Risk Assessment and Communication Related to Water Resources (I)

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Risk Assessment and Communication Related to Water Resources

Acceptable risk? making decisions in a toxic environment.
Clarke, Lee Ben
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

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
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

Lutkenhoff, S.D.; Hertzberg, R.C.; Sonich-Mullin, C.
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.
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.

The application of risk assessment techniques to microbial monitoring data: A South African perspective.
Rodda, N.; Amory, A.; Kfir, R.

An approach to environmental risk assessment using avian toxicity tests.
Shirazi, M.A.; Bennett, R.S.; Lowrie, L.
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.
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

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.
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

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

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

ATSDR public health assessment guidance manual.
United States. Agency for Toxic Substances and Disease Registry
xiv, various pagings (ca. 350 p.): ill. ; 27 cm. Includes bibliographical references.
Language: English
Descriptors: Health risk assessment; Environmental health

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
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.)


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

Calculated risks understanding the toxicity and human health risks of chemicals in our environment.


xxvi, 256 p. : ill. ; 24 cm. Includes bibliographical references (p. 236-247) and index.

Language: English

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

Carcinogen risk assessment.

Hazelwood, R.N.


Advances in food research v. 31: p. 1-51; 1987. Includes references.

Language: English

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

Chemicals in water: getting a handle on health risks.

Wilkinson, C.F.

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

iii, 108 p. : ill., 1 map ; 23 cm. Distributed to some depository libraries in microfiche. 100-48. Includes bibliographies.

Ecological risk assessment.
Suter, Glenn W.; Barnthouse, L. W.
Ecological risk estimation.  
Bartell, Steven M.; Gardner, R. H.; O’Neill, R. V.  
252 p. : ill. ; 24 cm. Includes bibliographical references and index.  
Language: English  
Descriptors: Ecological risk assessment

Beasley, V.R.; Schaeffer, D.J.  
Language: English  
Descriptors: Health hazards; Animals; Poisoning; Toxicology; Information services

Ecotoxicity and ecological risk assessment.  
Bascietto, J.; Hinckley, D.; Plafkin, J.; Slimak, M.  
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

Effective communication about risk.  
Kendall, P.  
Oak Brook, Ill. : Farm Foundation; 1990.  
Increasing understanding of public problems and policies. p. 84-91; 1990.
Elaboration of a practical method for priority selections and risk assessment among existing chemicals.
Sampaolo, A.; Binetti, R.
Includes 59 references.

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

Environmental risk assessment for New Zealand a guide for decision makers.
Pyle, Eric; Gough, J. D.
July 1991. Includes bibliographical references (p. 41-44).

Language: English
Descriptors: Pollution; Risk assessment

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.
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
Estimates of human exposure to pesticides through drinking water: a preliminary risk assessment.
Richards, R.P.; Baker, D.B.

Language: English

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

Estimation of SO2 effect thresholds for heathland species.
Dueck, T.A.; Eerden, L.J. van der; Berdowski, J.J.M.

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

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

A European perspective on ecological risk assessment, illustrated by pesticide registration procedures in the United Kingdom.
Greig-Smith, P.W.

Language: English

Language: English

Descriptors: Pollution; Environmental impact analysis; Risk assessment


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


Language: English

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

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.
Finding a common ground.
Oliver, L.R.

Singh, V. P.
International Symposium on Flood Frequency and Risk Analyses 1986 :Louisiana State University, Baton Rouge.

Framework for ecological risk assessment.

Groundwater and surface water risk assessments for proposed golf courses.
Cohen, S.Z.; Durborow, T.E.; Barnes, N.L.
Groundwater contamination by atrazine and its metabolites: Risk assessment, policy, and legal implications.
Belluck, D.A.; Benjamin, S.L.; Dawson, T.
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
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.

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

United States, NOAA Coastal Ocean Program Office

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
Health and safety regulation of small, high-risk subpopulations.
Williams, Richard A., Jr; Brown, Robert N.
University of Connecticut, Food Marketing Policy Center
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).

Health effects from hazardous waste sites.
Andelman, Julian B.; Underhill, D. W.
University of Pittsburgh, Center for Environmental Epidemiology, United States, Environmental Protection Agency
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.

Health risk analysis of ground water nitrate contamination..
Curtis, Bruce A.
University of Nebraska--Lincoln thesis : Interdepartmental Area of Engineering
Curtis, Bruce A.
1 v. (various pagings) ; ill. ; 28 cm. Includes bibliographical references.
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.

Language: English

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

50 NAL Call. No.: 79.9 SO8 (P)

Herbicides and forest ecosystems--approaches to risk communication.
McMahon, C.K.

Language: English

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

51 NAL Call. No.: KF27.S3978 1984e


Language: English; English

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

52 NAL Call. No.: GB1399.I5 1986

Singh, V. P.
International Symposium on Flood Frequency and Risk Analyses 1986 :
If not risk assessment, then what?.
O'Brien, M.
Eugene, Or. : The Coalition; 1990.

Immunotoxicity and risk assessment of pesticides in drinking water.
Sriharan, S.; Vanderslice, R.R.; Ohanian, E.V.
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.

Immunotoxicology and risk assessment of drinking water contaminants.
Koller, L.D.

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.
i, 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.
Journal of environmental science and health : Part A : Environmental science

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.
analytic: Recovery of lotic communities and ecosystems following
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
172 p. : ill. ; 26 cm. (Commentationes physico-mathematicae ; 119
Commentationes physico-mathematicae. Dissertationes ; no 38.). Includes
bibliographical references (p. 148-152).

Language: English
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
xix, 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.

Methodology for risk analysis of chemigation.
Weihing, W.J.; Eisenhauer, D.H.

