.S.A.; Groundwater; Water pollution; Drinking water; Sources; Treatment; Aeration; Contaminants; Removal; Emission; Air pollution; Health hazards; Risk; Analysis

88 NAL Call. No.: T174.5.G68

Risk and uncertainty.  
Gough, Janet  
Lincoln College (University of Canterbury), Centre for Resource Management  
Canterbury, N.Z. : Centre for Resource Management, University of Canterbury and  
Lincoln College,; 1988.  
iv, 69 p. ; 29 cm. (Information paper (Lincoln College (University of  
Canterbury). Centre for Resource Management) ; no. 10.). July 1988. Includes  
bibliographical references (p. 59-67).

Language: English

Descriptors: Risk assessment; Ecology; Environmental aspects; Environmental health

89 NAL Call. No.: TD193.5.R57 1992

Risk assessment.  
United States, Environmental Protection Agency, Office of Research and  
Development, United States, Environmental Protection Agency, Office of  
International Activities  
Washington, DC : U.S. Environmental Protection Agency, Office of Research and  
Development [and] Office of International Activities,; 1992.  
8 p. : ill. ; 22 x 28 cm. (EPA technical information packages). Cover title.  
May 1992. EPA/600/M-91/034. Includes bibliographical references (p. 6).

Language: English

Descriptors: Pollution; Hazardous substances; Ecological risk assessment

90 NAL Call. No.: 381 AD93

Risk assessment and control decisions for protecting drinking water quality.  
Cotruvo, J.A.  
Washington, D.C. : American Chemical Society; 1987.  
Advances in chemistry series (214): p. 693-731; 1987. Includes references.

Language: English

Descriptors: Drinking water; Water composition and quality; Public health

91 NAL Call. No.: TD879.P4E58 1992

Risk assessment and environmental fate methodologies.  
Calabrese, Edward J.,; Kostecki, Paul T.  
Council for the Health and Environmental Safety of Soils  
Boca Raton : Lewis Publishers,; 1992.  
xxx, 150 p. ; 24 cm. Summary of the reviews from several committees of the  
Council for the Health and Environmental Safety of Soils. Includes  
bibliographical references (p. 139-140) and index.

Language: English

Descriptors: Oil pollution of soils; Pollution

92 NAL Call. No.: VtUFich E1.99 BNL-39206

Risk assessment and management of agricultural effects of acid deposition Paul D. Moskowicz ... [et al.].  
Moskiwitz, P. D.  
Brookhaven National Laboratory, Biomedical and Environmental Assessment Division, United States, Dept. of Energy, Technical Information Center Upton, N.Y. : Biomedical and Environmental Assessment Division, Dept. of Applied Science, Brookhaven National Laboratory,; 1986, reprinted 1987. 14 p.. For presentation at the 79th Annual Meeting of the Air Pollution Control Association, Minneapolis-St. Paul, Minnesota, June 22-27, 1986. Under contract no. DE-AC02-76CH00016, with the U.S. Dept. of Energy. DE87 008173. EDB-500200. Bibliography: p. 8-9.

Language: English; English

Descriptors: Agricultural productivity; Crops; Acid deposition

93 NAL Call. No.: NBULD3656.5 1992 L4459

Risk assessment and risk management for nitrate-contaminated groundwater supplies.

Lee, Yong W.  
1992; 1992.

x, 136 leaves : ill. ; 28 cm. Includes bibliographical references.

Language: English

94 NAL Call. No.: QD1.A45

Risk assessment approaches for ground water contamination by pesticides and other organic substances.

Stara, J.F.; Patterson, J.; Dourson, M.L.  
Washington, D.C. : The Society; 1986.

ACS Symposium series - American Chemical Society (315): p. 445-461; 1986.

Includes references.

Language: English

Descriptors: Pesticides; Groundwater pollution; Contamination; Organic compounds; Toxicity

95 NAL Call. No.: TD426.R57 1990

Risk assessment for groundwater pollution control.

