



# MERI LIBRARY BOOKS & NEWS

New Jersey Meadowlands Commission Environmental Research Institute Volume 4 • Issue 1 • Spring/Summer • 2009

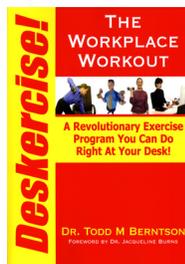
## What's New at the MERI Library:



In addition to the 91 new titles listed inside this issue, the MERI Library currently has 925 catalogued and indexed archival documents, 253 of which are also available online Full Text. These Full Text documents are accessible through the MERI Library Web Site and the Reports Database. Some new additions to the database include Paul Lioy's *Studying Baseline Quality of Ambient and Personal Air Within the New Jersey Meadowlands District: Final Report*; 1. *Air Pollution Measurement Components*; 2. *Modeling Components*. and *Growing Up in the Meadowlands* by Marjorie Barrall Patak. All documents are available for viewing at the MERI Library.

The majority of the MERI Library's circulating books, including those listed in this newsletter, have been added into the NJ State Library's JerseyCat Interlibrary Loan System Catalogue. These titles are available through JerseyCat, or, for employees of the NJMC, borrowed directly from the library using their MERI Library Access Cards. If you believe you are eligible to obtain a borrowers card but have not yet done so, stop by the library to apply for one. Or contact the Librarian at [Tammy.Marshall@njmeadowlands.gov](mailto:Tammy.Marshall@njmeadowlands.gov) or by phone 201-460-2808.

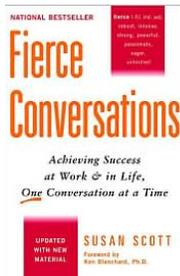
## FOCUS ON: Personal and Professional Development



### Deskerchise! The Workplace Workout

by **Todd M. Berntson**  
Exercise does not have to stop when you arrive at work. This book, written by Doctor of Chiropractic Medicine, provides illustrated guides

to stretches and exercises that can be done easily in the office. It also provides advice on general health and nutrition, including discussions of the causes of various types of muscle and general body pains common among office workers. -*Tammy A.S. Marshall, MERI Library*

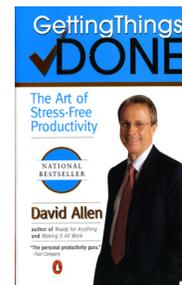


### Fierce Conversations: Achieving Success at Work & in Life, One Conversation at a Time

by **Susan Scott**

Scott maintains a consulting firm, Fierce Conversations, which provides leadership programs on creating positive change through powerful communication. The conversations she refers to may be the very ones that you have been avoiding in your relationships at work or at home. They involve bringing those brutally

honest and sometimes painful subjects to the surface with your coworkers, your spouse, and especially yourself. The case studies from her consulting practice are very instructive. Typically, personal conflicts may be so destructive as to sabotage the day-to-day operations of a company and affect performance, morale, and income. In her meetings with coworkers, Scott attacks the issues head-on, getting everyone to speak up about the things that he or she has been thinking but dares not say. The result is a clearing of the air, a breaking of tension. Sometimes people are "made available to industry," her euphemism for being fired. The results are usually powerful, and Scott's workbook exercises will allow readers to have effective, life-changing fierce conversations of their own. David Siegfried, Booklist. Copyright © American Library Association. All rights reserved



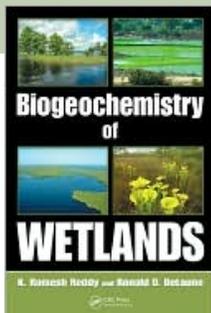
### Getting Things Done: The Art of Stress-Free Productivity

by **David Allen**

Allen, a management consultant and executive coach, provides insights into attaining maximum efficiency and at the same time, relaxing whenever one needs or wants to. Readers learn that there is no single means for perfecting organizational efficiency or

*Continued on page two.*

## FOCUS ON: Biology and Chemistry



### Biogeochemistry of Wetlands: Science and Applications

by **Ramesh Reddy and Ronald D. DeLaune.**

This book offers an in-depth look at the chemical and biological cycling of nutrients, trace elements, and toxic organic compounds in wetland soil and water column as related to water quality, carbon sequestration, and greenhouse gases. It details the electrochemistry, biochemical processes, and transformation mechanisms for the elemental cycling of carbon, oxygen, nitrogen, phosphorus, and sulfur. Additional chapters examine the fate and chemistry of heavy metals and toxic organic compounds in wetland environments. The authors emphasize the role of redox-pH conditions, organic matter, microbial-mediated processes that drive transformation in wetlands, plant responses and adaptation to wetland soil conditions. They also analyze how excess water, sediment water, and atmospheric change relate to elemental biogeochemical cycling. CRC Press Publisher Description

