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Coal Age

FEATURE ARTICLES

- 26 Reducing Roof Fall Accidents on Retreat Mining Sections
Developing and following a mining plan, and using equipment properly could reduce miner exposure to ground falls.
- 32 Spiral Concentrators Recover Fine Coal
Compound spirals offer better performance in a more efficient configuration.
- 36 Good Seal Construction and Ventilation Controls Improve Airflow
- 39 Age Discrimination Protection is Not Limited to Seniors

COAL IN THE NEWS

- 8 International Coal Group goes public
- 8 American Coal lays off 170 from Millennium Portal
- 9 Foundation posts great third quarter numbers
- 12 Peabody Energy launches ad campaign for coal
- 16 Arch Coal updates status of West Elk mine
- 17 Coal boost to W.Va. budget leveling off
- 18 First Energy & Powerspan announce plans to test technology for power plants
- 20 OSM stopped from further probe of Mettiki permit
- 21 Miners have higher rate of alcohol problems
- 22 King Coal begins mining operations

WORLD NEWS

- 9 Chinese coal mine explosion kills 171
Siding upgrade puts South Africa's Mashala on track
RPG sells stake in Czech coal producer to Americans
- 12 Australians finalize Missing Link project
Kumba considers venture with Botswana's Magaleng
Poles form coal and coke group

SPIRALS / 32



OPERATING IDEAS / 36



THIS ISSUE

DEPARTMENTS

- 6 Editorial
- 8 Coal in the News
- 9 World News
- 18 Awards
- 19 People
- 23 Calendar
- 36 Operating Ideas
- 39 Labor Trends
- 41 Product News
- 45 Classified
- 48 Legally Speaking

Coal Age

FEATURE ARTICLES

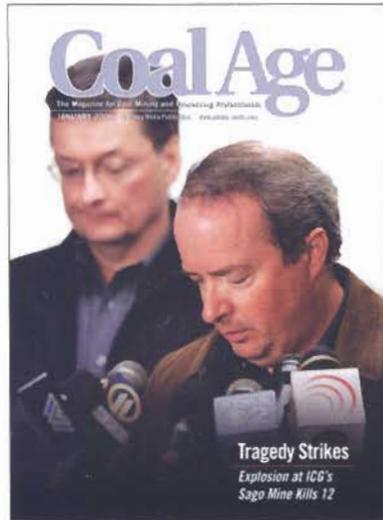
- 20 Prospects for Utah Look Good
The region enjoys its first boom in over a generation.
- 26 Coal Market Momentum Converts Skeptics
Tight supplies, soaring natural gas prices and an improving economy bode well for coal.
- 30 Fire Suppression & Detection Equipment
Inspections and testing guidelines go beyond the "Code of Federal Regulations."
- 37 Digital Dets Help Offset Rising Ammonium Nitrate Costs
- 38 Timely tools for On-Site Belt Repairs

COAL IN THE NEWS

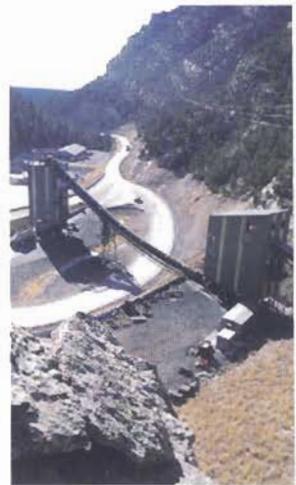
- 4 A dozen miners perish in W.Va. mine explosion
- 5 Alliance increases IB coal sales
- 6 Victory leads to accountability for negligent inspections
- 10 FutureGen Industrial and DoE enter into agreement to develop first zero-emissions coal-fueled power plant
- 11 Peabody Energy closes Seneca mine
- 12 Kentucky moves to test coal miners for drugs
- 13 Fatalities drop to lowest levels in 2005
- 16 Overweight coal truck citations jump

WORLD NEWS

- 5 Xstrata considers reopening underground mine in Nova Scotia
China closes more than 2,400 mines
Siberia's Kuzbass Basin sets coal mining record
- 6 The world's coal reserves stand at 204 years; oil has 41 years
Queensland coal record
- 12 Indian government plans "ultra-mega" power projects
Indonesia considers liquefied coal in the future
- 16 DBT sets record with major orders from China



UTAH MINING / 20



THIS ISSUE

In addition to the Annual Forecast and other feature articles, Coal Age covers the Sago mine tragedy. The cover photo shows International Coal Group CEO Ben Hatfield (foreground) and VP of Operations, Gene Kitts, just after they delivered the news that the Sago miners were dead.

DEPARTMENTS

- 2 Editorial
- 4 Coal in the News
- 5 World News
- 8 People
- 10 Awards
- 14 Calendar
- 37 Operating Ideas
- 40 Product News
- 45 Classified
- 48 Legally Speaking

DL 800 271 2200
271 2200
05/12/05

COVER STORY

► Technology

24 Homebuilders are adapting to a hot, fast-changing housing market with consolidation and supply-chain integration. But they are also pouring increasing resources into fabrication and scheduling technology to build faster, better and cheaper.

Cover photo by Tom Sawyer for ENR; photo right courtesy of Pulte Homes



SPECIAL FEATURE

THE TOP 25 NEWSMAKERS 2005

42 In recognition of those who serve the best interest of the construction industry, ENR editors have chosen 25 individuals for their innovations and achievements featured in the magazine in 2005.