McTernan, William F.; Kaplan, Edward,  
American Society of Civil Engineers, Groundwater Risk Assessment Task Committee, American Society of Civil Engineers, Committee on Water Pollution Management

New York, N.Y. : American Society of Civil Engineers,; 1990.

368 p. : ill. ; 22 cm. "This monograph is based on a two part symposium held in Vancouver, British Columbia, during mid-July 1988. Other papers have been contributed subsequently"--Introd. Includes bibliographical references.

Language: English

Descriptors: Water, Underground; Hazardous substances

96 NAL Call. No.: HC79.E5E5

Risk assessment for selected xenobiotics by bioassay methods with higher plants.

Gunther, P.; Pestemer, M.

New York, N.Y. : Springer-Verlag; 1990 May.

Environmental management v. 14 (3): p. 381-388. ill; 1990 May. Includes references.

Language: English

Descriptors: German federal republic; Lepidium sativum; Avena sativa; Brassica campestris; Bioassays; Germination; Growth; Risk; Assessment; Chemicals; Environmental legislation; Pollutants

97 NAL Call. No.: RA566.27.C4 1986

Risk assessment in health and environmental regulation., Updated 03/01/86..

Cheney, David W.

Library of Congress, Congressional Research Service

Washington, D.C. : Major Issues System, Congressional Research Service,  
Library of Congress,; 1986.  
13 p. ; 28 cm. (Issue brief ; IB84124). Cover title. Archived 05/30/86.  
Bibliography: p. 12-13.

Language: English

Descriptors: Health risk assessment; Government policy; United States;  
Environmental health; Government policy; United States

98 NAL Call. No.: RA592.A1R57

Risk assessment, management and communication of drinking water contamination.  
United States, Environmental Protection Agency, Office of Drinking Water,  
United States, Environmental Protection Agency, Office of Technology Transfer &  
Regulatory Support  
Washington, DC : Office of Drinking Water, Office of Water, U.S. Environmental  
Protection Agency ; Cincinnati, OH : Office of Technology Transfer and  
Regulatory Support, Office of Research and Development, U.S. Environmental  
Protection Agency,; 1990.  
1 v. (various pagings) : ill. ; 28 cm. (Seminar publication). June 1990.  
EPA/625/4-89/024. Includes bibliographical references.

Language: English; English

Descriptors: Drinking water

99 NAL Call. No.: QH545.A1R58

Risk assessment of chemicals in the environment.  
Richardson, Mervyn,  
London : Royal Society of Chemistry,; 1988.  
xx, 579 p. : ill. ; 24 cm. Includes bibliographical references.

Language: English

Descriptors: Pollution; Environmental aspects; Pollution; Toxicology

100 NAL Call. No.: RA422.C65

Risk assessment of radon in drinking water.  
Cothorn, C.R.; Milvy, P.  
Columbia, Mo. : The Conference; 1988.  
Trace substances in environmental health : proceedings of the University of  
Missouri's annual conference on Trace Substances in Environmental Health v. 22:  
p. 68-76; 1988. Includes references.

Language: English

Descriptors: Drinking water; Radioactive pollution; Environmental factors

101 NAL Call. No.: KF27.S396 1991g

Risk assessment strengths and limitations of utilization for policy decisions :  
hearing before the Subcommittee on Environment of the Committee on Science,  
Space, and Technology, House of Representatives, One Hundred Second Congress,  
first session, May 21, 1991.  
United States. Congress. House. Committee on Science, Space, and Technology.  
Subcommittee on Environment  
Washington : U.S. G.P.O. : For sale by the U.S. G.P.O., Supt. of Docs.,  
Congressional Sales Office,; 1991; Y 4.Sci 2:102/53.  
iii, 315 p. : ill. ; 24 cm. Distributed to some depository libraries in  
microfiche. Shipping list no.: 91-717-P. No. 53. Includes bibliographical  
references.