*More on page two.*

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## FOCUS ON: Personal and Professional Development

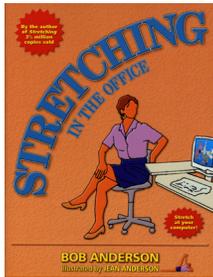
productivity; rather, the author offers tools to focus energies strategically and tactically without letting anything fall through the cracks. He provides tips, techniques, and tricks for

implementation of his workflow management plan, which has two basic components: capture all the things that need to be done into a workable, dependable system; and discipline oneself to make front-end decisions with an action plan for all inputs into that system. In short, do it (quickly), delegate it (appropriately), or defer it. While an infomercial for the author's consulting practice, this road map for organizational efficiency may help many who have too much to do in too little time, both professionally and in their personal lives. Mary Whaley, Booklist.

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## Stretching in the Office

by Bob Anderson

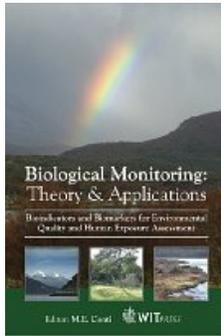


A companion book to Stretching, Stretching in the Office provides illustrated instructions on stretching for every part of the body, from the face to the feet. Each of these exercises is simple enough for the office, at your desk, on the phone, by the copier machine, or where ever you are. This is a great

way to stay limber, relieve stress, and ease muscle pain. Tammy A.S. Marshall, MERI Library.

(Continued from page one)

## FOCUS ON: Biology and Chemistry



## Biological Monitoring: Theory & Applications : Bioindicators and Biomarkers for Environmental Quality and Human Exposure Assessment

edited by M.E. Conti

This book provides the reader with a basic understanding of the use of bioindicators both in assessing environmental quality and as a means of support in environmental impact assessment (EIA) procedures. The book primarily deals with the applicability of these studies with regard to research results concerning the basal quality of ecosystems and from an industrial perspective, where evaluations prior to the construction of major projects (often industrial plants) are extremely important. WIT Press Publisher Description

## Chromium (VI) Handbook by Independent Environmental Technical Evaluation Group (IETEG)

Put together by a team of scientists, engineers, regulators, and lawyers, the Chromium(VI) Handbook consolidates the latest literature on this topic. The broad scope of this book fills the need for a comprehensive resource on chromium(VI), improving the knowledge of this contaminant at a time when the extent and degree of the problem is still being assessed. It addresses naturally occurring and anthropogenic sources, geology and geochemistry, toxicity, treatment, regulatory issues and legal cases, and recommendations. The handbook is a timely and necessary reference for environmental scientists, engineers, city planners, and more. CRC Press Publisher Description

## Environmental Chemistry

by Stanley E. Manahan

Revised and updated since the publication of the best-selling Seventh Edition, this text continues to emphasize the major concepts essential to the practice of environmental science, technology, and chemistry while introducing the newest innovations to the field. The author provides clear explanations to important concepts such as the anthrosphere, industrial ecosystems, geochemistry, aquatic chemistry, and atmospheric chemistry, including the study of ozone-depleting chlorofluorocarbons. The subject of industrial chemistry and energy resources is supported by pertinent topics in recycling and hazardous waste. Several chapters review environmental biochemistry and toxicology, and the final chapters describe analytical methods for measuring chemical and biological waste. CRC Press Publisher Description

# New Books at the MERI Library - Spring/Summer 2009

## Astronomy

### Aqua: Monitoring the Earth's Water Cycle and Associated Variables from the Vantage of Space

by NASA Goddard Space Flight Center.  
GOV DOC NAS 1.83:2002-1-422-GSFC  
[http://aqua.nasa.gov/doc/pubs/Aqua\\_brochure.pdf](http://aqua.nasa.gov/doc/pubs/Aqua_brochure.pdf)

### Astronomical Photometry: A Text and Handbook for the Advanced Amateur and Professional Astronomer

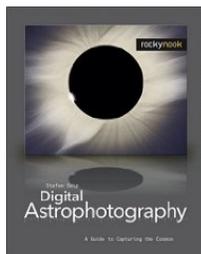
by Arne A. Henden  
CIRC QB 135.H44 1990

