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Landfills, Ground Water Quality, and the Future of Waste Management in America Eric J. Fitch11(4):3-6 (2009)
Landowner Innovation and Market Opportunities Are the Best Avenues for Water Conservation: The Lundberg Family Farms Elizabeth Fowler . . . . .	.2(3):16-17 (2000)
Landspreading Hazardous Wastes in the United States Laurel E. Phoenix . . . . .	.11(4):7-10 (2009)
Launching Waterlearn: AWRA's Journal Into E-Learning Lisa Koenig and Richard A. Engberg . . . . .	.4(5):20-23 (2002)
The Legacy of Lewis and Clark Lt. General Robert B. Flowers . . . . .	.4(3):4-6 (2002)
Livestock Manure Management in the American Pacific Islands Carl I. Evensen . . . . .	.11(4):14-17 (2009)
Living Waters: A Jewish Reflection David Patterson . . . . .	.11(6):7-8 (2009)
Long-Term Data Needs for River Corridor Restoration Christine Perala and John L. Gardiner . . . . .	.2(4):20-24 (2000)
Living Shorelines: Restoring Multi-Function Buffers on Coastal Shorelines William G. Reay and Scott Lerberg . . . . .	.10(3):9-11 (2008)
Long-Term Experimental Watersheds and Urban Stormwater Management James P. Heaney . . . . .	.3(6):20-23 (2001)
Long-Term Water Data . . . Wanted? Needed? Available? Charles W. Slaughter . . . . .	.2(4):2-6 (2000)
Long-Term Watershed Research in USDA-Agricultural Research Service Charles W. Slaughter and Clarence W. Richardson . . . . .	.2(4):28-31 (2000)
Looking at Water: A View From Wall Street Debra G. Coy . . . . .	.4(1):14-18 (2002)
Low Impact Development Creating a Storm of Controversy Larry S. Coffman . . . . .	.3(6):7-9 (2001)
Low Impact Development (LID): How Low Impact Is It? Eric W. Strecker . . . . .	.3(6):10-15 (2001)
Low Impact Development: A Site Design Approach to Meet Diverse Water Resources Objectives Larry S. Coffman . . . . .	.1(2):6-7 (1999)
Maintenance Restoration of the South Platte River Bryan W. Kohlenberg and Ben R. Urbonas . . . . .	.1(2):15-18 (1999)
Making a Science Connection: Bringing Smithsonian Science and Environmental Education to Schools Nationwide	

Dottie Klugel and Anna van der Heijden	4(5):6-9 (2002)
Making TMDLs and Watershed Assessments Work for Forestry George Ice and Jami Nettles	1(6):22-26 (1999)
Maintaining Optimum Well Performance Jim Bailey	7(5):18-21 (2005)
Management of a Large-Scale Environmental Database at a Department of Energy Site John Boylan, Mark Wood, and Ian Paton	10(6):14-17 (2008)
Managing the Catastrophic Impacts of Sea Level Rise in Hawaii Jason K. Levy	11(1):18-22 (2009)
Managing Climate Change Impacts on Water Resources (Introduction) C. Mark Dunning, J. Rolf Olsen, and Gerald Sehlke	13(1):3-4 (2011)
Managing the International BMP Database Renee Fitsik, Marcus Quigley, Eric Strecker, Jon Jones, Jane Clary, and John OBrien	10(6):22-24 (2008)
Managing One Water Benjamin H. Grumbles	13(3):25-27 (2011)
Managing Stormwater Through Citizen Involvement Restoration Practices: Watershed Level Planning in Lexington, Kentucky David W. Swenk and H. David Gabbard	2(2):19-22 (2000)
Maryland Water Monitoring Council Emery T. Cleaves	1(3):9-10 (1999)
The Meaning of Hydrophilanthropy David K. Kraemer	12(5):3-5 (2010)
Measuring Performance: Overview Faye Anderson	7(4):3 (2005)
Measuring Success of the SWAP Program Laurel Elena Phoenix	2(1):8-10 (2000)
