

Books

Books is an editorial service for readers' information. To order any book listed or any U.S. book in print, please remit retail price, plus \$2.00 postage and handling charge for each book, to **SCIENCE NEWS BOOKS**, 1719 N Street, NW, Washington, DC 20036. All books sent postpaid. Domestic orders only. Please allow 4-6 weeks for delivery.

The Common Loon: Spirit of the Northern Lakes — Judith W. McIntyre. A technical yet understandable look at this spectacular bird. The book begins with an exploration of loon legends and beliefs from ancient and modern cultures, and progresses to breeding biology, ecology, behavior, classification and distribution. In the last two chapters the author discusses the relationship between humans and loons and the efforts currently being made for loon conservation. Includes excellent maps, figures and drawings and a few color photographs, as well as a 45-rpm recording of loon calls. U of Minn Pr, 1988, 228 p., color/b&w illus., hardcover, \$25.00.

Dictionary of Astronomical Names — Adrian Room. When, why, how and by whom the stars, constellations, minor planets and craters of the moon were named. An introductory chapter of astronomical lore explains, for example, that for many years the ancient Greeks thought Venus was two celestial bodies because it was visible both in the morning and in the evening. The dictionary section covers stars, constellations, planets and minor planets from Amalthea (a satellite of Jupiter) to Zubeneschamali (star Beta Librae). Appendices list and explain the origins of the names of moon craters and of minor planets. Routledge, 1988, 282 p., hardcover, \$27.50.

Fearful Symmetry: The Search for Beauty in Modern Physics — A. Zee. The author shows how symmetry guides nature's grand design and is the unifying intellectual and aesthetic viewpoint through which fundamental physicists look at nature. He describes how symmetry affects such diverse phenomena as the longevity of stars, the magic of light, the expansion of the cosmos and the life and death of particles. Originally published in hardcover in 1986. Collier, 1989, 322 p., illus., paperback, \$9.95.

Light, Lasers and Optics — John H. Mauldin. An introduction to the science and technology of light and optics for the general reader with no physics training. The author explains that optics affects many disciplines outside the physical sciences — such as art, design, biology and psychology — and needs to be understood in order to be used or interpreted effectively. Basic scientific units are explained in the text and new terms are highlighted and explained. References and further reading are given. TAB Bks, 1988, 243 p., illus., paperback, \$14.95.

Lot's Wife: Salt and the Human Condition — Sallie Tisdale. Explores the myriad forms and uses of sodium chloride. From amniotic fluid to burial rites, salt plays a critical role in almost every aspect of life. Our bodies need it, crave it and can be killed by too little or too much of it. The title is taken from the fable of the impulsive wife who turned for a backward glance at the burning of the city of Sodom and was changed into a salt pillar, forever peering down on the people of Sodom. H Holt & Co, 1988, 214 p., hardcover, \$18.95.

The Nature of Birds — Adrian Forsyth. A naturalist shares a fascinating look at bird behavior. One hundred spectacular color photos highlight Forsyth's numerous field examples of nest architecture, the benefits and drawbacks of colorful plumage, singing, mating habits and colonies. Find out why the great crested flycatcher lines its nest with snakeskins, how the male goldfinch changes from brilliant to dull plumage after mating and the significance of the "owl eye" on the sunbittern's wing. Camden Hse, 1988, 160p., color illus., paperback, \$19.95.

The Physical World — Martin Sherwood and Christine Sutton, Eds. A nontechnical guided tour to the familiar and frequently puzzling events that occur around us every day. Comprehensive diagrams and full-color photos take the mystery out of how acid rain forms, how cocaine affects the brain, the effect of a gravitational lens and how surfactant molecules lift dirt and grease from a carpet. Oxford UPr, 1988, 248 p., illus., hardcover, \$35.00.

The Radon Industry Directory 1989. Organized into 25 sections, including: lists of radon detection and mitigation firms nationwide, arranged alphabetically and by state served; radon product manufacturers and research centers; federal, state and local government agencies involved in radon-related activities; health, real estate, occupational and public interest organizations involved with radon; radon legislation, conferences, events and publications; and a glossary of radon terms. Radon Pr, 1988, 550 p., paperback, \$75.00.