Language: English

Descriptors: Risk assessment; Health risk assessment; Environmental health;  
Environmental policy

102 NAL Call. No.: 251.8 R32

Risk communication and the value of information: radon as a case study.  
Smith, V.K.; Desvousges, W.H.  
Amsterdam : Elsevier Science Publishers (North Holland); 1990 Feb.  
The Review of economics and statistics v. 72 (1): p. 137-142; 1990 Feb.

Includes references.

Language: English

Descriptors: Consumer behavior; Homeowners; Radioactive pollution; Risks; Communication; Program evaluation; Information; Participation

103 NAL Call. No.: RA422.C65

Risk communication to the public: how safe is drinking water?.  
McCallum, D.B.; Arkin, E.B.  
Columbia, Mo. : The Conference; 1987.  
Trace substances in environmental health : proceedings of the University of Missouri's annual conference on Trace Substances in Environmental Health (21st): p. 253-262; 1987. Includes references.

Language: English

Descriptors: Drinking water; Health hazards; Groundwater pollution; Public opinion

104 NAL Call. No.: QH545.S493R57

Risk evaluation for sludge-borne elements to wildlife food chains.  
Woodyard, David K.; Haufler, Jonathan B.  
New York : Garland Pub.,; 1991.  
188 p. : ill. ; 24 cm. (The Environment, problems, and solutions). Includes bibliographical references (p. 103-108).

Language: English

Descriptors: Sewage sludge; Heavy metals; Food chains (Ecology); Sewage sludge as fertilizer; Forest soils; Forest fauna; Forest ecology; Toxicity testing; Health risk assessment

105 NAL Call. No.: RA1199.R56

Risk management of chemicals in the environment.  
Seip, Hans M. 1937-; Heiberg, Anders B.  
North Atlantic Treaty Organization, Committee on the Challenges of Modern Society  
New York : Plenum Press,; 1989.  
xii, 227 p. : ill. ; 26 cm. (NATO challenges of modern society ; v. 12).  
Published in cooperation with NATO Committee on the Challenges of Modern Society. "Proceedings of the NATO Committee on the Challenges of Modern Society pilot study on risk management of chemicals in the environment, initiated with Norway in April 1984"--T.p. verso. Includes bibliographies and index.

Language: English

Descriptors: Toxicity testing; Pollution; Health risk assessment; Risk management

106 NAL Call. No.: TD172.J62

Scientific approach to risk assessment.  
Van Mynen, R.; Teta, M.J.; Tyler, T.R.  
New York, N.Y. : Marcel Dekker; 1990-1991.  
Environmental carcinogenesis review : Part C of the journal of environmental science and health v. 8 (2): p. 253-265; 1990-1991. Includes references.

Language: English

Descriptors: Environment; Pollutants; Health hazards; Risk; Assessment; Research policy

107 NAL Call. No.: RA1225.S56 1992

Similarities and differences between children and adults implications for risk assessment.. Similarities & differences between children & adults  
Guzelian, Philip S.; Henry, Carol J.; Olin, Stephen S.  
Washington, D.C. : ILSI Press/International Life Sciences Institute,; 1992. xv, 285 p. : ill. ; 23 cm. Cover title: Similarities & differences between children & adults. Includes bibliographical references and index.

Language: English

Descriptors: Pediatric toxicology; Environmentally induced diseases;  
Pollutants; Pesticides; Drugs; Health risk assessment

108 NAL Call. No.: SB610.W39

Site-specific pesticide recommendations: the final step in environmental impact prevention.

Hornsby, A.G.

Champaign, Ill. : The Society; 1992 Jul.

Weed technology : a journal of the Weed Science Society of America v. 6 (3): p. 736-742; 1992 Jul. Paper presented at a Symposium on the, "Role of Modeling in Regulatory Affairs," at the Weed Science Society of America, February 4, 1991, Louisville, Kentucky. Includes references.