NEWS

► Transportation

- 15 Failures:** Truck impact considered possible cause of overpass collapse
- 16 Bridges:** Pedestrian structure in Paris takes design to new levels
- 17 Costs:** New Jersey causeway bid comes in way over estimate

► Buildings

16 Claims: No longer showing in Vegas: Bovis versus the Venetian

► Power & Industrial

- 17 Companies:** Powerplant builder Calpine weighs future in bankruptcy
- 18 Wind Energy:** New device cushions unstable generation outputs

► Business & Economics

- 12 Reconstruction:** Tsunami survivors still dealing with poor conditions
- 13 Acquisitions:** Kajima outbids AECOM for Austin



Tsunami Recovery.
Page 12

14 Education:

Tulane engineering cuts weigh on alumni and community

- 15 Structures:** OSHA issues warning on houses with balloon-frame walls

DEPARTMENTS

- 7** Calendar
- 9** Construction Week
- 11** Washington Observer
- 19** People
- 21** Construction Economics
- 28** Products
- 31** Pulse
- 38** Official Proposals (cont. on pp. 39-40)

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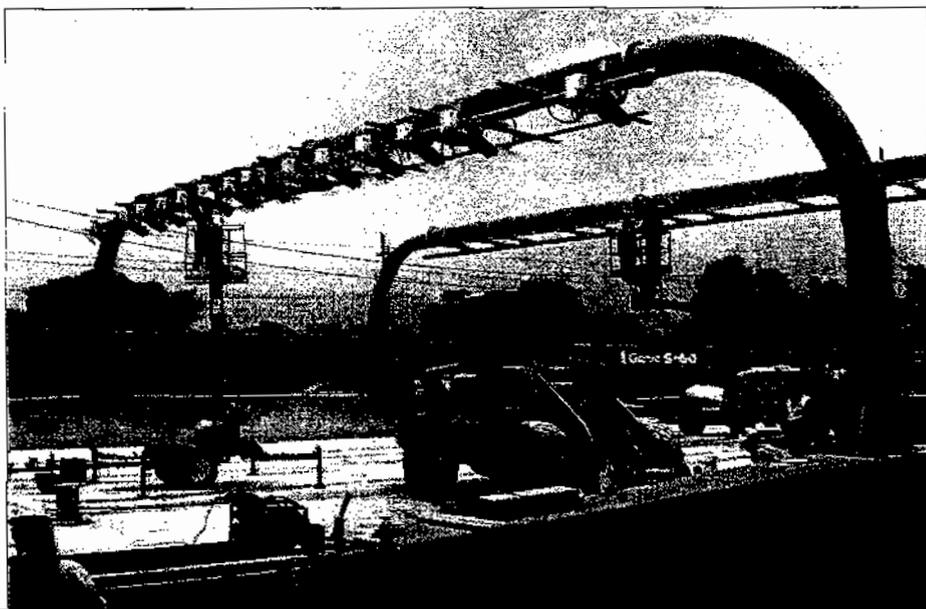
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COVER STORY

► Highways

24 At 50 years, the U.S. Interstate system is facing a mid-life crisis. As population and the number of vehicle miles traveled grows, the purchasing power of the highway trust fund's fuel tax revenue shrinks.

Photo right courtesy of the Illinois State Toll Highway Authority



FEATURE

► Historical

31 In 1956, pioneering legislation set the stage for the funding and building of America's Interstate highways.

NEWS



Foundation fiberglass. Page 16

► Buildings

16 Foundations: Fiberglass ground anchors are bolstered by metal connections

► Environment

12 Hazardous Waste Cleanup: Shaw Group wins DOE's Paducah contract

13 Nuclear Waste: U.S. company to build in Ukraine

15 Water Supply: Angled wells tap Big Muddy's sweet spot

► Power & Industrial

13 Transmission Lines: Billion-dollar link to bring solar power to San Diego

► Business & Economics

10 Infrastructure: California levee plan is part of \$222-billion proposal

► Transportation

11 Contracts: Parsons Brinckerhoff allows award of Idaho road job

14 Bridges: Maintenance now key for patched New Orleans spans



New Orleans spans. Page 14

DEPARTMENTS

5 Letters

7 Construction Week

9 Washington Observer

17 People

19 Construction Economics

53 Products

54 Pulse

83 Official Proposals (cont. on pp. 84-85)

88 Editorials

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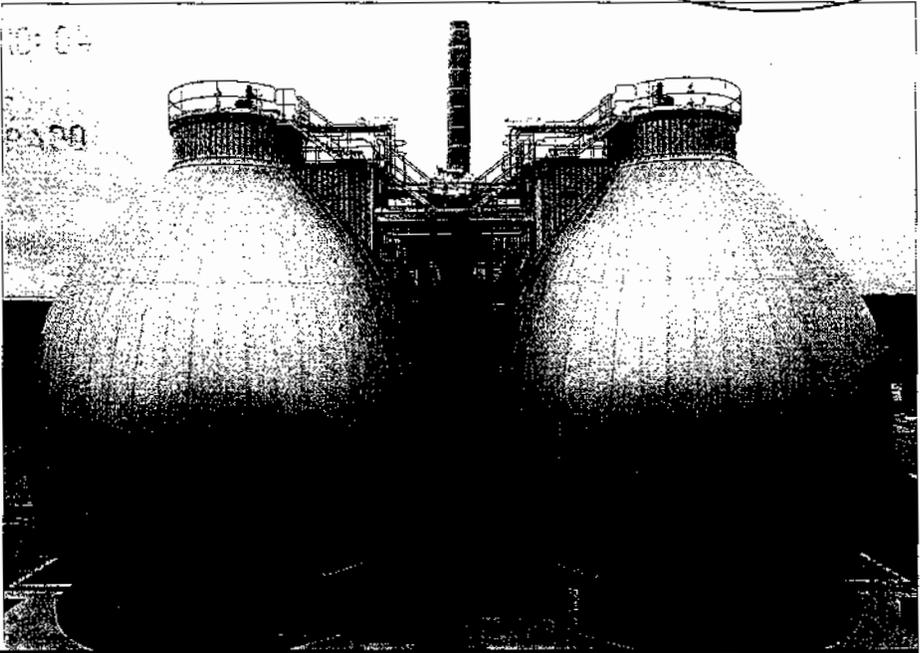
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COVER STORY

► Construction Sprint

28 England and Wales are leading the U.K. in rebuilding aging water and wastewater facilities. The two countries will spend \$30 billion over the next five years, with innovations in construction procurement and management.

Cover photo of the inside of a water storage tank under construction in northeast England, courtesy of United Utilities; photo right courtesy of Thames Water.