Measuring Success in Watershed Management: Applications to Central Europe John Powell	2(1):11-15 (2000)
Meeting the Educational Challenge of Watershed Professionals Kerry L. Wedel	1(4):7-9 (1999)
Mesa Verde Reservoirs: Ten Years of Paleohydrology T. Andrew Earles	7(3):9-15 (2005)
Milestones in Water Resources Reclamation Brit A. Storey	3(5):19-24 (2001)
Mobilizing the Private Sector to Serve the Urban Poor Penelope J. Brook	4(1):9-13 (2002)
Models and Software for Supporting Ecologically Sustainable Water Management John T. Hickey	9(4):10-14 (2007)
Monitoring Design Anthony R. Olsen and Dale M. Robertson	5(5):14-16 (2003)
Monitoring Extreme Environments: Arctic Hydrology in Transition Douglas L. Kane and Larry Hinzman	6(1):24-27 (2004)

MSU-WATER (Watershed Action Through Education and Research) Scott G. Witter, Ruth Kline-Robach, Fred Posten, and Michael J. Lang . . . . .	.2(6):19-22 (2000)
MTBE: The Water-Polluting Genie EPA Knowingly Let Out of the Bottle Tom Randall . . . . .	.2(6):3-4 (2000)
Multiobjective Planning Ronald D. Flanagan . . . . .	.6(5):17-18 (2004)
Multipurpose Facilities Are Improved Through Multidisciplinary Input Melissa J. Figurski, Larry A. Roesner, and T. Andrew Earles . . . . .	.6(5):13-16 (2004)
Multipurpose Water Resource Planning and Design: Introduction Jonathan E. Jones . . . . .	.6(5):4 (2004)
The National Atmospheric Deposition Program: A Long-Term Monitoring Program in Support of Research on Effects of Atmospheric Chemical Deposition Van C. Bowersox . . . . .	.2(4):33-36 (2000)
National Hydrography Dataset-Based Modeling of Stream Habitat Fragmentation and Steelhead Distribution in California Adromous Watersheds Martina Koller, Connie Shannon, Tom Christy, Robin Carlson, Eric Haney, and Stan Allen . . . . .	.10(1):10-12 (2008)
The National Hydrography Dataset: Introduction Jeff Simley . . . . .	.8(2):4 (2006)
Navigating Water Infrastructure Finance From Sleepy Backwater to Raging Current Douglas A. Praw and Julie Hoffman . . . . .	.12(3):4-7 (2010)
NHD: RiverSpill, and the Development of the Incident Command tool for Drinking Water Protection William B. Samuels, Rakesh Bahadur, Michael C. Monteith, David E. Amstutz, Jonathan M. Pickus, Katherine Parker, and Douglas Ryan . . . . .	.8(2):15-18 (2006)
A National Look at Water Quality Robert J. Gilliom, David K. Mueller, John S. Zogorski, and Sarah J. Ryker . . . . .	.4(4):12-16 (2002)
NOAA Climate Forecast Products for Water Resources Application Mel Gelman, Fiona Horsfall, Huug van den Dool, and Pedro Restrepo . . . . .	.6(4):4-6 (2004)
National Water Quality Monitoring Council Charles Spooner and John M. Klein . . . . .	.1(3):7-8 (1999)
Native American Water Rights Tod J. Smith . . . . .	.5(2):16-18 (2003)
A Need to Certify Watershed Managers Scott G. Witter, Stephen R. Pennington, and Ruth Kline-Robach . . . . .	.1(4):17-19 (1999)
The Need for Integrated Energy and Water Modeling to Support Sustainable Resource Planning Vince Tidwell, Mike Hightower, and Geoff Klise . . . . .	.14(1):4-8 (2012)
Negotiating Transitions in Water Rights Ruth S. Meizen-Dick and Bryan Randolph Bruns . . . . .	.5(2):22-24 (2003)
Network-Based Analysis of Freshwater Ecosystems Using the FloWS Tools David M. Theobald and John B. Norman . . . . .	.10(1):14-16 (2008)
