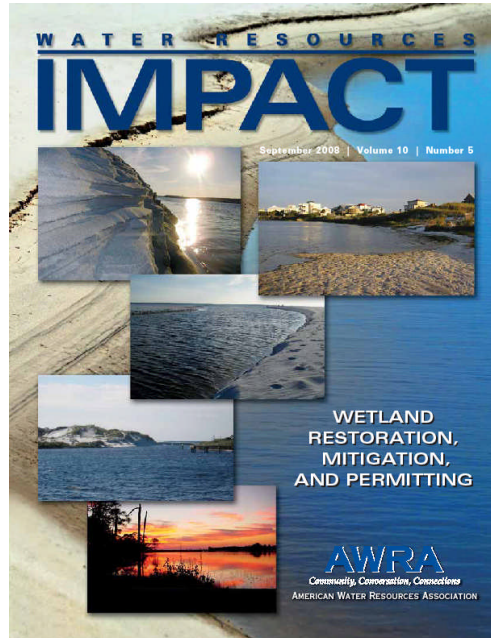


WATER RESOURCES IMPACT

Current Issue Highlights
volume 10 issue 5 september 2008



WETLAND RESTORATION, MITIGATION, AND PERMITTING Associate Editor, Jefferson G. Edgens (jedgens@bpc.edu)

This issue of Water Resources IMPACT explores a variety of concerns involved with efforts to blend land use and wetland protection. The authors explore biological, physical, and administrative aspects of living in a watershed while maintaining the integrity of one of the significant water resources of the basin.

FEATURE ARTICLES

Wetland Mitigation: Which Function? *Kelly Chinniers Reiss*

The author addresses the question of the targets of wetland mitigation and wetland banking activities. The variety of wetland functions on the landscape and of wetland values to society continue to make it difficult to define a single, comprehensive metric for determining mitigation activities.

The Importance of an Interdisciplinary Approach to Restoration in Wetlands and Natural Communities *Jane O. Rowan*

Wetland restoration designs cannot be simple one-step programs. The author explores the multidisciplinary background required when the varied functions and values of wetlands must be recognized and accounted for as restoration plans are developed and carried out.

Balancing Demands for Wetland Hydraulic Residence Time

Richard H. McCuen and Kristin L. Gilroy

This article examines the factors that must be evaluated as the important physical parameter of Hydraulic Residence Time is examined as a part of wetland restoration and mitigation plans.

Wetlands Protection Through Buffer Maintenance on Private Property

Mary Theresa Flynn

While wetland buffer practices are often undertaken at a regional or watershed level, private activities on individual ownerships have the potential for making significant collective protection accomplishments. This article describes the inventory and control practices undertaken to restore and protect a forested wetland buffer by one landowner in Maryland.

The Coastal Dune Lakes of Florida: Trends in Water Quality and Changing Land-Use Practices

Jehangir H. Bhadha and James W. Jawitz

The authors discuss the physical, chemical, and social characteristics of unique coastal wetland lakes in Florida and explore the changes development is bringing about.

Rapanos, State Assumption and Wetland Policy

Jefferson G. Edgens

The author explores some of the consequences of the 2006 Supreme Court consolidated cases *Rapanos v. U.S.* and *Carabell v. U.S.* (known as the “*Rapanos*” decision), and describe state efforts to assume wetland permitting authority in Kentucky and Florida..

SPECIAL COLUMNS

The New Economy of Water ... Spot Water Market Aides California During Severe Drought

Clay J. Landry and Christina J. Steinhoff

What’s Up With Water ... Xerxes, Madame Pele, and Boiling Lobsters

Eric J. Fitch

Legal Issues ... Private Shortage Sharing Agreements – Contractually Avoiding Harsh Legal Consequences

Michelle Henrie and Kyle S. Harwood

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AWRA
Community, Conversation, Connections

4 West Federal St., P.O. Box 1626, Middleburg, VA 20118-1626

Ph: (540) 687-8390 Fax: (540) 687-8395 Email: info@awra.org

www.awra.org