### The Cambridge Double Star Atlas

by James Mullaney  
CIRC QB 821.M829 2009

### The Cambridge Star Atlas

by Wil Tirion  
CIRC QB 65.T575



Digital Astrophotography:  
A Guide to Capturing the Cosmos  
by Stefan Sei  
CIRC QB 121.S45  
2008

### An Introduction to Astronomical Photometry

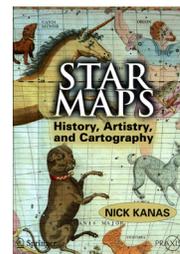
by E. Budding  
CIRC QB 135.B78 2007

### A Practical Guide to Lightcurve Photometry and Analysis

by Brian Warner  
CIRC QB 135.W37 2006

### The Sky is your Laboratory: Advanced Astronomy Projects for Amateurs

by Robert K. Buchheim  
CIRC QB 62.7.B83 2007



Star Maps: A History, Artistry, and Cartography  
by Nick Kanas  
CIRC QB 65.K345 2007

### Stars and Their Spectra: An Introduction to the Spectral Sequence

by James B. Kaler  
CIRC QB871.K33 1997

## Business, Economy, Law, Politics

### 75 Green Businesses You Can Start to Make Money and Make a Difference

by Glenn E. Croston  
CIRC HD 9999.G742 C76 2008

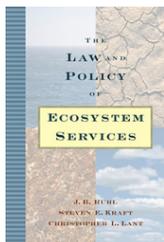
# New Books at the MERI Library - Spring/Summer 2009

**Eco-economy: Building An Economy For The Earth**  
by Lester Russell Brown  
CIRC HC 79.E5 B759 2001

**Green Builders: A Green Revolution Takes Root in the Garden State**  
by NJN Public Television & Radio  
MEDIA NJ.G744d  
<http://njn.net/television/specials/greenbuilders/showvod.html>

**Green to Gold: How Smart Companies Use Environmental Strategy to Innovate, Create Value, and Build Competitive Advantage**  
by Daniel C. Esty  
CIRC HD 30.255 .E88 2006

**A Guide to Safety in Confined Spaces**  
by Ted Pettit  
GOV DOC HE 20.7108:C 76/2  
<http://www.cdc.gov/niosh/pdfs/87-113.pdf>



**The Law And Policy of Ecosystem Services**  
by J. B. Ruhl  
CIRC HC 79.E5 R84 2007

**Smart Green: How to Implement Sustainable Business Practices in Any Industry and Make Money**  
by Jonathan Estes  
CIRC HD 30.255.E84 2009

**State Chamber Business Directory**  
by New Jersey State Chamber of Commerce  
REF HF 295.N5 B78 2004/2005

**True Green @ Work: 100 Ways You Can Make the Environment Your Business**  
by Kim McKay  
CIRC HD 30.255 .M38 2008

## Computer, GIS, Technology

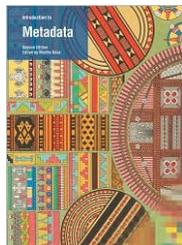
**Decision Support Systems for Risk-Based Management of Contaminated Sites**  
by author please  
CIRC TD 1050.R57 D43 2009

**Designed Maps: A Sourcebook for GIS Users**  
by Cynthia A. Brewer.  
CIRC GA 105.3.B73 2008

**Geographic Information Management in Local Government**  
by Ian Gilfoyle  
CIRC G 70.215.G7 G55 2004

**GIS for Decision Support and Public Policy Making**  
by Christopher Thomas  
CIRC G 70.215.U6 T45 2009

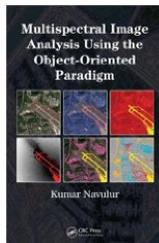
**Image Analysis, Classification and Change Detection in Remote Sensing: With Algorithms for ENVI/IDL**  
by Morton John Canty  
CIRC G 70.4.C36 2007



**Introduction to Metadata**  
by Murtha Baca  
CIRC QA 76.9.D3 I599 2008

**Microsoft Office Access 2007 Inside Out**  
by John Viescas  
CIRC QA 76.9 .D3 V5454 2007

**MODIS, Moderate Resolution Imaging Spectroradiometer: NASA's Earth Observing System**  
by NASA Goddard Space Flight Center  
GOV DOC NAS 1.2:M 72/2  
[http://aqua.nasa.gov/doc/pubs/MODIS\\_brochure.pdf](http://aqua.nasa.gov/doc/pubs/MODIS_brochure.pdf)