Language: English

Descriptors: Florida; Pesticides; Environmental impact; Leaching; Runoff; Toxicology; Soil properties; Water quality; Water pollution; Decision making; Methodology; Simulation models; Geographical information systems; Risk; Cooperative extension service

109 NAL Call. No.: RA592.I3S59 1990

Sizing up the risks in drinking water.

University of Illinois (Urbana-Champaign campus), Cooperative Extension Service

Urbana : Cooperative Extension Service, University of Illinois at

Urbana-Champaign, College of Agriculture,; 1990.

[2] p. ; 28 cm. (H2O & you!). Caption title. "Prepared by Region II Water Quality Committee"--P. [2]. Includes bibliographical references (p. [2]).

Language: English

Descriptors: Health risk assessment; Drinking water; Pollution

110 NAL Call. No.: HC79.E5S57 1992

The Social response to environmental risk policy formulation in an age of uncertainty.

Bromley, Daniel W.,\_1940-; Segerson, Kathleen,

Boston : Kluwer Academic Publishers,; 1992.

ix, 216 p. : ill. ; 24 cm. (Recent economic thought series). Includes bibliographical references and index.

Language: English

Descriptors: Environmental policy; Risk assessment

111 NAL Call. No.: RA566.V38

Some factors influencing the nonexpert's perception and evaluation of environmental risks.

Vaughan, Elaine

New York : Garland Pub.,; 1990.

xx, 229 p. : ill. ; 23 cm. (The Environment--problems and solutions).

Includes bibliographical references (p. 141-165).

Language: English

Descriptors: Environmental health; Health risk assessment; Environmental health; Health risk assessment

112 NAL Call. No.: RA1190.R42

Standard setting processes and regulations for environmental contaminants in drinking water: state versus federal needs and viewpoints.

Sidhu, K.S.

Orlando, Fla. : Academic Press; 1991 Jun.

Regulatory toxicology and pharmacology : RTP v. 13 (3): p. 293-308; 1991 Jun. Paper presented at the "International Seminar on Environmental Planning, Industrial Hazards, Risk Analysis and Disaster Management," December 17-18, 1989, Rajasthan, India, and at the "Risk Assessment Methodologies: Comparing State and EPA Approaches," April 19-20, 1990, Arlington, VA. Includes references.

Language: English

Descriptors: U.S.A.; Drinking water; Contaminants; Carcinogens; Standards; Public health; State government; Federal government

Abstract: The primary objective of a standard setting process is to arrive at a drinking water concentration at which exposure to a contaminant would result in no known or potential adverse health effect on human health. The drinking water standards also serve as guidelines to prevent pollution of water sources and may be applicable in some cases as regulatory remediation levels. The risk assessment methods along with various decision making parameters are used to establish drinking water standards. For carcinogens classified in Groups A and B by the United States Environmental Protection Agency (USEPA) the standards are set by using nonthreshold cancer risk models. The linearized multistage model is commonly used for computation of potency factors for carcinogenic contaminants. The acceptable excess risk level may vary from  $10^{-6}$  to  $10^{-4}$ . For noncarcinogens, a threshold model approach based on application of an uncertainty factor is used to arrive at a reference dose (RfD). The RfD approach may also be used for carcinogens classified in Group C by the USEPA. The RfD approach with an additional uncertainty factor of 10 for carcinogenicity has been applied in the formulation of risk assessment for Group C carcinogens. The assumptions commonly used in arriving at drinking water standards are human life expectancy, 70 years; average human body weight, 70 kg; human daily drinking water consumption, 2 liters; and contribution of exposure to the contaminant from drinking water (expressed as a part of the total environmental exposure), 20%. Currently, there are over 80 USEPA existing or proposed primary standards for organic and inorganic contaminants in drinking water. Some of the state versus federal needs and viewpoints are discussed.