NEWS

► Business & Economics

12 Reconstruction: New Orleans rebuild plans take shape



New Orleans plans. Page 12

17 Cement: Cattle renderings could fuel North American cement kilns

18 Classification Systems: Large design firms may lead specification changes

► Environment

13 Investigations: Effort to protect New Orleans turns to canal closure gates

► Power & Industrial

16 Renewable Energy: Public and private sectors boost wind and solar power

► Transportation

18 Bridges: Contractors anticipate rebidding of San Francisco Bay span

► Buildings

14 Homebuilding: Mississippi streamlines construction for those who build to plan

15 Condominiums: Las Vegas condo boom cooling as projects get canceled



Las Vegas cools. Page 15

DEPARTMENTS

- 7 Letters
9 Construction Week
11 Washington Observer
19 Information Technology
20 People
21 Resources
22 Equipment Tracks & Trends
23 Construction Economics
34 Products
36 Pulse
43 Official Proposals (cont. on p. 44)
47 Viewpoint
48 Editorials

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Environmental Impact Assessment Review

Notes on authors in this issue

1

Principles for social impact assessment: A critical comparison between the international and US documents

3

Frank Vanclay

A review of strategic environmental assessment in 12 selected countries

15

A. Chaker, K. El-Fadl, L. Chamas and B. Hatjian

Bridging the gap between theory and practice in integrated assessment

57

Norman Lee

Indicators validation for the improvement of environmental and social impact quantitative assessment

79

Vicente-Agustín Cloquell-Ballester, Victor-Andrés Cloquell-Ballester,

Rafael Monterde-Díaz and Maria-Cristina Santamarina-Siurana

Why are natural disasters not "natural" for victims?

106

Yoshitaka Kumagai, John Edwards and Matthew S. Carroll

Assessing social impacts in urban waterfront regeneration

120

Rauno Sairinen and Satu Kumpulainen

Review of: The Future of Eco-labelling: Making Environmental Product Information Systems Effective

136

Robert Nuij

Geobiology

Volume 3, Issue 3, July 2005

Original Articles

- 145 Morphological and habitat evolution in the Cyanobacteria using a compartmentalization approach
P. Sánchez-Baracaldo, P. K. Hayes and C. E. Blank
- 167 The potential significance of microbial Fe(III) reduction during deposition of Precambrian banded iron formations
K. O. Konhauser, D. K. Newman and A. Kappler
- 179 Living under an atomic force microscope
M. Obst and M. Dittrich
- 195 Spatial variations of methanotrophic consortia at cold methane seeps: implications from a high-resolution molecular and isotopic approach
M. Elvert, E. C. Hopmans, T. Treude, A. Boetius and E. Suess
- 211 Archaeal and bacterial communities in geochemically diverse hot springs of Yellowstone National Park, USA
D. R. Meyer-Dombard, E. L. Shock and J. P. Amend
- 229 Microbial activity in biogeochemical gradients – new aspects of research
A. Kappler, D. Emerson, K. Edwards, J. P. Amend, J. A. Gralnick, P. Grathwohl, T. Hoehler and K. L. Straub

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T A B L E O F C O N T E N T S

G E O P H Y S I C S

- 3–22 **Middle Archean volcano-hydrothermal sequence: Bacterial microfossil-bearing 3.2 Ga Dixon Island Formation, coastal Pilbara terrane, Australia**
Shoichi Kiyokawa, Takashi Ito, Minoru Ikehara, and Fumio Kitajima

M A R I N E G E O L O G Y

- 23–38 **Geophysical and geochemical signatures associated with gas hydrate-related venting in the northern Cascadia margin**
Michael Riedel, Ivana Novosel, George D. Spence, Roy D. Hyndman, Ross N. Chapman, Richard C. Solem, and Trevor Lewis

G E O C H E M I S T R Y

- 39–64 **Deciphering igneous and metamorphic events in high-grade rocks of the Wilmington Complex, Delaware: Morphology, cathodoluminescence and backscattered electron zoning, and SHRIMP U-Pb geochronology of zircon and monazite**
John N. Aleinikoff, William S. Schenck, Margaret O. Plank, LeeAnn Srogi, C. Mark Fanning, Sandra L. Kamo, and Howell Bosbyshell

P A L E O C L I M A T O L O G Y

- 65–81 **Large kinetic isotope effects in modern speleothems**
Patrick J. Mickler, Libby A. Stern, and Jay L. Banner

P R E C A M B R I A N G E O L O G Y

- 82–93 **High-precision U-Pb geochronology in the Minnesota River Valley subprovince and its bearing on the Neoproterozoic to Paleoproterozoic evolution of the southern Superior Province**
M.D. Schmitz, S.A. Bowring, D.L. Southwick, T.J. Boerboom, and K.R. Wirth
- 94–108 **SHRIMP study of zircons from Early Archean rocks in the Minnesota River Valley: Implications for the tectonic history of the Superior Province**
M.E. Bickford, J.L. Wooden, and R.L. Bauer

S T R A T I G R A P H Y

- 109–125 **Syncollisional basin development in the Appalachian orogen—The Saint-Daniel Mélange, southern Québec, Canada**
Jean-Michel Schroetter, Alain Tremblay, Jean H. Bédard, and Mike E. Villeneuve

T E C T O N I C S

- 126–139 **Timing of Cenozoic volcanism and Basin and Range extension in northwestern Nevada: New constraints from the northern Pine Forest Range**
Joseph P. Colgan, Trevor A. Dumitru, Michael McWilliams, and Elizabeth L. Miller

- 140–158 **Eocene volcanism above a depleted mantle slab window in southern Alaska**

Ronald B. Cole, Steve W. Nelson, Paul W. Layer, and Peter J. Oswald

- 159–170 **Development and dismemberment of a Middle Devonian continental-margin submarine fan system in east-central California**

Calvin H. Stevens and Tina Pelley

- 171–184 **Plutonism in three orogenic pulses, Eastern Blue Ridge Province, southern Appalachians**

Brent V. Miller, Allen H. Fetter, and Kevin G. Stewart

- 185–198 **Geologic and U-Th-Pb geochronologic evidence for early Paleozoic tectonism in the Kathmandu thrust sheet, central Nepal Himalaya**

G.E. Gehrels, P.G. DeCelles, T.P. Ojha, and B.N. Upreti

T E C T O N O P H Y S I C S

- 199–209 **The westward drift of the lithosphere: A rotational drag?**

B. Scoppola, D. Boccaletti, M. Bevis, E. Carminati, and C. Doglioni

S E D I M E N T A R Y G E O L O G Y - S I L I C I C L A S T I C S

- 210–218 **Multimethod detrital thermochronology of the Great Valley Group near New Idria, California**

Pieter Vermeesch, Donald D. Miller, Stephan A. Graham, Johan De Grave, and Michael O. McWilliams

S T R U C T U R A L G E O L O G Y

- 219–237 **Fracture-driven intrusion and upwelling of a mid-crustal pluton fed from a transpressive shear zone—The Rieserferner Pluton (Eastern Alps)**