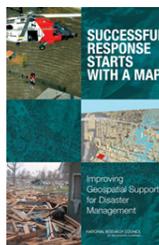


**Multispectral Image Analysis Using the Object-Oriented Paradigm**  
by Kumar Navulur  
CIRC TA 1637.N37 2007

**The Proceedings of the 9th Annual International Digital Government Research Conference: Partnerships for Public Innovation**  
by Digital Government Society of North America  
CIRC JF 1525.A8 I57 2008

**Satellite Monitoring of Inland and Coastal Water Quality: Retrospection, Introspection, Future Directions**  
by R. P. Bukata  
CIRC TD 367.B85 2005

**Stylin' With CSS: A Designer's Guide**  
by Charles Wyke-Smith  
CIRC TK 5105.888.W95 2008

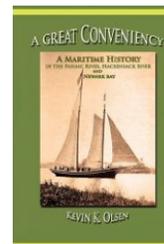


**Successful Response Starts With A Map: Improving Geospatial Support for Disaster Management**  
by Author please  
CIRC G 70.215.U6 N378 2007  
<http://www.nap.edu/books/0309103401/html/index.html>

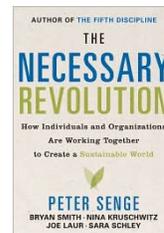
**Using GIS to Demonstrate Successful Floodplain Management**  
by FEMA  
COMP FILE FEM 1.2:G 57/CD

## History, Society, Culture

**From Edison to Eddie: Interesting and Amusing Essays From the Recording Media Veteran, Jerry Ghinelli**  
by Gerald J. Ghinelli  
CIRC HD 9696.V532 G45 2008



**A Great Conveniency : A Maritime History of the Passaic River, Hackensack River, and Newark Bay**  
by Kevin K. Olsen  
CIRC HE 752.N5 O47 2008



**The Necessary Revolution: How Individuals and Organizations are Working Together to Create a Sustainable World**  
by Peter M. Senge  
CIRC HC 79.E5 N436 2008

**Oyster Wars and the Public Trust: Property, Law, and Ecology in New Jersey History**  
by Bonnie J. McCay  
CIRC KF 4627.M33 1998

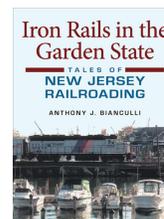
**Snake Hill**  
by Legacy Mountain Films.  
MEDIA LM.S535d

## New Jersey and Regional

**Appropriations Handbook: State of New Jersey, Fiscal Year ...**  
NJ DOC HJ 11.N5442 yr.2007/2008  
<http://www.state.nj.us/treasury/omb/publications/archives.shtml>

**Budget in Brief: Fiscal Year ...**  
NJ DOC HJ 11.N54211 2007/2008  
<http://www.state.nj.us/treasury/omb/publications/archives.shtml>

**Citizens' Guide To The Fiscal 2008 Appropriations Act.**  
NJ DOC HJ 9282.N49 2007  
<http://www.state.nj.us/treasury/omb/publications/08citizensguide/pdf/citguide.pdf>



**Iron Rails in the Garden State: Tales of New Jersey Railroading**  
by Anthony J. Bianculli  
CIRC TF 24.N5 B53 2008

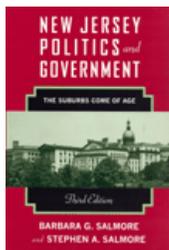
# New Books at the MERI Library - Spring/Summer 2009

**Meadowlands**  
by Joshua Lutz  
CIRC F 142.H35 L85 2008

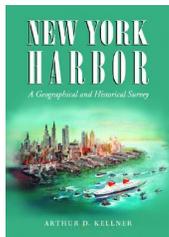
**New Jersey: A History**  
by Thomas J. Fleming  
CIRC F 134.F54 1984

**A New Jersey Anthology**  
by Maxine N. Lurie  
CIRC F 134.5.N48 2002

**New Jersey Municipal Lawsource: Selected Municipal Statutes, Rules, and Regulations**  
by Lisa Stefanoni  
REF KFN 1829.S744 2008