113 NAL Call. No.: RA1231.P5S9

Summary review of health effects associated with elemental and inorganic phosphorus compounds.  
United States, Environmental Protection Agency, Environmental Criteria and Assessment Office (Research Triangle Park, N.C.)  
Research Triangle Park, NC : Environmental Criteria and Assessment Office, Office of Health and Environmental Assessment, Office of Research and Development, U.S. Environmental Protection Agency,; 1990; EP  
1.23/9:600/8-89/072.  
viii, 71 p. ; 24 cm. (Health issue assessment). July 1990. EPA/600/8-89/072.  
Includes bibliographical references (p. 57-71).

Language: English; English

Descriptors: Phosphorus; Toxicology; Phosphorus compounds; Toxicology; Phosphorus; Environmental aspects; Phosphorus compounds; Environmental aspects; Health risk assessment; United States

114 NAL Call. No.: GB705.C2C676 no.201

A technique for the assessment of uncertainty in water quality models used for public health risk analysis.  
Tumeo, Mark A.; Orlob, Gerald T.  
California Water Resources Center  
Davis, Calif. : University of California Water Resources Center,; 1990.  
v, 39 leaves : ill. ; 28 cm. (Contribution / California Water Resources Center ; 201). The research leading to this report was partially supported by the University of California Water Resources Center under grant number W-686.  
Includes bibliographical references.

Language: English

Descriptors: Water quality management; Health risk assessment

115 NAL Call. No.: TD172.A7

Temporal scales in ecological risk assessment.  
Burger, J.; Gochfield, M.  
New York, N.Y. : Springer-Verlag; 1992 Nov.  
Archives of environmental contamination and toxicology v. 23 (4): p. 484-488; 1992 Nov. Includes references.

Language: English

Descriptors: Ecology; Pollution; Risk; Assessment; Health hazards; Exposure; Evaluation; Trophic levels

116

NAL Call. No.: QH545.A1E58

Terrestrial wildlife exposed to agrochemicals: an ecological risk assessment perspective.

Kendall, R.J.; Akerman, J.

Tarrytown, N.Y. : Pergamon Press; 1992 Dec.

Environmental toxicology and chemistry v. 11 (12): p. 1727-1749; 1992 Dec.

Literature review. Includes references.

Language: English

Descriptors: Wildlife; Toxicology; Agricultural chemicals; Pesticides; Exposure; Hazards; Risk; Environmental assessment; Environmental impact; Ecology; Laboratory tests; Field tests; Nontarget organisms; Nontarget effects; Literature reviews

117

NAL Call. No.: KF27.P8968 1988b

Toxic pollution in the Chesapeake Bay hearing before the Subcommittee on Water Resources of the Committee on Public Works and Transportation, House of Representatives, One Hundredth Congress, first session, March 7, 1988 at Baltimore, MD.

United States. Congress. House. Committee on Public Works and Transportation. Subcommittee on Water Resources

Washington, [D.C.] : U.S. G.P.O. : For sale by the Supt. of Docs.,

Congressional Sales Office, U.S. G.P.O.,; 1988; Y 4.P 96/11:100-44.

iv, 231 p. : ill., 1 map ; 24 cm. Distributed to some depository libraries in microfiche. 100-44. Includes bibliographical references.

Language: English; English

Descriptors: Water; Pollution; Toxicology; Chesapeake Bay (Md. and Va.); Health risk assessment; Chesapeake Bay (Md. and Va.); Hazardous substances; Health aspects; Chesapeake Bay (Md. and Va.)

118

NAL Call. No.: KF27.P8968 1988

Toxic pollution in the Great Lakes hearing before the Subcommittee on Water Resources of the Committee on Public Works and Transportation, House of Representatives, One Hundredth Congress, second session, March 2, 1988.

