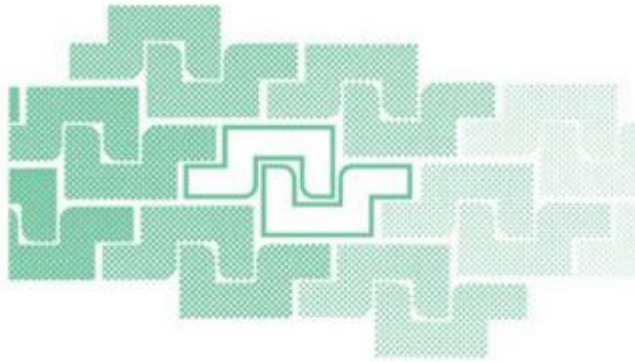


(NATO science series. Earth and environmental sciences Series IV 69) Irena Twardowska, Herbert E. Allen, Max M. Häggblom, Sebastian Stefaniak - Viable methods of soil and water pollution monitoring.



Soil and Water Pollution Monitoring, Protection and Remediation

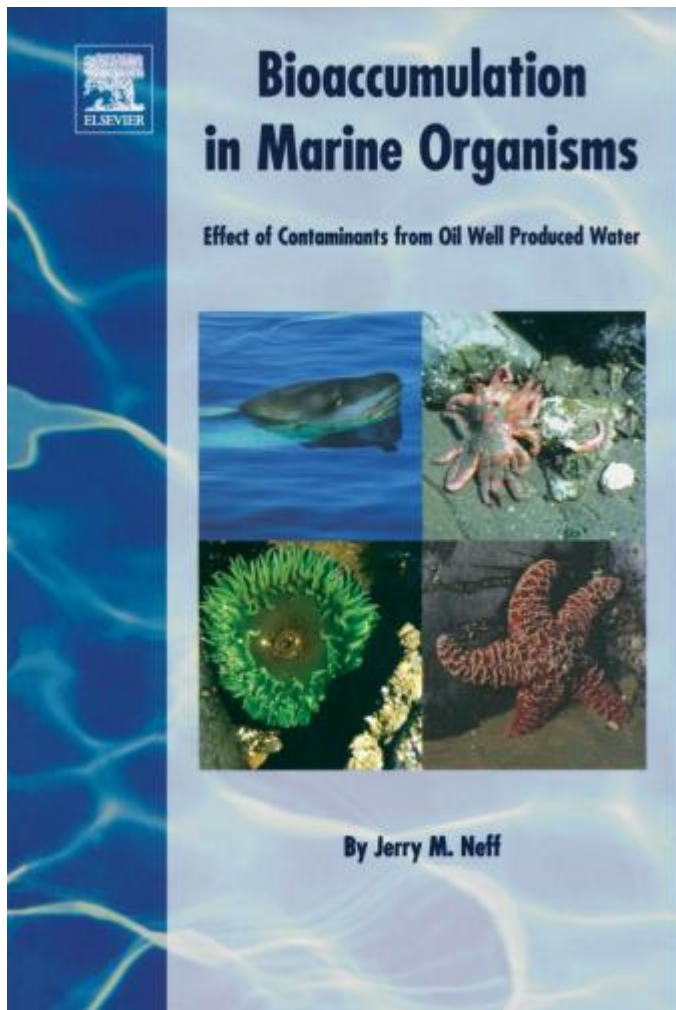
Edited by

Irena Twardowska, Herbert E. Allen
and Max H. Häggblom

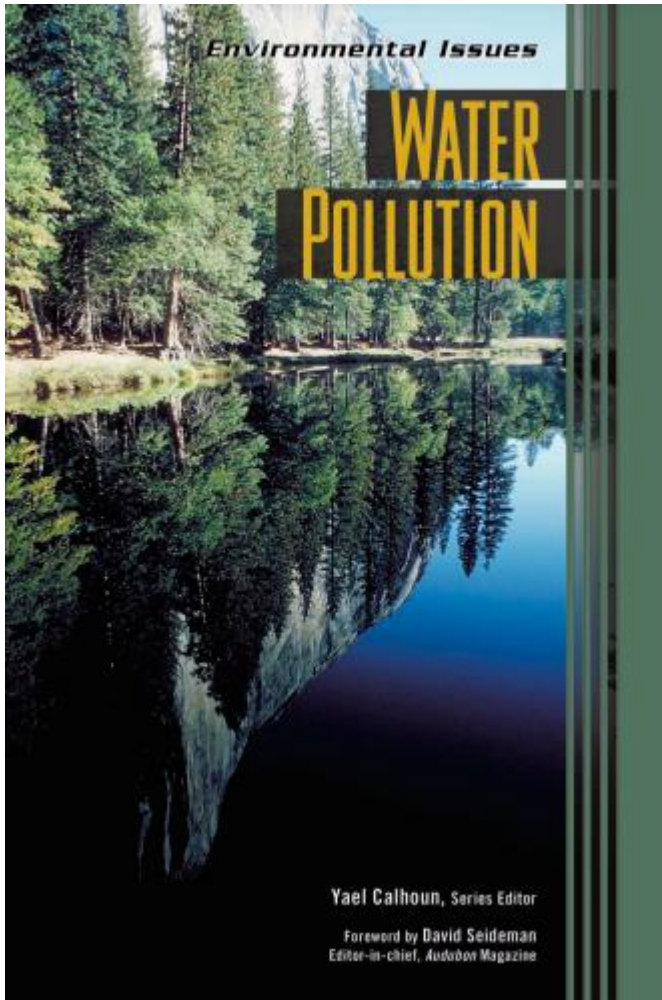
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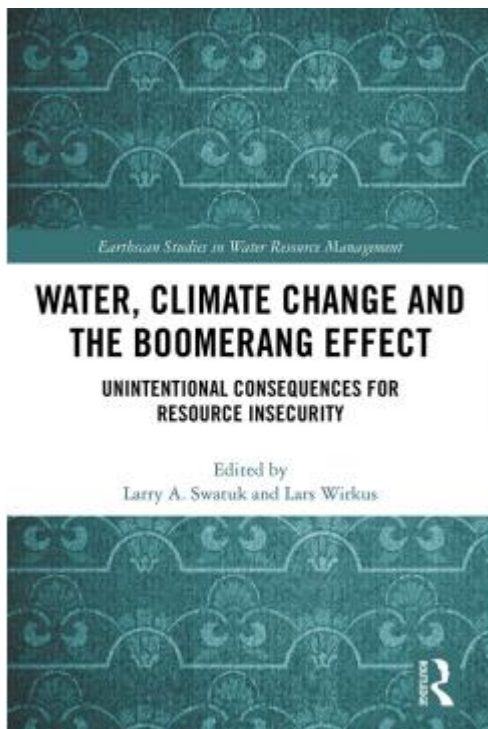