Register
NOW!

Landfill and Solid Waste Management

April 30-May 2, 1989

Toxic Discharge Solutions

May 3-4, 1989

SOLUTIONS 89 is aimed at management, across multiple industries, interested in long-term issues related to solid waste topics and toxic substance control. Presentations will cover both technology and regulatory subjects as well as the present status of industry's toxic substance concerns. Emphasis is on factual information presented by true experts. The speakers will cover the complex issues involved and how industry can make money while solving environmental problems.

These two international conferences will be held at Callaway Gardens in Pine Mountain, Georgia, near Atlanta. Please contact Marketing/Technology Service for registration information, abstracts, hotel information and latest program additions.

Solutions 89

INTERNATIONAL CONFERENCES

Integrated Solid Waste Management Today

William E. Franklin, President, Franklin Associates Ltd., KS

Implications of Waste Disposal Questions for Packaging

Karl Kamena, Chairman, COPPE, Washington, DC

Uncertainty and Conservatism in Risk Assessment of Dioxin in Paper Mill Sludge Used for Mineland Reclamation

Frank Lawrence, M.D., President and Medical Dir., Envirologic Data, MA

Ashes to Ashes, Dust to Dust - Legal Issues in Solid Waste Management

Robert C. Davis, Crowell & Moring, Washington, DC

Recycling by Sanitary Landfill Degradation

R. Riley Kinmann, University of Cincinnati, OH

Degradable Plastics for the 90's

Eric Reger, Manager Technical Service, Ampacet, NY

Garbage to Gold - A Success in Recovering Polyester for Profit

Dennis Sabourin, Vice President, Wellman Industries, NJ

Starch Based Degradable Plastics

Wayne Maddever, St. Lawrence Starch Company Limited, Canada

High Anxiety - Recycling, Biodegrading and Doing Business in the Land of Fruits and Nuts

James P. Hanson, Director, Marketing/Technology Service, Inc., MI

Environmental Biotechnology for Toxic and Hazardous Waste Treatment: Current Status, Potential Uses and Impediments

Hindering Application

Dr. Robert Hickey, Michigan Biotechnology Institute, MI

Chemicals in our Environment - Recent Developments in Health Concerns

Dr. Bruce Dan, American Medical Association, IL

Toxic Halogenated Aromatic Wastes (PCBs and Dioxins) Quantitative Hazard Assessment

Dr. Stephen H. Sale, Texas A & M University, TX

Determination of Polychlorinated Dibenzop-p-Dioxins and Dibenzofurans in Pulp and Paper Samples

Yves Tondeur, Manager of Dioxin Division and J.R. Hass, Triangle Laboratories, NC

Toxic Torts - Environmental Hazards for Industry Profits

Patrick W. Lee, Crowell & Moring, Washington, DC

Hazardous Waste Minimization: What the Law Requires

L.A. Weaver, General Manager, L.A. Weaver Company, NC

Progress in Protective Apparel

Dr. Theresa A. Perenich, University of Georgia, GA

Environmental Aspects of Corporate Real Estate Transactions

James S. Stokes, Partner, Alston & Bird, GA

Integrated Flue Gas Control Systems for NO_x and SO₂: Progress and Potential

John B.L. Harkness and C. David Livengood, Energy and Environmental Systems Division, Argonne National Laboratory, IL

Dissipation of Soil Selenium by Microbial Volatilization at Kesterson Reservoir

William T. Frankenberger, Jr., Associate Professor, University of California at Riverside, Soils Department, CA

Co-presentation: Microbial Volatilization of Arsenic

Karen D. Huysmans, Staff Research Associate, University of California at Riverside, CA

NAME _____	
COMPANY _____	ADDRESS _____
CITY _____	STATE _____ ZIP _____
PHONE _____	FAX _____

Marketing/Technology Service, Inc. • Solutions 89 • 4100 S. Seventh St., Kalamazoo, MI 49009
Phone: 616-375-1236 Fax: 616-375-6710 Telex: 810-277-1024 MTS KMZ