Ralph Wagner, Claudio L. Rosenberg, Mark R. Handy, Christoph Möbus, and Markus Albertz

- 238–252 **Latest Cretaceous to Miocene deformation events in the eastern Sierra Madre del Sur, Mexico, inferred from the geometry and age of major structures**

A.F. Nieto-Samaniego, S.A. Alaniz-Alvarez, G. Silva-Romo, M.H. Eguiza-Castro, and C.C. Mendoza-Rosales

D I S C U S S I O N A N D R E P L Y

- 253–256 **Control of internal structure and fluid-migration pathways within the Barbados Ridge décollement zone by strike-slip faulting: Evidence from coherence and three-dimensional seismic amplitude imaging:**

Discussion: Yujiro Ogawa and Peter Vrolijk

Reply: Christopher Dileonardo and J. Casey Moore

DINOSAUR REVOLUTION



FEATURES

18 THE THREE FACES OF DINOSAURS

The study of dinosaurs has come a long way from its early days in 19th century England, undergoing a renaissance of discovery in recent years.

Spencer G. Lucas

22 DRAWING DINOSAURS

Over the past 200 years, artists have altered their portrayal of dinosaurs from sluggish lizards to energetic ancestors of birds, in step with scientific discoveries.

Greg Paul

30 ON THE TRAIL OF DINOSAURS

Dinosaur footprints have revolutionized our understanding of the ancient beasts — from how fast they ran to where they lived.

Martin Lockley



NEWS & VIEWS

8 NEWS NOTES

Warming linked to disease outbreaks

◀ Seismic warnings

Mammoth meteorite unearthed

Godzilla had flippers

Planet warms, plants move in

Sizing up a crater

Volcanoes slow sea-level rise

Fire-starting hotspot

Old "footprints" stomped out?

(cont.)

ON THE COVER

This depiction of a pair of Late Cretaceous *Tyrannosaurus rex* individuals at full run continues to remain controversial, as it shows that the grant bipeds could achieve high speeds. Paleontologists who once viewed dinosaurs as slow behemoths now depict them with a wide range of energy levels and with higher accuracy, based on new discoveries. Illustration by Greg Paul.

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40



49



GEOTIMES

JANUARY 2006

Vol. 51, no.

NEWS & VIEWS CONTINUED

7 COMMENT Time Out of Mind

Connecting people to the struggle to understand geologic time is key to effectively communicating about Earth.

Alan Cutler

17 POLITICAL SCENE The Rise and Fall of FEMA

A look at the history of the U.S. federal disaster agency can inform the debate over the future direction of governmental disaster response.

Linda Rowan

38 GEOPHENOMENA

Kashmir landslide snapshot

Icy breakup

40 TRENDS & INNOVATIONS Monsters, Gods and Dinosaurs

Myths reveal the earliest explanations people sought for ancient creatures, from gold-guarding griffins to one-eyed monsters.

Megan Sever

42 EDUCATION & OUTREACH U.S. Science Gap on Global Stage

American students need to keep up with their international peers in math and science, if they are to stay competitive globally.

Kathryn Hansen

44 ENERGY & RESOURCES

Oil pricing in the hot seat

Mineral Resource of the Month: Cement

46 GEOMEDIA

Books: Fine feathered adventures in China: A review of *Unearthing the Dragon*

On the Web: Digimorph and Gas Buddy

48 PROFILES

Gerald Friedman: Sediment historian

49 BENCHMARKS Jan. 10, 1901: Texas oil gusher

The Spindletop site in Beaumont, Texas, becomes the first major U.S. oil discovery.

60 GEOLOGIC COLUMN 10 Earth Issues to Watch

Heading into the new year, several geoscience issues rise to the top as important trends to track.

Lisa A. Rossbacher

DEPARTMENTS

4 FROM THE EDITOR

6 LETTERS: Perspectives from readers

36 WHERE ON EARTH?

50 GEOMARKETPLACE

51 CLASSIFIEDS: Career opportunities

Want to attend a geoscience meeting? Visit the online Calendar at calendar.agiweb.org

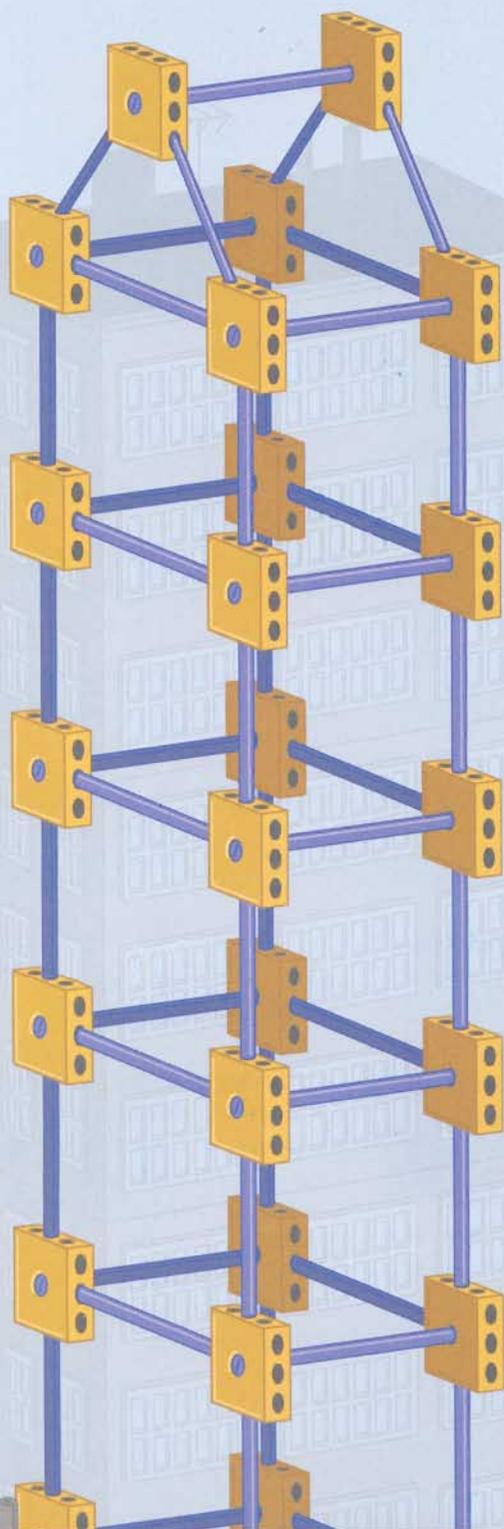
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Writing building codes "is an increasingly important process that receives very little outside scrutiny."