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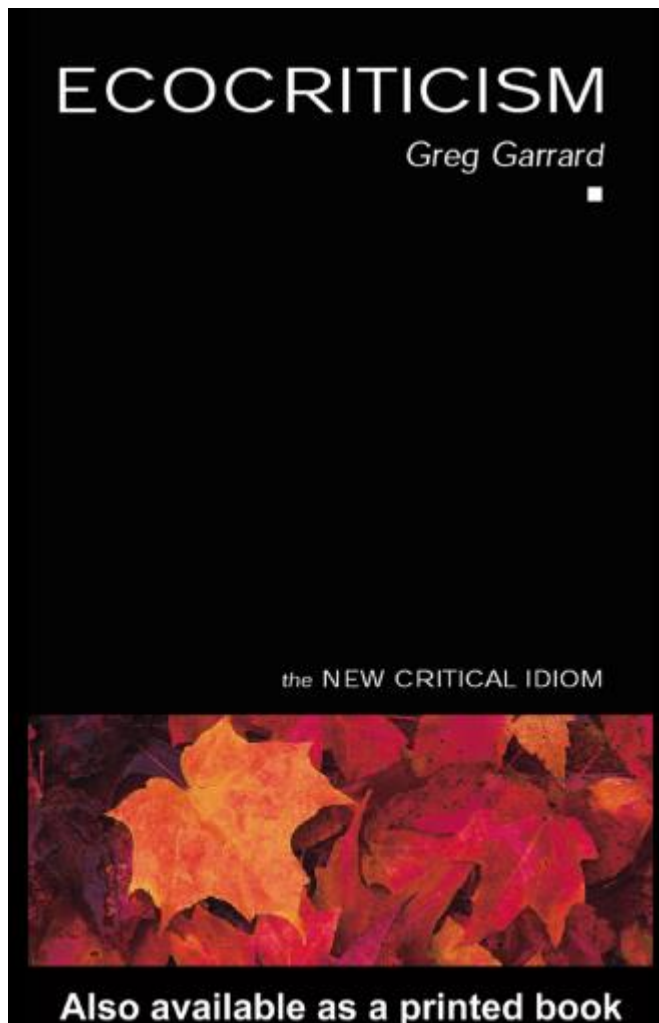
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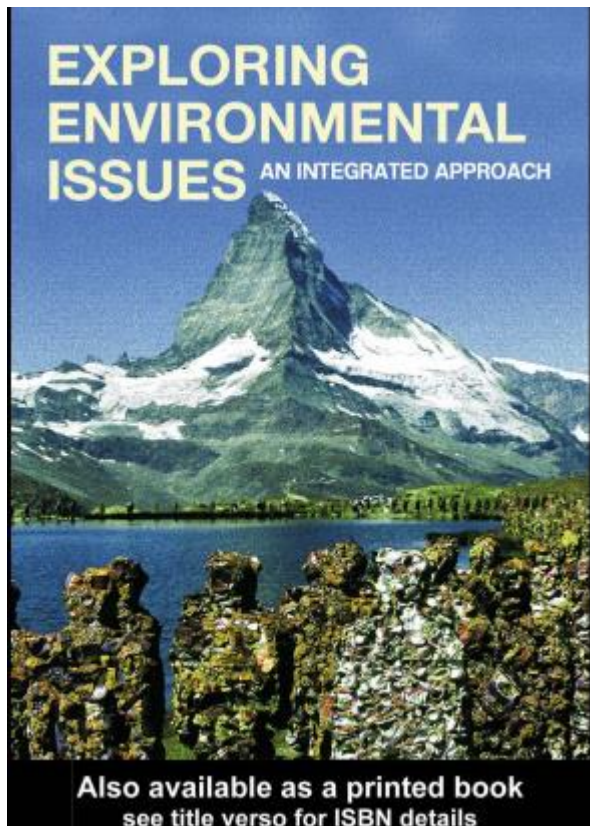
Water, Climate Change and the Boomerang Effect_ -- Larry Swatuk; Lars Wirkus – 2020



