A NEW PARADIGM FOR WATER RESOURCES MANAGEMENT
Joe Berg ~ Guest Associate Editor
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The temporal and spatial context of water resource management in North America has limited our understanding and vision for effective conservation, management and restoration of this important resource. Colonial land clearing practices changed stream valley morphologies from broad, shallow streams moving through highly connected wet landscapes that made efficient use of transported materials. Today, the stream valley morphologies generally appear as narrow, deep channels cutting through drier landscapes overloaded with thick deposits of sediment delivered by alluvial and colluvial processes, a result of forest clearing and agricultural production. Add to this situation the extra energy associated with storm runoff from developed areas, and our streams are eroding and transporting materials while our receiving waters are the dumping grounds for these materials. This issue documents and addresses this situation and identifies 'new' or restored approaches for more appropriate (and cost-effective) water resource management.

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A new perspective on the continuing effects of historic land clearing and land use patterns points to the need for a change in our management of water resources.

5 Implementing Regenerative Storm Conveyance Restoration Techniques in Anne Arundel County: An Innovative Approach to Stormwater Management ... Ilaha Flores, J. Markusic, C. Victoria, R. Bowen, & G. Ellis
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Front Cover ... North Grays Bog Restoration, Anne Arundel County, Maryland, courtesy of Keith Underwood.

**AWRA . . . Community, Conversation, Connections**

September • 2009