GUS D'ANGELO

Features

20 The Code War
 As governments move toward uniform building codes, they are being lobbied by two rival groups that offer competing sets of standards.
By Christopher Swope

LEGISLATURES 2006

24 The Truth About Term Limits
 Term limit laws have created some clear winners and losers. Among the losers are the legislatures themselves.
By Alan Greenblatt

30 Issues to Watch
 From eminent domain to health insurance to telecom regulation, legislatures have a host of hot-button subjects to debate and tough decisions to make.
By Josh Goodman

36 A Looser Lockup
 Get-tough programs for juvenile offenders have largely failed to reduce recidivism. Missouri's had success with a less punitive approach.
By Ellen Perlman

44 Buy by Data
 States that can apply "strategic sourcing" to their purchasing operations stand to save millions of dollars.
By Zach Patton

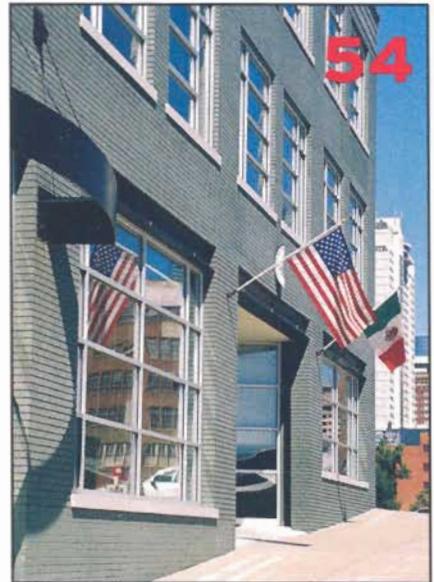
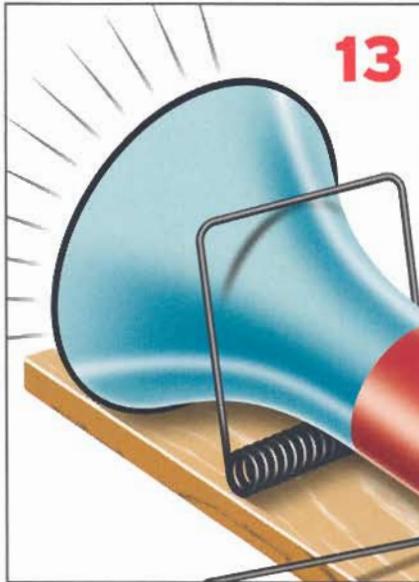
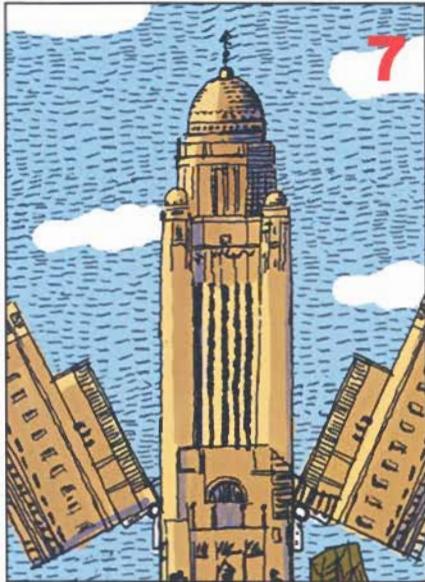
GLIMPSE

68 Median Marketplace
 Localities are banning fundraising activities along roadways.
By Elizabeth Daigneau (cont.)

COVER ILLUSTRATION BY ROBERT MEGANCK

GOVERNING

The Magazine of States and Localities



Up Front

- 4 **Publisher's Desk**
 - 7 **Assessments**
Alan Ehrenhalt on Nebraska's unicameral legislature.
 - 10 **Dialogue**
Letters from readers.
 - 13 **Observer**
The newest lottery, merit pay for teachers, and big arts venues.
 - 15 **Urban Notebook**
The questionable ROI from wi-fi, driving less in Atlanta, and jamming with citizens.
 - 16 **Player**
Neal Richmond:
Medical experiment.
 - 19 **Potomac Chronicle**
Intergovernmental wrangling over first-responder money.
- A1 **Special Report on Medicaid**
Bridging the Gap Between Care and Cost, sponsored by the Pew Center on the States

The Business of Government

LEAD STORY

49 Virginia strikes an unusual tech outsourcing deal.

TECHNOLOGY

50 Mark Stencil on improving tech-tool usability.

51 **Briefing:** Georgia automates its child welfare system.

HEALTH

52 Penelope Lemov on town hall meetings on health issues.

ECONOMIC DEVELOPMENT

54 **Briefing:** Kansas City bolsters international trade ties.

MANAGEMENT

56 **Conference Report:** Elected leaders focus their attention on results.

58 Katherine Barrett and Richard Greene on why we tolerate flawed statistics.

ENVIRONMENT

59 **Briefing:** Minnesota mandates the sale of biodiesel fuel.

FINANCE

60 John E. Petersen on pension plans investing in hedge funds.

TRANSPORTATION

62 **Briefing:** Voters give the green light to major road bonds.

On Governing.com

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Contents

JANUARY 2006 VOL. 38 NO. 1

SPECIAL SECTION

Redefining National Security 26

Ill winds have knocked national security agencies off balance. *By Katherine McIntire Peters*

Building Stability 28

Increasingly, national security depends on beefing up America's ability to rebuild nations. *By Katherine McIntire Peters*

Thin Ranks 33

We lack enough spies in the right places, and intelligence reform isn't producing them. *By Jason Vest*

Swarming Information 38

To net terrorists, abandon bureaucracy. *By Justin Rood*

Hanging Together 40

Whistleblowers hook up and use technology to protect themselves and amplify their effect. *By Chris Strahm*