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David D Kemp, NetLibrary, Inc. - Exploring environmental issues_ an integrated approach-Routledge (2004)



Kajian Pustaka William Rueckert (1978)

WILLIAM RUECKERT

Literature and Ecology

AN EXPERIMENT IN ECOCRITICISM

"It is the business of those who direct the activities that will shape tomorrow's world to think beyond today's well-being and provide for tomorrow."—Raymond Clearman, *Poem in April*

"May living things that happen to live on earth must fit into the ecosphere or perish."—Barry Commoner, *The Closing Circle*

"... the function of poetry . . . is to rouse the spirit of man by giving him the scenes he seeks. We have only to lower our standard of demanding nature and to raise our standard of participating in it in order to make the reconciliation take place. When man becomes proud to be not just the site where ideas and feelings are produced, but also the creature who they divide and mingle, he will be ready to be saved. Hope therefore lies in a poetry through which the world he inhabits the spirit of man that he becomes almost speechless, and later reverts to language."—Francis Ponge, *The Voice of Things*

SHIFTING OUR LOCUS OF MOTIVATION

Where have we been in literary criticism in my time? Well, like Count Mippipopolis in *The Sun Also Rises*, we seem to have been everywhere, seen and done everything. Here are just some of the positions and battles which many of us have been into and through: formalism, professional-ism, and contextualism; biographical, historical, and textual criticism; stylistic, archetypal, and psychological criticism; structuralism and phenomenology; spatial, ontological, and—well, and so forth, and so forth. Individually and collectively, we have been through so many great and

(The Handbook of Environmental Chemistry 3 _ Water Pollution) Charles J. Werth (auth.), Tarek A. Kassim (eds.) - Water Pollution_ Environmental Impact Assessment of Recycled Wastes on Surface and Group

Handb Environ Chem Vol. 5, Part I, Vol. 3 (2005) 1–32
DOI 10.1007/bf11493
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Equilibrium Partitioning and Mass Transfer of Organic Chemicals Leached from Recycled Hazardous Waste Materials

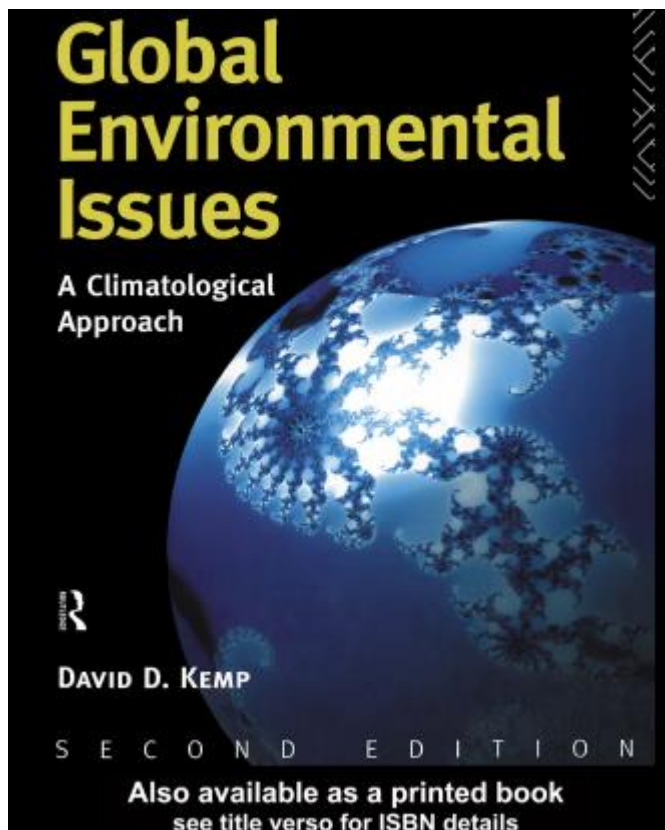
Charles J. Werth (✉)

Department of Civil and Environmental Engineering, University of Illinois
at Urbana-Champaign, 205 N. Mathews Ave., Urbana, IL 61801, USA
werth@uiuc.edu