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.
Pesticide transport modelling in soil for risk assessment of groundwater contamination.
Matthies, M.; Behrendt, H.
Includes references.

Language: English

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.
A primer on environmental risk analysis.
Shogren, J.F.
Staff report - Iowa State University, Center for Agricultural and Rural Development (46): 45 p.; 1990 Dec. Includes references.

Language: English

Probability kriging approach to risk assessment of environmental problems.
Rogowski, A.S.

Language: English

Problems in assessing the risks of mixtures of contaminants in drinking water.
Vanderslice, R.R.; Orme, J.; Ohanian, E.V.; Sonich-Mullin, C.

Language: English

Qualitative pathogen risk assessment for ocean disposal of municipal sludge.
United States, Environmental Protection Agency, Environmental Criteria and Assessment Office (Cincinnati, Ohio)
1 v. (various pagings): ill., 1 map; 28 cm. May 1986. EPA/600/6-88/010.
Quantitative risk analysis: overused, under-examined.
O'Brien, M.

Quantitative risk assessment for environmental and occupational health.
Hallenbeck, William H.; Cunningham, K. M.

Quantitative risk assessment of drinking water contaminants.
Cothern, C.R.; Coniglio, W.A.; Marcus, W.L.
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.

Radioecological studies on earthworms and their value for an ecotoxicological risk assessment.
Kuehle, J.C.

Language: English

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


Language: English

Descriptors: Environmental protection; Risk assessment


Language: English; English

Descriptors: Environmental protection; Risk assessment; Environmental policy


Language: English; English

Descriptors: Ecological risk assessment


Language: English

Descriptors: Reservoirs; Regulation; Flood control
A risk analysis approach to groundwater quality management in the upper Santa Cruz Basin.
Richardson, T.C.; Davis, D.R.

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

Risk analysis for water supply from a river polluted by nitrate runoff.
Plate, E.J.; Duckstein, L.

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

Risk analysis of groundwater contamination.
Ganoulis, J.

Language: English
Descriptors: Victoria; Groundwater pollution; Pollutants; Hydrodynamics; Transport processes; Groundwater flow; Aquifers; Mathematical models; Risk; Saline water; Irrigation water

Risk analysis on air emissions from groundwater aeration.
Crume, R.V.; Ryan, W.M.; Peters, T.A.; Bryan, R.J.

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
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
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.

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
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. Moskowitz ... [et al.].
Moskowitz, P. D.

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.
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.

Language: English

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

Risk assessment for selected xenobiotics by bioassay methods with higher plants.
Gunther, P.; Pestemer, M.
New York, N.Y. : Springer-Verlag; 1990 May.
Language: English
Descriptors: German federal republic; Lepidium sativum; Avena sativa; Brassica campestris; Bioassays; Germination; Growth; Risk; Assessment; Chemicals; Environmental legislation; Pollutants

Risk assessment in health and environmental regulation., Updated 03/01/86..
Cheney, David W.
Library of Congress, Congressional Research Service
Language: English
Descriptors: Health risk assessment; Government policy; United States; Environmental health; Government policy; United States

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
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,
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.
Cothern, C.R.; Milvy, P.
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

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
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.
Includes references.

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

Risk communication to the public: how safe is drinking water?.
McCallum, D.B.; Arkin, E.B.

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

Risk evaluation for sludge-borne elements to wildlife food chains.
Woodyard, David K.; Haufler, Jonathan B.
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

Risk management of chemicals in the environment.
Seip, Hans M.; Heiberg, Anders B.
North Atlantic Treaty Organization, Committee on the Challenges of Modern Society
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.

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.

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.

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
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.


Language: English

Descriptors: Health risk assessment; Drinking water; Pollution

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

Bromley, Daniel W., 1940--; Segerson, Kathleen,


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

Language: English

Descriptors: Environmental policy; Risk assessment

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

Vaughan, Elaine


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

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

Sidhu, K.S.


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.
Temporal scales in ecological risk assessment.
Burger, J.; Gochfield, M.

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

Terrestrial wildlife exposed to agrochemicals: an ecological risk assessment perspective.
Kendall, R.J.; Akerman, J.

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

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

Language: English; English

Language: English; English

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


Language: English

Descriptors: Environmental health; Toxicology; Health risk assessment


Language: English

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


Language: English
Descriptive: 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.

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.

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.

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.

Language: English
Umweltmanagement Erfahrungen und Instrumente einer umweltorientierten Unternehmensstrategie [Environmental management]., 2. überarbeitete 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

Uncertainties in quantitative risk assessments--two examples: trichloroethylene and radon in drinking water.
Cothern, C.R.
Advances in modern environmental toxicology v. 15: p. 159-180; 1988. Includes references.

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

Uncertainty in environmental health risk assessment.
Bogen, Kenneth
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

Understanding pesticide regulation. III. Health risk assessment in pesticide registration.
Bellinger, R.G.; Horton, P.M.
U.S. Environmental Protection Agency processes for consensus building for hazard identification.
Schoeny, R.S.

Language: English

Descriptors: Risk; Health hazards; Environmental protection

Use of microbial risk assessment in setting US drinking water standards.
Macler, B.A.; Regli, S.

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.

Use of risk assessment for development of microbial standards.
Rose, J.B.; Gerba, C.P.

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.
Barnthouse, 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
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.

Language: English

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

136 NAL Call. No.: QA540.3.N3 v.29

Water resources engineering risk assessment.
Ganoulis, J.

Language: English

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

137 NAL Call. No.: QA1190.R42

Why different regulatory decisions when the scientific information base is similar?—environmental risk assessment.
Dobson, S.

Language: English

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

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