A New Approach to Integrating a Superfund 'Megasite' Cleanup Into Management of the Coeur d'Alene River Basin Kathryn Johnson, Roger Mayes, and Paul Wichlacz . . . . .	.6(3):22-25 (2004)

- A New Approach to Reducing the Vulnerability of Water Supplies to Climate Change in the U.S.-Mexico Border Area
William A. Nitz 8(5):22-24 (2006)
- New Approaches to Implementing Soil Erosion and Water Quality Controls on Construction Sites – A New Jersey Perspective
John E. Showler 1(2):10-14 (1999)
- New Directions in the Development of the Watershed Toolkit: Better Science Makes Better Policy
Jefferson G. Edgens 2(6):2 (2000)
- The New Economy of Water: Overview
Clay J. Landry 4(1):2-3 (2002)
- New Technologies for Securing Water Safety: Research at Sandia National Laboratories
Ray Finley, Sean McKenna, Howard Passel, and Jeffrey J. Danneels 8(1):22-24 (2006)
- The New York City Watershed Agreement
Rick Hoffman, Esq. 1(5):2-4 (1999)
- The New York City Watershed Agricultural Program (WAP): A Model for Comprehensive Planning for Water Quality and Agricultural Economic Viability
M. Todd Walter and Michael F. Walter 1(5):5-8 (1999)
- The New Watershed Tools: Genuine Steel or Chrome-Plated Plastic?
Richard A. Helpern 2(6):23-26 (2000)
- The New Well at Ruma: Water Management in Islam
Naser Faruqi 13(5):9-11 (2011)
- 1993 Upper Mississippi Flood: A Personal Look Back and a Look Forward at Preparations for the Next Major Flood
Robert R. Holmes, Jr. 9(6):8-11 (2007)
- Nitrogen Loading to Coastal Embayments: Implications for Land Use Planning in the Delaware Inland Bays Watersheds
Samantha Woods, Mark Nelson, and Peter Thibodeau 2(2):12-18 (2000)
- No One Eats the Fish Anymore: Tribal Reclamation of the Silver Valley, Idaho
Theodore N. Fortier 14(2):10-12 (2012)
- Not “Distant” But Connected: Experiences With International Environmental Distance Learning
Jane Dougan 4(5):10-13 (2002)
- One Educator’s Experience With Distance Instruction in Hydrology and Water Resources
Glenn E. Moglen 12(6):10-12 (2010)
- Optimal Water Allocation in Hawaii: Towards a Revised Water Code and a Revamped Water Commission
Chennat Gopalakrishnan and Jason K. Levy 7(2):16-19 (2005)
- Oregon’s Municipalities Can Take the Time They Need to Grow
Michelle Henrie 7(6):12-14 (2005)
- Origins of Quantitative Hydrology: Pierre Perrault, Edme Mariotte, and Edmond Halley
Jason A. Hubbart 13(6):15-17 (2011)
- Overcoming Technical Barriers to Measuring the Performance of Watershed Programs
Clayton W. Ogg 7(4):13-16 (2005)

Paleohydrology: Introduction Kenneth R. Wright	7(3):3 (2005)
Panama Canal Watershed Experiment: Agua Salud Project Robert F. Stallard, Fred L. Ogden, Helmut Elsenbeer, and Jefferson Hall	12(4):17-20 (2010)
Pathogens in Natural and Engineered Water Systems: Emerging Issues Valerie J. Harwood, Joseph O. Falkinham III, and Hua Shen	9(3):11-14 (2007)
Performance Management at the Local Level: The Case of the Charles River Shelly H. Metzenbaum	7(4):8-12 (2005)
A Personal Trip on the Certification Trail Richard C. Albert	1(4):14-16 (1999)
Pervasive Permitting: the EPA's Proposed TMDL Rules Ebere Akobundu and David W. Riggs	2(3):4-6 (2000)
Pestering Plants in the Everglades: Insects and Control of Invasive Species Shauna Ray Ellen, Charles Padera, and John Miller	9(2):4-7 (2007)
A Pharaoh's Plan for Water Management Gregory B. Baecher	3(5):3-7 (2001)