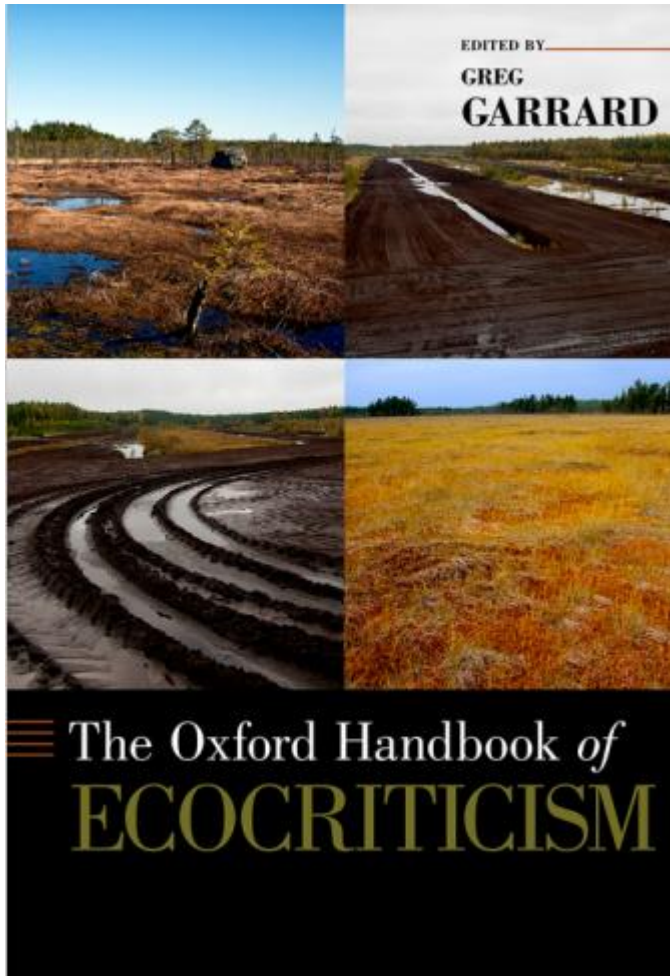
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Abstract Potentially hazardous waste materials (HWMs) are increasingly being recycled and used as highway construction and repair materials (CRMs). While reducing disposal costs, this practice raises concerns because hazardous organic pollutants (HOPs) from these wastes can leach from highways and enter soil surface and ground waters. This chapter presents the equilibrium partitioning and mass transfer relationships that control the transport of HOPs between and within highway CRM and different phases in the environment. Partitioning relationships are derived from thermodynamic principles for air, liquid, and solid phases.

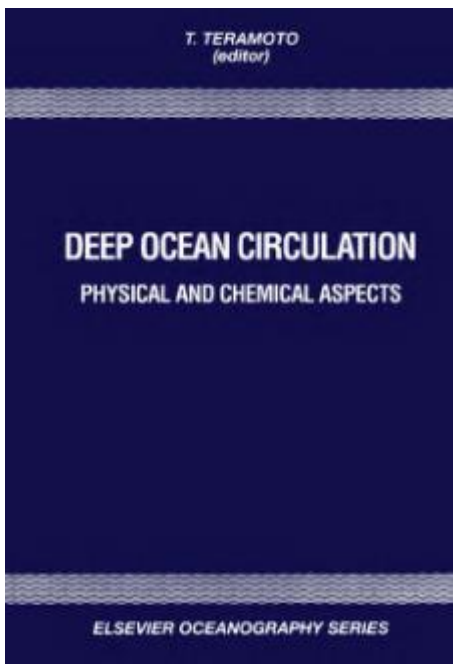
David D. Kemp - Global Environmental Issues_ A Climatological Approach-Routledge (1994)



Greg Garrard and Cheryl Glotfelty - The oxford handbook of Ecocriticism-Oxford University Press (2014)



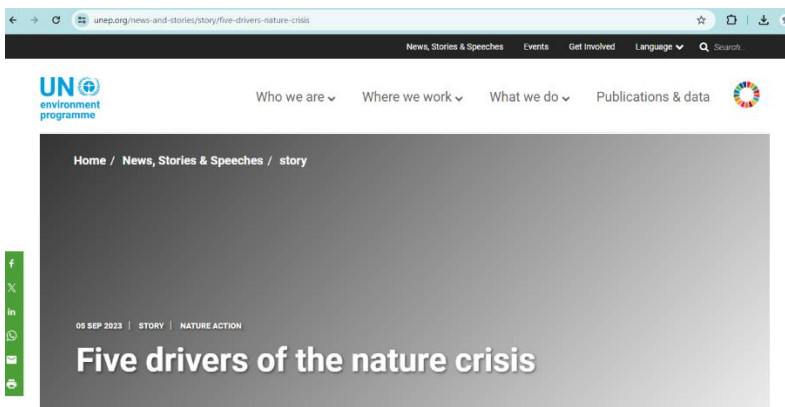
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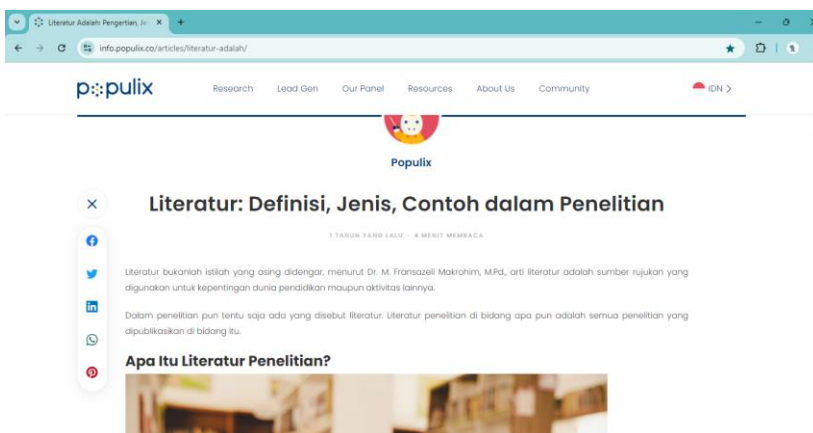