FEATURES

Paybanding Pitfalls 44

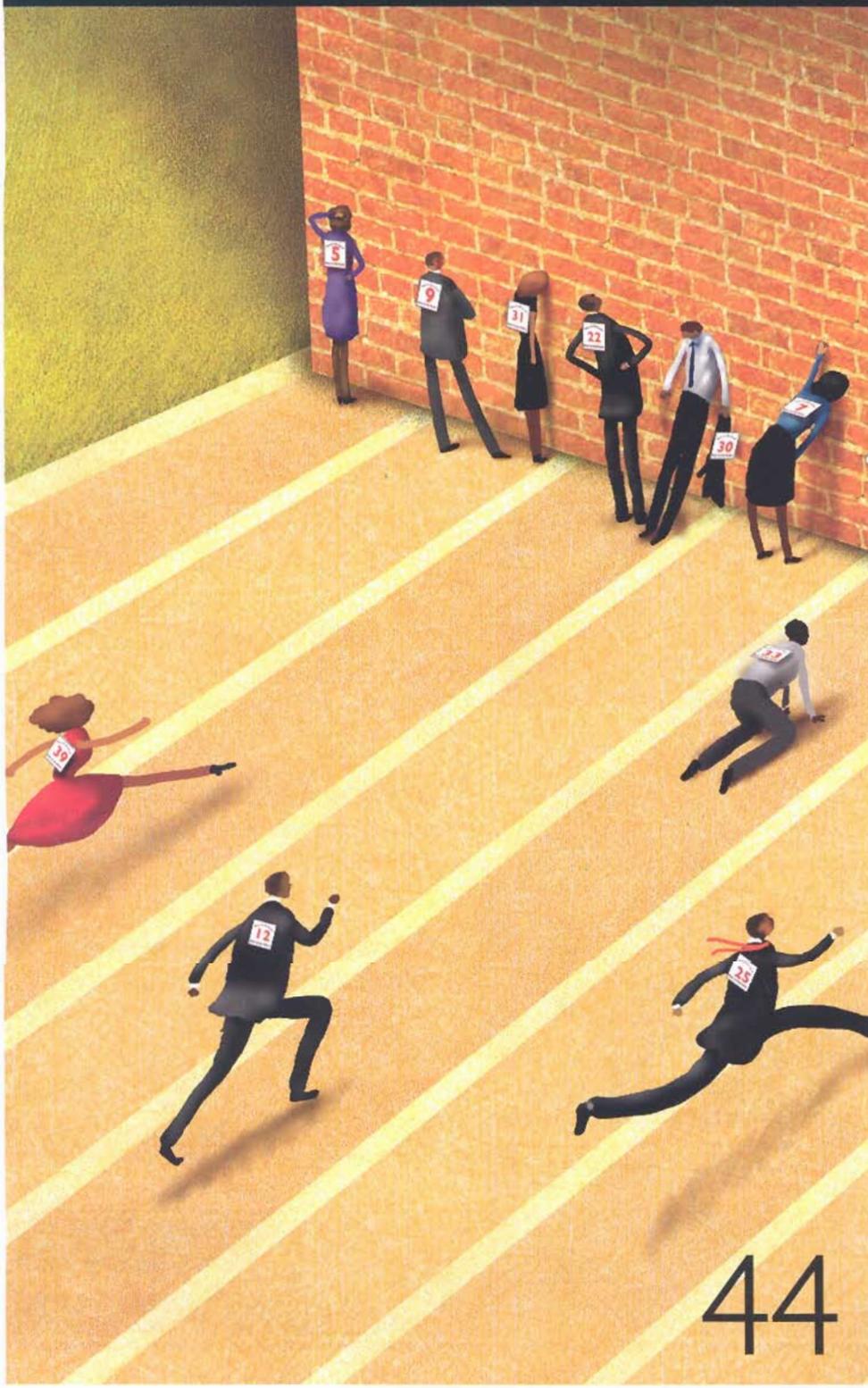
Agencies buying into the compensation craze could run into roadblocks. *By Karen Rutzick*

Buy American 54

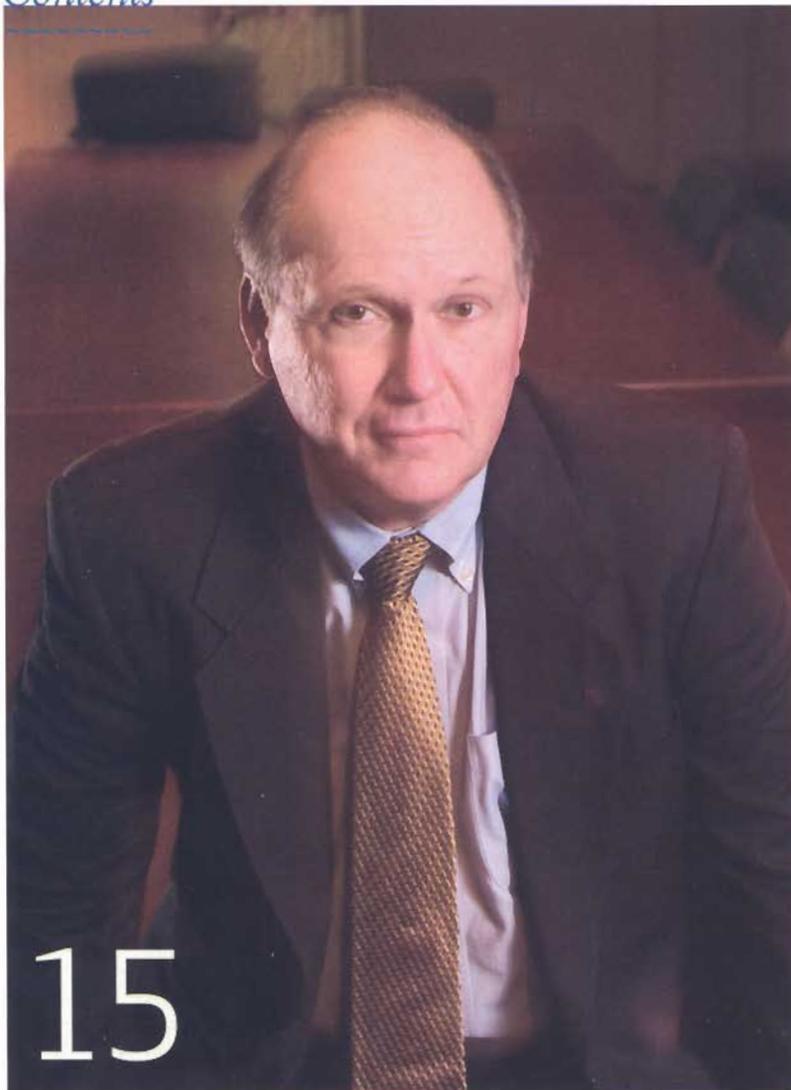
Tattered by exemptions, the 1933 law designed to protect U.S. jobs is nearly impossible to enforce. *By Kimberly Palmer*

Cover illustration by Dan Page

(cont.)