Pharmaceuticals and Personal Care products in Biosolids Sara C. Monteiro and Alistair B.A. Boxall	11(4):11-13 (2009)
Pipeline Design and Construction in Sensitive Settings Tom Hopper	14(3):10-11 (2012)
Planning for Climate Change in the Inland Empire: Southern California David G. Groves, Martha Davis, Robert Wilkinson, and Robert Lempert	10(4):14-17 (2008)
The Politics and Economics of Water Pricing in Developing Countries Mark W. Rosegrant and Sarah Cline	4(1):6-8 (2002)
Pollutant Removal Efficiency of an Urban Stormwater Wetland in Lansing Township, Michigan Ellyn J. Campbell, Karen Wayland, Kathleen Pelikan, Erich P. Ditschman, and Patrick E. Lindemann	3(1):7-9 (2001)
Post-Eruption Hydrology and Sediment Transport in Volcanic River Systems Jon J. Major	5(3):10-15 (2003)
Potable Water for Isolated Communities: An Environmental Justice Imperative for Puerto Rico Carl-Axel P. Soderberg	12(4):9-10 (2010)
Potential Impacts of COMM 83 on Rural Ground Water Jeanette M. Jaskula and Warren A. Hohn	4(2):10-16 (2002)
Potential Liability for Good Samaritans Cleaning Up Abandoned Hardrock Mines Peter Butler	9(5):14-15 (2007)
Prehistoric Inca Highway Drainage Engineering David W. Foss	7(3):22-25 (2005)
Preliminary Reconstruction of a Pre-European Settlement Valley Bottom Wetland, Southeastern Pennsylvania Mark Voli, Dorothy Merritts, Robert Walter, Erik Ohlson, Katherine Datin, Michael Rahnis, Laura Kratz, Wanlin Deng, William Hilgartner, and Jeffery Hartranft	11(5):11-13 (2009)
Presenting Urban Stormwater BMP Performance Data to a Broad Audience John Kosco and Nikos Singelis	10(6):25-27 (2008)

Probability Analysis and the Search for Hydrologic Order in the United States, 1885-1945 Martin A. Reuss	4(3):7-15 (2002)
Producing Algae-Based Biofuels From Wastewater Paul Laur and Enid J. Sullivan	14(1):15-16 (2012)
The Professional Hydrologists Certification Program Gerald E. Seaburn	1(4):4-6 (1999)
Project Evaluation Thomas E. Davenport	2(1):4-7 (2000)
Protecting Our Receiving Waters With BMPs Ben R. Urbonas	3(6):3-6 (2001)
Protection of New York City's Water Supply Through Land Acquisition and Stewardship Dave Tobias	1(5):9-15 (1999)
Pure As Rain: The Regulation of Storm Water in Michigan Fred E. Cowles	3(1):5-6 (2001)
Putting the People in Watershed Management Peter E. Black	1(1):5-6(1999)
Rapanos , State Assumption and Wetland Policy Jefferson G. Edgens	10(5):19-21 (2008)
A Reasonable Use Approach to Allocating Water for Consumptive Use in the Southeast Barbara H. Gallo	9(2):12-14 (2007)
Recent Discoveries and New Interpretations of Hawaiian Ground Water Systems Jené Michaud	7(2):10-12 (2005)
Recharging Southwestern Water Supplies and Habitat Aimée Conroy and Tom Poulson	6(5):5-8 (2004)
Reconciling National Water Resources Policy Through Dialogue Richard A. Engberg	8(6):5-7 (2006)
Report of the First <i>ad hoc</i> Session on "Current Water Resource Issues in the News" Peter E. Black	2(2):4-8 (2000)
A Report From Lake Tahoe: Observation From an Ideal Platform for Adaptive Management Dennis D. Murphy and Patricia N. Manley	11(3):15-17 (2009)
Research Needs for Sustainable Water Resources Management Paul Freedman, Peter Adriaens, and Robert A. Goldstein	8(4):25-27 (2006)
Resources and Conditions R. Warran Flint	8(4):19-21 (2006)
Responses to Climate Prediction: Overview J. Rolf Olsen	6(4):3 (2004)
