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Urban Change in Iron Age Europe

CHAOS

Making a New Science

By James Gleick

Book: Penguin, 1987, 352 pages, 9¼" x 6¼", paperback, \$8.95 ISBN 0-14-009250-1

Tapes: Dove Books on Tape, 1989, 2 cassettes, approx. 3 hours, \$14.95 ISBN 1-55800-141-7

Science News Books

1719 N Street, NW, Washington, DC 20036

Please send the items marked below:

- Chaos book \$8.95
 Chaos tapes \$14.95

Please include \$2.00 postage and handling for each item ordered. Maximum \$4.00 charge.

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The essence of chaos is a style of thinking about the world that requires no scientific background to understand. Chaos is a science of the everyday world, treating phenomena on a human scale and addressing the questions that every child has wondered about — the formation of clouds, the patterns of sand in the desert, why all snowflakes are different, how smoke rises and how a faucet drips. The first science to sweep across disciplines from ecology and economics to meteorology and physiology, it is a field whose essence is mathematical (with the computer as an essential tool), but whose unfolding affects everyone's lives — the way business executives make decisions about insurance, political analysts talk about stresses leading to armed conflict, the way ordinary people look at the whorls and eddies of a natural stream. Barely a decade old, chaos is being identified by some scientists as the third revolution in the physical sciences in the twentieth century, after relativity and quantum mechanics. — *from the publisher*

Chaos is available as a paperback book or as two cassettes, total playing time three hours.

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 understanding the complex issues involved in dealing with these problems 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.

LANDFILL AND SOLID WASTE MANAGEMENT

- **High Anxiety - Recycling, Biodegrading and Doing Business in the Land of Fruits and Nuts**
James P. Hanson, Director - Marketing/Technology Service, Inc., MI
- **Pollution Prevention Pays! 14 Years Experience with Waste Minimization and Incineration**
3M Company, MN
- **Implications of Waste Disposal Questions for Packaging**
Karl Kamena, Chairman - COPPE, Washington, DC
- **Ashes to Ashes, Dust to Dust - Legal Issues in Solid Waste Management**
Rob Davis - Crowell & Moring, Washington, DC
- **Uncertainty and Conservatism in Risk Assessment of Dioxin in Paper Mill Sludge Used for Mine Land Reclamation**
Frank Lawrence, M.D., President and Medical Director - Envirologic Data, MA
- **Recycling by Sanitary Landfill Degradation**
Dr. Riley Kinman - University of Cincinnati, OH
- **Garbage to Gold - A Success in Recovering Polyester for Profit**
Dennis Sabourin, Vice President - Wellman Industries, NJ
- **Degradable Plastics for the 90's**
Eric Reger, Manager Technical Service - Ampacet, NY
- **The Waste Disposal Question - Implications for Synthetic Fibers and Films**
- **Effective Presentation of Corporate Viewpoint to the Public**

TOXIC DISCHARGE SOLUTIONS

- **Environment Aspects of Corporate and Real Estate Transactions**
James Stokes, Partner - Alston & Bird, GA
- **Progress in Protective Apparel**
Dr. Teresa Perenich - University of Georgia, GA
- **Determination of Chlorinated Dibenzo-p-Dioxins and Dibenzofurans in Pulp and Paper Samples**
Yves Tondeur, Manager of Dioxin Division and J.R. Hass - Triangle Laboratories, NC
- **Chemicals in our Environment - Recent Developments in Health Concerns**
Dr. Bruce Dan - American Medical Association, IL
- **Hazardous Waste Minimization: What the Law Requires**
L.A. Weaver, General Manager - L.A. Weaver Company
- **Toxic Halogenated Aromatic Wastes (PCB's and Dioxins) - Quantitative Hazard Assessment**
Dr. Steven H. Safe - Texas A & M University, TX
- **Toxic Torts - Environmental Hazards for Industry Profits**
Patrick W. Lee - Crowell & Moring, Washington, DC
- **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
- **Bio-Remediation of Toxic Wastes**
Dr. Robert Hickey - Michigan Biotechnology Institute, MI
- **Dissipation of Selenium by Microbial Volatilization at Kesterson Reservoir**
William T. Frankenberger, Jr., Associate Professor - University of California at Riverside, Soils Department, CA

Solutions 89
INTERNATIONAL CONFERENCES

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