44



NEWS+ANALYSIS

Mending Medicare 15

CMS' physician reimbursement system is ailing, but many fear the cure could hurt patients.
By David Perera

Being Green 19

Legislation pushes more efficient federal buildings—and industry is ready to help.
By Kimberly Palmer

Stake Your Claim 22

Real estate speculators set their sights on lunar homesteads. By Beth Dickey

ADVICE+DISSENT

Damage Control 63

Managing Technology Early warning system for troubled IT projects isn't tamper-proof.
By David Perera

Tricky Business 66

Management Matters Corporate executives might have a lot to learn from government leaders. By Brian Friel

Tracking Technology 68

Viewpoint Agencies need to get a handle on measuring IT effectiveness.
By Robert Handler

A Salute to the Hawk 72

Political World John Murtha's stand redefines the debate over the Iraq war.
By Charles Mahtesian

IN EVERY ISSUE

Editor's Notebook 6

Agencies slowly embrace new missions and strategies.

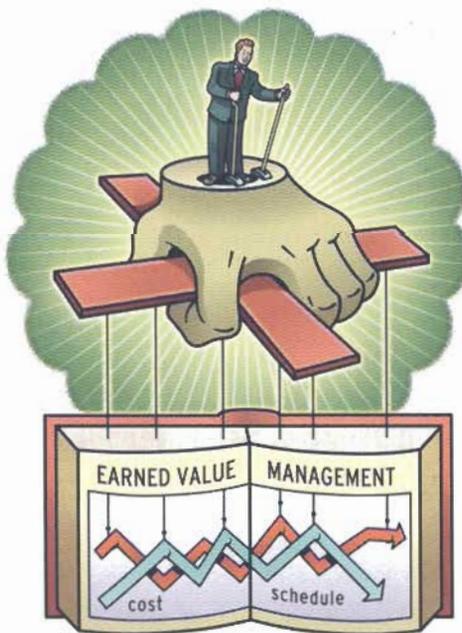
Letters 8

The Buzz 11

Stamping out a New Year, the Army's AC/DC tribute and a BlackBerry scare.

Outlook 74

Program managers are forced to work in a system that almost guarantees failure.
By Tom Shoop



63

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Contents/

Volume 44, No. 1

ground water

Association of Ground Water Scientists and Engineers

Foreword/

Foreword: Ground Water Flow Modeling with the Analytic Element Method

H.M. Haitjema, R.J. Hunt, I. Janković, and W.J. de Lange/ 1

Review Paper/

Ground Water Modeling Applications Using the Analytic Element Method

R.J. Hunt/ 5

Research papers/

Using Analytic Element Models to Delineate Drinking Water Source Protection Areas

H.A. Raymond, M. Bondoc, J. McGinnis, K. Metropoulos, P. Heider, A. Reed, and S. Saines/ 16

The AEM and Regional Carbonate Aquifer Modeling

C. Johnson and M. Miffilin/ 24

A Multiscale Investigation of Ground Water Flow at Clear Lake, Iowa

W.W. Simpkins/ 35

Estimating Recharge Rates with Analytic Element Models and Parameter Estimation

W.R. Dripps, R.J. Hunt, and M.P. Anderson/ 47

The Synergistic Powers of AEM and GIS Geodatabase Models in Water Resources Studies

D.R. Steward and E.A. Bernard/ 56

Identification of Heterogeneous Aquifer Transmissivity Using an AE-Based Method

I. Janković, A. Fiori, R. Suribhatla, and G. Dagan/ 62

Vertically Integrated Flows, Discharge Potential, and the Dupuit-Forchheimer Approximation

O.D.L. Strack, R.J. Barnes, and A. Verruijt/ 72

The Nested Superblock Approach for Regional-Scale Analytic Element Models

J.R. Craig, I. Janković, and R. Barnes/ 76

Analytic Element Modeling of Embedded Multiaquifer Domains

M. Bakker/ 81

Uniform Head in Horizontal and Vertical Wells

D.R. Steward and W. Jin/ 86

The Development of New Analytic Elements for Transient Flow and Multiaquifer Flow

O.D.L. Strack/ 91

Technical Notes/

Exact Solution for Two-Dimensional Flow to a Well in an Anisotropic Domain

C.R. Fitts/ 99

A Fast Direct Solution Method for Nonlinear Equations in an Analytic Element Model

H.M. Haitjema/ 102

Computer Note/

Building Pit Dewatering: Application of Transient Analytic Elements

W.J. Zaadnoordijk/ 106

Historical Note/

Development of an Analytic Element Ground Water Model of the Netherlands

W.J. de Lange/ 111

Index of Volume 43, 2005/

Title Index/ 116

Author Index/ 119

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For contents see pages iii-iv.

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Special Issue
Hydrogen from Coal

edited by

Tim A. Moore and Steven Pearce

Solid Energy NZ Ltd., Christchurch, New Zealand

CONTENTS

Preface

Hydrogen from coal

T.A. Moore and S. Pearce 171

Research Papers

Hydrogen from coal gasification: An economical pathway to a sustainable energy future

G.J. Stiegel and M. Ramezan 173

Matching gasification technologies to coal properties

A.-G. Collot. 191

Hydrogen from coal: Production and utilisation technologies

E. Shoko, B. McLellan, A.L. Dicks and J.D. da Costa. 213

The use of sulfur to extract hydrogen from coal

A. Jusino and H.H. Schobert. 223

Study on the suitability of New Zealand coals for hydrogen production

T. Clemens, D. Gong and S. Pearce 235

Syngas production from South African coal sources using Sasol–Lurgi gasifiers

J.C. van Dyk, M.J. Keyser and M. Coertzen 243

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EXPLOSIVES ENGINEERING

Volume 23 Number 1

January/February 2006

Table of Contents

FEATURES

- 8 Water Overpressure Monitoring During an Arctic Winter: A Seismic Exploration Project in the Northwest Territories in Canada.**
This article describes the water overpressure monitoring program on an exploration project on the Mackenzie River Delta area of the Northwest Territories in Canada. It presents the results of the monitoring, and discusses the challenges of carrying out this work in the middle of an arctic winter.
- 16 Vibration Characteristics on Surface and in Underground Openings Due to Opencast Mine Blasting**
A case study from the eastern part of the Raniganj Coal Fields in India.
- 20 Member News**
Regulatory Briefings.
- 32 Photo Contest**
One winner from the 2005 Photo Contest is presented.
- 40 Year in Review**
ISEE's 2005 Annual Report.