United States. Congress. House. Committee on Public Works and Transportation. Subcommittee on Water Resources

Washington, [D.C.] : U.S. G.P.O. : For sale by the Supt. of Docs.,

Congressional Sales Office, U.S. G.P.O.,; 1988; Y 4.P 96/11:100-49.

iii, 145 p. : ill., maps ; 24 cm. Distributed to some depository libraries in microfiche. 100-49. Bibliography: p. 108.

Language: English; English

Descriptors: Water; Pollution; Great Lakes; Toxicology; Health risk assessment; Great Lakes; Hazardous substances; Health aspects; Great Lakes

119

NAL Call. No.: RA565.G68 1993

Toxic risks science, regulation, and perception.

Gots, Ronald E.

Boca Raton : Lewis Publishers,; 1993.

277 p. : ill. ; 25 cm. Includes bibliographical references and index.

Language: English

Descriptors: Environmental health; Toxicology; Health risk assessment

120

NAL Call. No.: RA1199.T68

Toxicological risk assessment.. Risk assessment

Clayson, D. B.; Krewski, D.; Munro, Ian C.

Boca Raton, Fla. : CRC Press,; 1985.

2 v. (230, 264 p.) : ill. ; 27 cm. Includes bibliographies and indexes.

Language: English

Descriptors: Toxicology; Research; Toxicity testing; Environmental health; Evaluation; Environmental health; Government policy; Decision making; Environmental health; Government policy; United States; Decision making

121 NAL Call. No.: TD403.G7

Toxicological risk assessment distortions. I.  
Lehr, J.H.  
Dublin, Ohio : Water Well Journal Publishers; 1990 Jan.  
Ground water v. 28 (1): p. 2-8; 1990 Jan. Includes references.

Language: English

Descriptors: U.S.A.; Groundwater pollution; Toxicology; Health hazards; Risks;  
Assessment; Health protection; Legislation; Distortion

122 NAL Call. No.: TD403.G7

Toxicological risk assessment distortions. II. The dose makes the poison. Lehr,  
J.H.  
Dublin, Ohio : Water Well Journal Publishers; 1990 Mar.  
Ground water v. 28 (2): p. 170-175; 1990 Mar. Includes references.

Language: English

Descriptors: Pollutants; Toxicology; Health hazards; Risk; Assessment;  
Mathematical models

123 NAL Call. No.: HT401.S72

Transition to action: what are the issues? Risk and risk management in a  
fairly ordinary world.  
Dost, F.N.  
Mississippi State, Miss. : The Center; 1990 Apr.  
SRDC series - Southern Rural Development Center (127): p. 33-50; 1990 Apr.  
Paper presented at a Regional Workshop: "Southern Extension Water Training  
Workshop: Actions For Working Together," November 13-15, 1989, Birmingham,  
Alabama.

Language: English

Descriptors: Water; Contamination; Chemicals; Risk; Dosage effects;  
Toxicology; Epidemiology; Probability; Neoplasms

124 NAL Call. No.: TX501.R48

Trichloroethylene: water contamination and health risk assessment.  
Fan, A.M.  
New York, N.Y. : Springer-Verlag; 1988.  
Reviews of environmental contamination and toxicology v. 101: p. 55-92. maps;  
1988. Literature review. Includes references.

Language: English

Descriptors: Water pollution; Ethylene; Chlorides; Public health; Risks

125 NAL Call. No.: QH540.J6

Two agricultural production data libraries for risk assessment models.  
Baes, C.F. III; Shor, R.W.; Sharp, R.D.; Sjoreen, A.L.  
Madison, Wis. : American Society of Agronomy; 1985 Oct.  
Journal of environmental quality v. 14 (4): p. 509-516. ill., maps; 1985 Oct.  
Includes references.