Restorative Urban Design Bruce K. Ferguson	6(5):9-12 (2004)
Retrofit of an Extended Detention Basin in Denver, Colorado Matthew J. Gavin and John T. Doerfer	3(6):28-31 (2001)
Return on Investment From New GIS Technologies for Water Resources Engineering, Science,	

and Planning Jack Hampson, Stephen Bourne, and thomas Singleton	12(1):13-15 (2010)
Revisiting Forest Road Retirement Randy Kolka and Mathew Smidt	3(3):15-18 (2001)
Rio Grande/Rio Bravo – A River of Change Vincent C. Tidwell, Ari M. Michelsen, Javier Aparicio, and Howard D. Passell	6(3):14-17 (2004)
Riparian Ecosystem Consequences of Water Redistribution Along the Colorado Front Range John D. Wiener, Kathleen A. Dwire, Susan K. Skagen, Robert R. Crifasi, and David Yates	10(3):18-21 (2008)
Riparian Ecosystems and Buffers: Working at the Water's Edge Albert H. Todd	10(3):3-5 (2008)
Riparian Zones: They Aren't Just for Buffers Any More Mark P. Smith, Roy Schiff, and Jeff Opperman	10(3):6-8 (2008)
The Rising Tide of Water Markets Clay J. Landry	4(1):26-29 (2002)
River Basin Planning: Title II River Basin Commissions Millard W. Hall	4(3):23-26 (2002)
The Role of Consultants in Planning for Uncertainty and Change in Urban Stormwater Management Heather C. Wilson	2(2):9-11 (2000)
The Role of the Federal Government in the 21st Century: Time for a Clearly Defined and Constructive National Role: Opinion-Editorial Denise D. Fort	7(1):23-24 (2005)
Role of Technology in the Future of Water Resources: Remote Sensing Developments Carolyn J. Merry	2(5):13-14 (2000)
The Role of the U.S. Environmental Protection Agency in Protecting America's Drinking Water Supply Regan Murray and Steve Allgeier	8(1):15-17 (2006)
Runoff Volume Reduction: A Perspective From Springfield and Greene County, Missouri Tim Smith and Todd Wagner	12(2):13-16
Rural Municipal Water Supply Problems: How Do Rural Governments Cope? Laurel E. Phoenix	4(2):20-26 (2002)
Salmon Habitat Conservation in the Columbia River Basin: Using GIS to Predict River Floodplain and Lateral Channel Migration Jason E. Hall, Damon M. Holzer, and Timothy J. Beechie	10(1):20-22 (2008)
Sand Seepage Wetlands: A Key to Improving Water Quality and Species Recovery Keith Underwood	11(5):8-10 (2009)
Savannah River, Georgia: Science to Support Adaptive Implementation of Environmental Flows to a Large Coastal River, Floodplain, and Estuary Amanda Wroma Meadows, Darold Butzer, Merryl Aber, and Rebeca E. Sharitz	9(4):21-24 (2007)
Save Money, Save Lives: How GIS Has Made the Identification of Flood Risks Easier, Faster, More Accurate, and Cheaper John S. Grounds, Jr. and Brandon T. Grimm	12(1):11-12 (2010)
Scenario Based Assessment of Sea Level Rise Impacts: A Method for Planning Under Uncertain Conditions Kris Esterson	11(1):15-17 (2009)

Science Drives Albuquerque's Shift to Sustainable Supplies John M. Stomp III and Michael J. Bitner	10(2):8-10 (2008)
Sea Level Rise: An Increasing Risk to California Water Projects Maurice Roos	11(1):6-9 (2009)
Sea Level Rise: Concerns for Coastal Management of Land and Freshwater Resources – An Overview Eric J. Fitch	11(1):4-5 (2009)
In Search of a National Water Policy – The AWRA Dialogues Gerald R. Galloway and Richard A. Engberg	7(1):4-6 (2005)
Securing Our Maritime Transportation System for the Future Malcolm Williams	8(1):11-14 (2006)
