Journal of Hazardous Materials

Environmental control technology, risk assessment, impact and management

The Journal of Hazardous Materials publishers full length research papers, reviews, project reports, case studies and short communications which improve our understanding of the hazards and risks certain materials pose to people and the environment or deal with ways of controlling the hazards and associated risks. To limit the scope the following areas are excluded: work place health & safety, drugs, and nuclear related topics. The Journal is published in two parts:

Part A: Risk Assessment and Management

- □ Characterization of the harmful effects of hazardous materials
- □ Impact assessment methods and models acute and chronic effects of hazardous chemical releases
- □ Approaches to risk assessment and management, including legislation
- □ Incident case histories and lessons for risk management

Part B: Environmental Technologies

- □ Pollution control processes
- □ Inherently safer and cleaner technologies
- □ Treatment and disposal of solid, liquid and gaseous hazardous wastes
- □ Remediation of contaminated soil and groundwater

Editors

Professor Gary Bennett, Department of Chemical and Environmental Engineering, University of Toledo, 2801 W Bancroft Street, Toledo, OH 43606, USA. Tel: (+1) 419 530 8103; Fax: (+1) 419 530 8086; E-mail: gbennett@eng.utoledo.edu Dr Clive Nussey, 723 Worrall Road, Sheffield, S30 3AU, UK. Tel/Fax: (+44) 114 2862832; E-mail: clive.nussey@btinternet.com Professor Charles D. Shackelford, Department of Civil Engineering, Colorado State University, Fort Collins, CO 80523-1372, USA. Tel.: (+1) 970 491 5051; Fax: (+1) 970 491 3584/7727; E-mail: shackel@engr.colostate.edu

Editorial Board

M.A. Abraham (Toledo, OH, USA)	WJ. Lee (Tainan, Taiwan, ROC)
R.C. Ahlert (Ormond Beach, FL, USA)	R.C. Loehr (Austin, TX, USA)
G. Bailey (Athens, GA, USA)	T. Mangialardi (Rome, Italy)
P.L. Bishop (Cincinnati, OH, USA)	S.J. Moore (Sydney, NSW, Australia)
R.E. Britter (Cambridge, UK)	I.A. Papazoglou (Athens, Greece)
A. Buekens (Brussels, Belgium)	H.J. Pasman (Delft, The Netherlands)
R.A. Cames (Greenville, SC, USA)	L.N. Reddi (Manhatten, KS, USA)
G.W. Dawson (W Richland, WA, USA)	W.R. Roy (Champaign, IL, USA)
J.S. Devinny (Los Angeles, CA, USA)	M. Tamura (Bunkyo-ku, Tokyo, Japan)
N.J. Duijm (Roskilde, Denmark)	K. Tatsumi (Ibaraki, Japan)
R.K. Eckhoff (Bergen, Norway)	C.C. Travis (Oak Ridge, TN, USA)
M. Fingas (Ottawa, Ont., Canada)	L.M. Vane (Cincinnati, OH, USA)
J. Gardea-Torresdey (El Paso, TX, USA)	F. Walsh (Bath, UK)
R.F. Griffiths (Manchester, UK)	R.J. Watts (Pullman, WA, USA)
D.G. Grubb (Reading, PA, USA)	D. Wilkinson (Ispra, Italy)
B. Harris (Solihull, UK)	J.L. Woodward (San Antonio, TX, USA)
A. Kumar (Toledo, OH, USA)	CL. Yang (Fall River, MA, USA)
	Publication schedule and subscription information

Journal of Hazardous Materials (ISSN 0304-3894). For 2003 eleven volumes are scheduled for publication (94–104). Subscription prices are available upon request from the publisher. Subscriptions are accepted on a prepaid basis only and are entered on a calendar year basis. Issues are sent by surface mail except to the following countries where air delivery via SAL is ensured: Argentina, Australia, Brazil, Canada, Hong Kong, India, Isreal, Japan New Zealand, Pakistan, PR China, Singapore, South Africa, South Korea, Taiwan, Thailand, USA. For all other countries air-mail rates are available upon request. Claims for missing issues must be made within six months of our publication (mailing) date.

Orders, claims, and product enquiries: please contact the Customer Support Department at the Regional Sales Office nearest you: New York: Elsevier Science, PO Box 945, New York, NY 10159-0945, USA; phone: (+1) (212) 633 3730 [toll free number for North Ameri-

can customers: 1-888-4ES-INFO (437-4636)]; fax: (+1) (212) 633 3680; e-mail: usinfo-f@elsevier.com Amsterdam: Elsevier Science, PO Box 211, 1000 AE Amsterdam, The Netherlands; phone: (+31) 20 4853757; fax: (+31) 20 4853432; e-mail: nlinfo-f@elsevier.com

Tokyo: Elsevier Science, 9-15 Higashi-Azabu 1-chome, Minato-ku, Tokyo 106-0044, Japan; phone: (+81) (3) 5561 5033; fax: (+81) (3) 5561 5047; e-mail: info@elsevier.co.jp

Singapore: Elsevier Science, 3 Killiney Road, #08-01 Winsland House I, Singapore 239519; phone: (+65) 6349 0200; fax: (+65) 6733 1510; e-mail: asiainfo@elsevier.com.sg

Rio de Janeiro: Elsevier Science, Rua Sete de Setembro 111/16 Andar, 20050-002 Centro, Rio de Janeiro-RJ, Brazil; phone: (+55) (21) 509 5340; fax: (+55) (21) 507 1991; e-mail: elsevier@campus.com.br [Note (Latin America): for orders, claims and help desk information, please contact the Regional Sales Office in New York as listed above]