Language: English

Descriptors: U.S.A.; Agricultural production; Databases; Censuses; Risks;  
Assessment; Models; Air pollution; Food chains

126 NAL Call. No.: TD170.S83 1993

Umweltmanagement Erfahrungen und Instrumente einer umweltorientierten  
Unternehmensstrategie [Environmental management]., 2. uberarbeitete und erw.  
Aufl..  
Steger, Ulrich  
Frankfurt am Main : Frankfurter Allgemeine Zeitung fur Deutschland ; Wiesbaden  
: Gabler,; 1993.  
403 p. : ill. ; 22 cm. Includes bibliographical references.

Language: German

Descriptors: Environmental protection; Environmental policy; Environmental risk assessment; Human ecology

127 NAL Call. No.: QP82.2.P6A3

Uncertainties in quantitative risk assessments--two examples: trichloroethylene and radon in drinking water.

Cothern, C.R.

Princeton, N.J. : Princeton Scientific Publishers; 1988.

Advances in modern environmental toxicology v. 15: p. 159-180; 1988. Includes references.

Language: English

Descriptors: Drinking water; Volatile compounds; Organic compounds; Water pollution

128 NAL Call. No.: RA427.3.B64 1990

Uncertainty in environmental health risk assessment.

Bogen, Kenneth

New York : Garland,; 1990.

xvi, 195 p. : ill. ; 24 cm. (The Environment--problems and solutions). "[The author's] doctoral dissertation, completed in early 1986 at the School of Public Health, University of California at Berkeley, with minor modifications in style and content"--Pref. Includes bibliographical references.

Language: English

Descriptors: Health risk assessment

129 NAL Call. No.: S544.3.N9C46

Understanding pesticide regulation. III. Health risk assessment in pesticide registration.

Bellinger, R.G.; Horton, P.M.

Fargo : The University; 1989 Sep.

NDSU Extension Service [publication] - North Dakota State University (HE-449): 2 p.; 1989 Sep. In subseries: Pesticide Information Program. Information Sheet.

Language: English

Descriptors: Pesticides; Registration; Pesticide residues; Health hazards; Toxicity; Carcinogens; Control; Usda

130 NAL Call. No.: QD1.A45

U.S. Environmental Protection Agency processes for consensus building for hazard identification.

Schoeny, R.S.

Washington, D.C. : The Society; 1991.

ACS Symposium series - American Chemical Society (446): p. 214-220; 1991. In the series analytic: Pesticide residues and food safety: a harvest of viewpoints / edited by B.G. Tweedy, H.J. Dishburger, L.G. Ballantine, and J. McCarthy. Includes references.

Language: English

Descriptors: Risk; Health hazards; Environmental protection

131 NAL Call. No.: QR115.I57

Use of microbial risk assessment in setting US drinking water standards.

Macler, B.A.; Regli, S.

Amsterdam : Elsevier Science Publishers, B.V.; 1993 Jun01.

International journal of food microbiology v. 18 (4): p. 245-256; 1993 Jun01. Includes references.

Language: English

Descriptors: Microbial contamination; Drinking water; Food safety; Quality standards

Abstract: This paper outlines US EPA's general strategy for using microbial risk assessment to support the development of US National Primary Drinking Water Regulations (NPDWRs). It discusses specifically the use of such risk assessment in the development of upcoming regulations for disinfection of groundwater (Groundwater Disinfection (GWD) Rule) and for control of disinfectants and their chemical byproducts (Disinfectant/Disinfection Byproduct (D/DBP) Rule), and possible amendments to the current Surface Water Treatment Rule (SWTR). The risk assessment and risk management processes explicitly consider acceptable risk values for water-borne microbial pathogens.

132 NAL Call. No.: TD420.A1P7

Use of risk assessment for development of microbial standards.

Rose, J.B.; Gerba, C.P.

Oxford : Pergamon Press; 1991.

Water science and technology : a journal of the International Association on Water Pollution Research and Control v. 24 (2): p. 29-34; 1991. In the series analytic: Health-Related Water Microbiology 1990 / edited by W.O.K. Grabow, R. Morris, and K. Botzenhart. Includes references.