Selecting Sustainability Indicators John R. Wells	8(4):11-14 (2006)
Sensitivity Analysis as a Guide for Assessing and Managing the Impacts of Climate Change on Water Resources Thomas Johnson and John Kittle, Jr.	8(5):15-17 (2006)
Sensitivity of BMP System Designs to the Sustainability Objectives Defined by Predevelopment Conditions Richard H. McCuen and Allen P. Davis	12(2):3-4
Setting a Direction on a Changed Environment: Water Policy Must Be Focused on Sustainability Denise D. Fort	8(6):8-9 (2006)
Severe Storms and Sea Level Rise in New York City Vivien Gornitz and Cynthia Rosenzweig	11(1):10-14 (2009)
Sewer Overflows in Milwaukee: What is the Real Problem and How Do We Solve It? Kevin L. Shafer	7(5):13-15 (2005)
Should Watershed Management Professionals Be Certified? Erich P. Ditschman	1(4):2-3 (1999)
Slow Motion Disaster: The Big Picture of Converging Effects of Climate Change, Sea Level Rise, and Fossil Fuel Depletion on the Viability of Human Habitat of Oceania and the Coastal Margin of the Pacific Rim Eric J. Fitch	13(2):13-16 (2011)
Small Municipalities and Water Supply: Introduction Laurel E. Phoenix	4(2):2-3 (2002)
Snow Avalanches Jürg Schweizer	6(1):12-18 (2004)
The Social Context of Volunteer Environmental Monitoring Linda P. Wagenet and Max J. Pfeffer	9(5):6-8 (2007)
Social Foundations of Water Management: Introduction Eric Fitch	5(6):3-4 (2003)
Social Forces Affecting Hydrologic Research: 1870-1938 Richard H. McCuen	6(2):18-20 (2004)
Social Mental Models in Water Resources Management Jason Levy, Keith W. Hipel, and Chennat Gopalakrishan	5(6):14-17 (2003)
Social Resilience and the Tokai (Nagoya, Japan) Flood of September 11-12, 2000 Michinoro Hatayama, Jason K. Levy, Yoshio Kajitani, Jens Hartmann, Hirokazu Tatano, and Norio Okada	5(6):18-20 (2003)

Socio-Economic and Biophysical Challenges to Achieving Clean Water Through TMDLs: Two Texas Examples Keith O. Keplinger and Ron Jones	1(6):12-18 (1999)
Source Water Assessment Implementation Obstacles: Are Transient Noncommunity Wells Not As Important? Jay Y. Hodgson	4(2):17-19 (2002)
The South River, Legacy Sediments, and the Future of the Resource Erik Michelsen	11(5):3-4 (2009)
Stakeholder Participation in Watershed Management – Part I Linda P. Wagenet and Max J. Pfeffer	5(6):8-10 (2003)
Stakeholder Participation in Watershed Management – Part II Linda P. Wagenet and Max J. Pfeffer	5(6):11-13 (2003)
State of the Great Lakes Coast: Fragmented Government Equals Fragmented Protection Dave Dempsey	6(6):10-12 (2004)
Stormwater Best Management Practices (BMPs) in Southern California G. Struble and T.V. Hromadka II	1(2):8-9 (1999)
Stormwater Management Challenges in Anchorage William Rice and Brett Jokela	6(1):19-22 (2004)
Stormwater Regulation and Nonpoint Source Policy – Complimentary or Contradictory: Introduction Erich P. Ditschman	3(1):3-4 (2001)
Stormwater Strategies: Community Responses to Urban Runoff Pollution George Aponte Clarke	3(1):10-14 (2001)
Stream Restoration Can Improve Water Quality But Is Far From Being The Silver Bullet Solution Solange Filoso and Margaret Palmer	11(5):17-18 (2009)
Streamlined Stormwater Permitting Strategies for Pipeine Construction Andrew Earles, Jennifer Keyes, and Darren Mollendor	14(3):12-14 (2012)
Striving for Collaborative Science and Communication Through the Consortium for Research and Education on Emerging Contaminants (CREEC) Juliane B. Brown and William A. Battaglin	9(3):22-24 (2007)