**New Jersey Politics and Government: The Suburbs Come of Age**  
by Barbara G. Salmore  
CIRC JK 3516.S35 2008

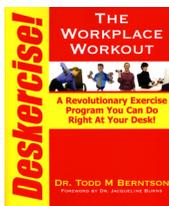


**New York Harbor: A Geographical and Historical Survey**  
by Arthur D. Kellner  
CIRC F 128.63 .K45 2006

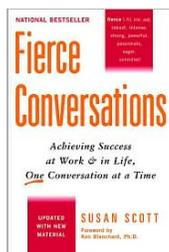
**The Political State of New Jersey**  
CIRC JK 3516.P65 1986

**Passaic and Hackensack Rivers: United States - East Coast, New Jersey**  
by United States, National Ocean Service  
MAP C 55.418/7:12337/990

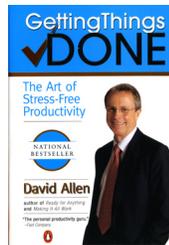
## Personal Development



**Deskercise!: The Workplace Workout: A Revolutionary Exercise Program You Can Do Right at Your Desk!**  
by Todd M. Berntson  
CIRC RA 781.B47 2005

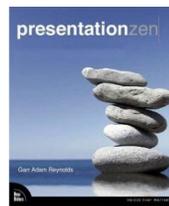


**Fierce Conversations: Achieving Success at Work & in Life, One Conversation at a Time**  
by Susan Scott  
CIRC BJ 2121.S42 2004



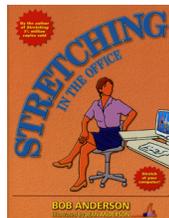
**Getting Things Done: The Art of Stress-Free Productivity**  
by David Allen  
CIRC BF 637.T5 A45 2001

**How to Write and Publish a Scientific Paper**  
by Robert A. Day  
CIRC T 11.D33 2006



**Presentation Zen: Simple Ideas on Presentation Design and Delivery**  
by Garr Reynolds  
CIRC HF 5718.22.R39 2008

**Stretching: 20th Anniversary**  
by Bob Anderson  
CIRC RA 781.63.A527 2000



**Stretching in the Office**  
by Bob Anderson  
CIRC RA 781.63.A533 2002

**A Whole New Mind: Why Right-Brainers Will Rule the Future**  
by Daniel H. Pink  
CIRC BF 408.P49 2006

## Science, Ecology, Environment

**Application of Watershed Ecological Risk Assessment Methods to Watershed Management**  
by U. S. EPA  
GOV DOC EP 11.2:W 38  
[http://oaspub.epa.gov/eims/eimscomm.getfile?p\\_download\\_id=472569](http://oaspub.epa.gov/eims/eimscomm.getfile?p_download_id=472569)

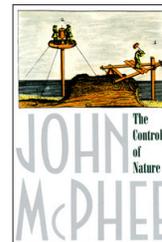
**Biogeochemistry of Wetlands: Science and Applications**  
by K. R. Reddy  
CIRC QH 344.R43 2008

**Biological Monitoring: Theory & Applications: Bioindicators and Biomarkers for Environmental Quality and Human Exposure Assessment**  
by Author Please  
CIRC QH 541.15.M64 B563 2008

**Chromium (VI) Handbook**  
by Author Please  
CIRC TD 196.C53 C49 2005

**Coastal Areas and Marine Resources: The Potential Consequences of Climate Variability and Change**  
by Author Please  
GOV DOC C 55.2:C 63/17  
<http://www.usgcrp.gov/usgcrp/Library/nationalassessment/coastalresourcesbrochure.pdf>

**A Comparative Study of the Chromosomes in Decapods, Isopods and Amphipods, With Some Remarks on Cytotaxonomy and Sex-Determination in the Crustacea**  
by Hidejiro Niiyama  
CIRC QL 435.N559 1959a



**The Control of Nature**  
by John McPhee  
CIRC TD 170.M36 1989

**Environmental Chemistry**  
by Stanley E. Manahan  
CIRC TD 193.M36 2005

**A Field Guide to Coastal Wetland Plants of the Northeastern United States**  
by Ralph W. Tiner  
CIRC QK 118.T56 1987

**Field Studies of New Jersey Geology and Guide to Field Trips: 52nd Annual Meeting of the New York State Geological Association**  
by Author please  
CIRC QE 141.N49 1980

**Garbage: Theme Unit Based on Activities from the Hackensack Meadowlands Development Commission Environment Center**  
by Maria Fleming  
M DOC 1992.024