Language: English

Descriptors: Drinking water; Microbial contamination; Health hazards; Assessment; Viruses; Protozoa; Cysts; Risk; Models; Quality standards; Acceptability; Safety; Infection; Probability

133 NAL Call. No.: TD194.6.U8

User's manual for ecological risk assessment.

Barnhouse, L.W.; Suter, G. W.,

Oak Ridge National Laboratory, Environmental Sciences Division

Oak Ridge, Tenn. : Oak Ridge National Laboratory; 1986.

xii, 215 p. : ill. ; 28 cm.. (Environmental Sciences Division publication ; no. 2679; ORNL (Series) ; 6251). March 1986. At head of title: Environmental Sciences Division. Interagency agreement no. DW 8993 0292-01-0; (DOE 40-740-78). Includes bibliographies.

Language: English

Descriptors: Environmental impact analysis

134 NAL Call. No.: RA427.3.V37 1990

Valuing health risks, costs, and benefits for environmental decision making report of a conference.

Hammond, P. Brett; Coppock, Rob

National Research Council (U.S.), Steering Committee on Valuing Health Risks, Costs, and Benefits for Environmental Decisions, National Research Council (U.S.), Board on Environmental Studies and Toxicology, National Research Council (U.S.), Commission on Physical Sciences, Mathematics, and Resources, National Research Council (U.S.), Commission on Behavioral and Social Sciences and Education

Washington, D.C. : National Academy Press; 1990.

xi, 231 p. : ill. ; 23 cm. Board on Environmental Studies and Toxicology; Commission on Physical Sciences, Mathematics, and Resources; Commission on Behavioral and Social Sciences and Education, National Research Council. Includes bibliographical references.

Language: English; English

Descriptors: Health risk assessment; Cost effectiveness; Environmental health; Environmental policy

135 NAL Call. No.: TD223.1.C4 1986

Volatile (synthetic) organic chemicals (VOCs) in groundwater/risk assessment.

Shapiro, M.A.

University Park, PA : Northeast Regional Center for Rural Development; 1987

Jan.

Chautauqua groundwater workshop for extension agents : proceedings of the workshop held at the Chautauqua Institution, Chautauqua, New York, May 7-9, 1986 / editor, Althea Rudd. p. 43-53; 1987 Jan. (Northeast Regional Center for Rural Development publication ; no. 48). Includes references.

Language: English

Descriptors: Groundwater pollution; Organic compounds; Volatile compounds;  
Risks; Health hazards; Drinking water

136

NAL Call. No.: QH540.N3 v.29

Water resources engineering risk assessment.

Ganoulis, J.

NATO Advanced Study Institute on Risk and Reliability in Water Resources and  
Environmental Engineering 1991 : Porto Karras, Chalkidike, Greece.

Berlin ; New York : Springer-Verlag,; 1991.

xii, 539 p. : ill. ; 25 cm. (NATO ASI series. Series G, Ecological sciences ;  
vol. 29). "Proceedings of the NATO Advanced Study Institute on Risk and  
Reliability in Water Resources and Environmental Engineering held at Porto  
Karras, Greece, May 18-28, 1991"--T.p. verso. Includes bibliographical  
references and index.

Language: English

Descriptors: Water-supply engineering; Water resources development;  
Environmental engineering; Risk assessment

137

NAL Call. No.: RA1190.R42

Why different regulatory decisions when the scientific information base is  
similar?--environmental risk assessment.

Dobson, S.

Orlando, Fla. : Academic Press; 1993 Jun.

Regulatory toxicology and pharmacology : RTP v. 17 (3): p. 333-345; 1993 Jun.

Paper presented at the workshop on the "Role of Science in Pesticide  
Management: an International Comparison," May 20-22, 1992, Stockholm, Sweden.  
Includes references.

Language: English

Descriptors: Pesticides; Regulation; Decision making; Management; Risk;  
Environmental assessment; Toxicology

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