Student Action to Bring Water to People Katie Mann and Arica Crotoft	12(5):11-13 (2010)
Success Through Failure: Army Science in Harbor Constructions – 1820-1860 Todd Shallat	5(1): 5-8 (2003)
Support for Indian Rural Water Systems Runs Dry Christina Steinhoff	10(2):5-7 (2008)
Supporting Water Supply and Distribution: Closing the “Needs Gap” The Honorable Martin J. Chávez	10(2):14-16 (2008)
Sustainable Water Resources Technologies for a Changing Climate Rafael E. Frias III and Peter D. Binney	12(4):3-5 (2010)
The Sustainable Waters Program Nicole Silk	9(4):3 (2007)
Sustainability and How Water Providers Can Achieve It Peter D. Binney	12(4):6-8 (2010)

Sustainable Water Resources Management in Hawaii: Introduction Jason K. Levy . . . . .	.7(2):3 (2005)
A Synopsis of Riparian Forest Buffer Restoration Efforts Judith A. Okay and David Wise	10(3):15-17 (2008)
Taking TMDLs Out of the Ivory Tower John Barrett	1(6):33-35 (1999)
Taking Water Quality to the Market Rachel Cardone	4(6):8-11 (2002)
Tapping the Public Spirit: Time for a National Recommitment to Safe, Clean Water Wenonah Hauter	7(5):7-9 (2005)
Technical Tools to Aid in Conjunctive Management of Surface and Ground Water in the Snake River Basin Donna M. Cosgrove and Gary S. Johnson	6(3):5-9 (2004)
Terrain Characteristics as a Function of ArcGIS Terrain Dataset Generalization Dean Djokic, Thomas A. Evans, and Amit Sinha	10(1):36-39 (2008)
The 3 C's: Communicate, Coordinate, Collaborate – Doing Together What We Can't Do Alone Abby Markowitz, Linda T. Green, and James Laine	5(5):8-10 (2003)
Through the Pipe: Down the Creek! Edwin E. Herricks	3(6):24-26 (2001)
Tillage Methods for Conserving Soil Water: Then and Now Paul W. Unger	13(6):12-14 (2011)
TMDL: EPA Muddles the Nation's Waters Bonner R. Cohen	2(6):9-10 (2000)
TMDLs, Agriculture, and EPA's Flawed Science Jefferson G. Edgens	1(6):30-32 (1999)
TMDLs and Non-Point Source Problems in Rural Watersheds: Introduction Charles W. Slaughter	1(6):2 (1999)
Towards a Water Secure Future: The Role of USAID in Water Resources Management Meg Findley, Morris Israel, and Christopher Scott	3(4):12-19 (2001)
The 2002 Farm Bill as a Water Resources Management Failure Christopher L. Lant	5(1):22-24 (2003)
Understanding the Ahupua a Model – Part I: Introduction and Overview Jason K. Levy and Joseph Chernisky	7(2):20-22 (2005)
Understanding the Ahupua a Model – Part II: Application to Community Based Education and Resource Management in Hawaii Jason K. Levy and Joseph Chernisky	7(2):23-26 (2005)
Understanding Climate Change and Water Resources: How Far Have We Come in the Last 10 Years? Where Do We Go From Here? Michael R. Lilly	11(2):4 (2009)
Understanding the International Water Management Arena: A Newcomer's Guide to the Major Players Faye Anderson	3(4):32-38 (2001)

The United Nations Environmental Programme Global Environment Monitoring System/Water Programme Andrew S. Fraser, Richard D. Robarts, and Kelly M. Hodgson	3(2):26-28 (2001)
U.S. Bureau of Reclamation Is a World Leader in Hydropower Michael Roluti	9(1):14-15 (2007)
The Upper Neuse Watershed Evaluation Tool: Putting the Power of the NHD to Work in Local Watersheds Silvia E. Terziotti, Mary J. Giorgino, and Christopher L. Dreps	8(2):19-24 (2006)