**Green Remediation: Incorporating Sustainable Environmental Practices Into Remediation of Contaminated Sites**  
by U. S. EPA.  
GOV DOC EP 10.102:G 74  
<http://www.epa.gov/tio/download/remed/green-remediation-primer.pdf>

**Hackensack Meadowlands Air Pollution Study**  
GOV DOC EP 1.2:H 11/4-5  
<http://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=2000MCBP.txt>

**The Handbook of Groundwater Engineering**  
CIRC TC 176.H35 2007

# New Books at the MERI Library - Spring/Summer 2009

**Hurricanes and the Middle Atlantic States**  
by Rick Schwartz  
CIRC QC 944.S39 2007

**Illustrated Companion to Gleason and Cronquist's Manual: Illustrations of the Vascular Plants of Northeastern United States and Adjacent Canada**  
by Noel H. Holmgren  
CIRC QK 117.H65 1998

**An Introduction to Mid-Atlantic Seasonal Pools**  
by Lesley J. Brown  
GOV DOC EP 1.2:M 58/21  
<http://purl.access.gpo.gov/GPO/LPS89319>

**Landfill Gas: An Analysis of Options**  
by Emcon Associates  
CIRC TJ 163.3.E54 1981

**Latest Findings on National Air Quality: Status and Trends**  
GOV DOC EP 4.52:AI 7/5  
<http://purl.access.gpo.gov/GPO/LPS23762>

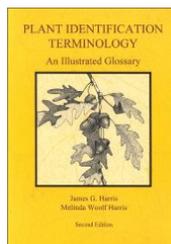
**The Living Planet: A Portrait of the Earth**  
by David Attenborough  
CIRC QH 309.A88 1984

**The Long Island Sound Study: The Comprehensive Conservation and Management Plan**  
CIRC TD 370.L654 1994

**Manual of Vascular Plants of Northeastern United States and Adjacent Canada**  
by Henry A. Gleason  
CIRC QK 117.G49 1991

**Our Changing Planet: the U.S. Climate Change Science Program for Fiscal Years 2004 and 2005.**  
COMP FILE PREX 23.14/2  
<http://purl.access.gpo.gov/GPO/LPS55180>

**Partners Video Magazine**  
by USDA CSREES  
COMP FILE S 541.P37 (no.19 - 21)  
<http://www.csrees.usda.gov/newsroom/partners/partners.html>



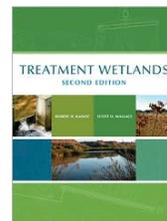
**Plant Identification Terminology: An Illustrated Glossary**  
by James G. Harris  
REF QK 9.H37 2001

**Rare or Endangered Vascular Plants of New Jersey**  
by New Jersey State Museum  
REF QK 86.F37 1973

**Safe Harbor: Bringing People and Science Together to Improve the New York/New Jersey Harbor**  
CIRC TD 427.M4 S24 2008  
[http://www.nyas.org/programs/harbor/Safe\\_harbor.pdf](http://www.nyas.org/programs/harbor/Safe_harbor.pdf)

**Salt Marshes in the Gulf of Maine: Human Impacts, Habitat Restoration, and Long-Term Change Analysis**  
by Peter H. Taylor.  
CIRC QH 104.5.M24 T39 2008  
<http://www.gulfofmaine.org/saltmarsh/>

**Sediment and Contaminant Transport in Surface Waters**  
by Wilbert J. Lick  
CIRC TD 425.L52 2009



**Treatment Wetlands**  
by Robert H. Kadlec  
CIRC TD 755.K33 2008

**U.S. Climate Change Science Program Workshop: Climate Science in Support of Decision Making**  
COMP FILE PREX 23.2/2:D 35/CD  
<http://www.climatechange.gov/workshop2005/finalreport/CCSPworkshop2005report.pdf>

**Wetlands: Kids Discover**  
CIRC QH 87.3.K537 1997

**Wetlands Compensatory Mitigation**  
by U.S. EPA  
GOV DOC EP 2.2:2004025335  
<http://purl.access.gpo.gov/GPO/LPS51066>



**New Jersey Meadowlands Commission Environmental Research Institute**

One DeKorte Park Plaza ☎ Lyndhurst, NJ ☎ 07071  
Phone: 201-460-2808 ☎ Fax: 201-460-2804 ☎ [meri.njmeadowlands.gov](http://meri.njmeadowlands.gov)