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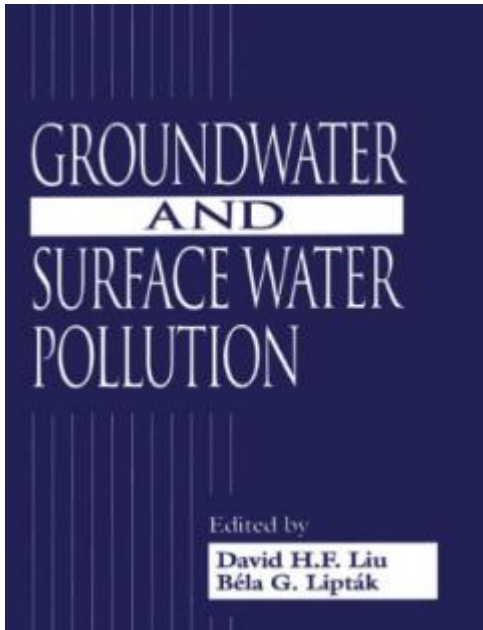
Nationalgeographic.co.id – Bayi hiu karang sirip hitam tewas setelah terjebak dalam sampah karung beras yang mengambang di lautan. Ia ditemukan di perairan Maya Bay, pulau Koh Phi Phi Ley, Thailand—yang dipopulerkan film *The Beach* pada 2000.



<https://info.populix.co/articles/literatur-adalah>



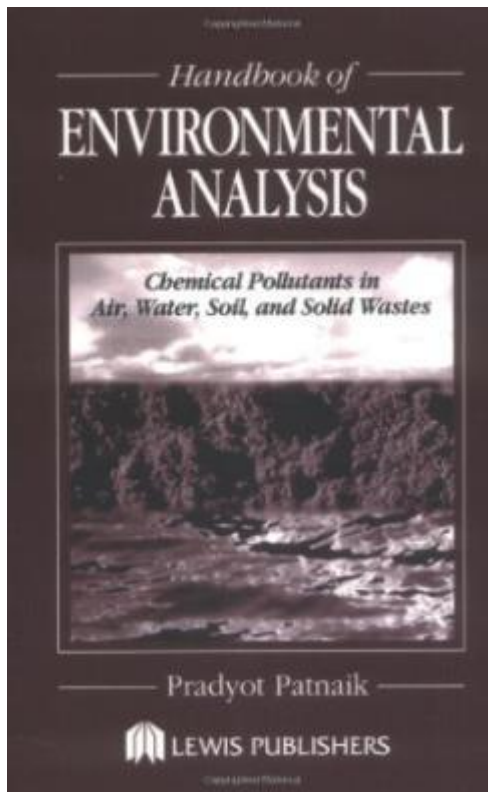
David H.F. Liu and Bela G. Liptak (2000) Groundwater and Surface Water Pollution



University of Nebraska Press, (2018) *Kyle Bladow; Jennifer Ladino Affective Ecocriticism: Emotion, Embodiment, Environment*



Pradyot Patnai (1997) *Handbook of environmental analysis: chemical pollutants in air, water, soil, and solid wastes*



US DOE, 2002 Novel Concepts for Damage-Resistant Alloys in Next-Gen Nuclear Powerplants