The Use of Collaborative Modeling in Decision Making for IWRM Guillermo F. Mendoza and Hal E. Cardwell	13(3):17-20 (2011)
Use of Environmental Management Systems to Operate Sustainable Water Resource Adaptive Management Matthew McMillen and Mark F. Colosimo	8(3):18-20 (2006)
Use of Water Markets to Operate Sustainable Water Resources: Benefits and Challenges Marc O. Ribaudo and Mark F. Colosimo	8(3):24-26 (2006)
Using the NHD to Create an Arc Hydro Network for the St. Johns River Water Management District Sandra Fox, David Clapp, and Alsa Ceric	8(2):25-30 (2006)
Using the NHD as a Tool for Fisheries GIS Data Evaluation and Management Lidia Szabo Kraft and Christine A. Geddes	8(2):8-11 (2006)
Utilization of the NHD in the U.S. Forest Service Brian Sanborn and Greg Enstrom	8(2):12-14 (2006)
Validity and Applications of Citizen Volunteer Water-Quality Data: A Case From Alabama William Deutsch, Eric Reutebuch, and Sergio Ruiz-Cordova	9(5):16-20 (2007)
Valuation of GIS for Water Resources (Introduction) Susan Fox and Ari M. Michelsen	12(1):3-4 (2010)
The Value of Long-Term Streamflow Records J. Michael Norris	2(4):11-14 (2000)
Warmer Winters and Warmer Nights: A Mixed Blessing Ed Berg	11(2):6-7 (2009)
Wastewater Control in the NYC Watersheds Ted Simroe	1(5):16-18 (1999)
Water and Eco-Spirituality Albert J. Fritsch	11(6):9-10 (2009)
Water and Spirituality Eric J. Fitch	11(6):3-4 (2009)
Water Chemistry in a Nutrient and Sediment Control System Near Owaso, New York Stephen C. Komor	1(6):19-21 (1999)
Water Development in the West Zachary A. Smith	6(2):10-13 (2004)
Water Dependency of Energy Production and Power Generation Systems Tamim Younos	14(1):9-12 (2012)
Water/Energy/Food Nexus: Sustaining Agricultural Protection	

Jay Lazarus	12(3):12-14 (2010)
Water: From a Public Resource to a Market Commodity Terry L. Anderson	4(1):4-5 (2002)
Water As a Growth Tool: Introduction Michelle Henrie	7(6):4 (2005)
Water Infrastructure: Coming Home to Roost – Introduction Michelle Henrie	10(2):4 (2008)
Water Law in Vermont: Challenges of a Riparian Surface Water System and Unregulated Ground Water Julia Horrocks and Justin Park	9(2):8-11 (2007)
Water Management Challenges in the Rio Villalabos and Lake Amatitlan Watershed, Guatemala Charles W. Slaughter, Amy Haak, Yenory Morales, L. Roy Mink, and Luts Merida	6(1):28-31 (2004)
Water Marketing: The Other Side of the Coin (Point) S. Ansley Samson and Sydney T. Bacchus	2(6):15-16 (2000)
Water Markets: The Global Perspective K. William Easter and Sandra Archibald	4(1):23-25 (2002)
Water Markets in Europe David Zetland	13(5):15-18 (2011)
Water Markets in the USA Matthew T. Payne and Skye Root	13(5):6-8 (2011)
Water: One Resource, Many Uses Lisa T. Morales and Larry J. Prather	9(4):4-5 (2007)
Water Policy: Present and Future: Introduction Faye Anderson and Richard A. Engberg	8(6):4 (2006)
Water Quality Data Management Karen S. Klima, Kenneth J. Lanfear, and Ellen McCarron	5(5):22-24 (2003)
Water Quality Monitoring Councils: Monitoring Coordination in the 21st Century: Foreword Robert C. Ward	1(3):2 (1999)
Water Quality Monitoring Requirements for TMDL Development in the Western U.S. David K. Stevens, Upmanu Lall, John D. Stednick, Robert Ward, Alan McKay, and John Tracy	1(6):27-29 (1999)
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