DEPARTMENTS

- 6 From the Executive Director**
A report on the recent activities of the Bulk Explosives Committee and their work with the ATF to ensure inventory accountability.
- 22 Industry News**
News about people, company announcements, new products and events.
- 24 Calendar of Events**
List of upcoming events in the explosives industry.
- 26 Chapter News**
News from ISEE Chapters including Black Hills, Western Canada, New England, Mid-Atlantic, and Eastern PA.
- 28 Explosives, 100 Years Ago, More or Less**
Articles from 100 years ago on torpedoing wells and blasting in large cities.
- 34 Safety Talk**
Accident Investigations. Lessons in Prevention.
- 36 Dynamite Daze**
Author Bud Jenkins tells a tale of his first oil exploration job.
- 38 Blast Vibration and Seismograph Section**
Part 4: A History of the Development of Instruments for Measuring Vibrations of the Earth.



On the Cover: A seismic exploration project on the Mackenzie Delta in the Northwest Territories in Canada. Seismic exploration was conducted under strict overpressure limits to identify potential drilling targets. See full story on page 8.

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Vol. 61, no. 1

JANUARY | FEBRUARY 2006



22A

18A THE VANISHING PRAIRIE

A discussion of natural prairie protection and how government programs impact that protection.

By Clay Ogg

22A SEEING THE TREES ALONG THE STREAMSIDE

Forested streamside management zones have many benefits, but suggestions differ on the width and uses of the zones. This article describes research that shows that even at a relatively small width, the effectiveness of protecting water quality is just as great as wider streamside zones.

By William A. Lakel, III, W. Michael Aust and C. Andrew Dolloff

30A WHAT WE DON'T KNOW CAN HURT US

A look at the barriers farmers and ranchers have to adopting sound manure management strategies.

By Laura M.J. McCann, Jennifer Twyman Nunez, and Peter Nowak

DEPARTMENTS

4A HOMEFRONT—Looking forward

Column by the Soil and Water Conservation Society's Executive Director, Craig A. Cox.

6A RAISE YOUR VOICE

Letters to the Editor

8A VIEWPOINT—Waters importance in the future

Tom Pick, president of the SWCS Montana Chapter

9A NOTEBOOK

Conservation News You Can Use

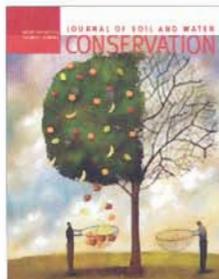
14A EDITOR'S CHOICE—Synopsis of applied research in this issue.

Debra Happe, JSWC Editor and SWCS Communications Director

34A CONSERVOGRAM

The Soil and Water Conservation Society in Action

(cont.)



On the Cover

Image by Dave
Cutler.



Journal of Soil and Water Conservation
Vol. 61, no. 1 (Jan.-Feb. 2006)

RESEARCH

- 1** **INCORPORATING GRANULAR INORGANIC FERTILIZER INTO PERENNIAL GRASSLAND SOILS TO IMPROVE WATER QUALITY**
D.H. Pote, W.L. Kingery, G.E. Aiken, F.X. Han, and P.A. Moore, Jr.
- 7** **SOIL COVERAGE BY RESIDUE AS AFFECTED BY TEN CROP SPECIES UNDER NO-TILL IN THE NORTHERN GREAT PLAINS**
S.D. Merrill, J.M. Krupinsky, D.L. Tanaka, and R.L. Anderson
- 14** **NO-TILL CULTIVATION IMPROVES STREAM ECOSYSTEM QUALITY**
A.G. Yates, R.C. Bailey, and J.A. Schwindt
- 20** **LOCAL ASSESSMENTS OF THE IMPACTS OF PHOSPHORUS INDEX IMPLEMENTATION IN PENNSYLVANIA**
W.J. Kogelmann, R.B. Bryant, H.S. Lin, D.B. Beegle, and J.L. Weld
- 31** **NITRATE-NITROGEN AND DISSOLVED REACTIVE PHOSPHORUS IN SUBSURFACE DRAINAGE FROM MANAGED TURFGRASS**
K.W. King, K.L. Hughes, J.C. Balogh, N.R. Fausey, and R.D. Harmel
- 40** **SOIL MANAGEMENT STRATEGIES FOR RICE-WHEAT ROTATIONS IN PAKISTAN'S PUNJAB**
M. Azam, M.A. Kahlown, and W.D. Kemper

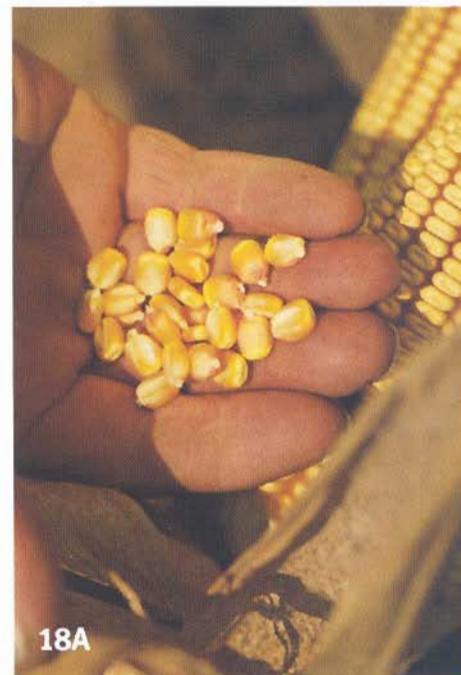


TABLE OF CONTENTS

TECHNICAL PAPERS

Use of Soil Moisture Probes to Estimate Ground Water Recharge at an Oil Spill Site – <i>Geoffrey N. Delin and William N. Herkelrath</i>	1259
<i>Escherichia Coli</i> Survival in Mantled Karst Springs and Streams, Northwest Arkansas Ozarks, USA, – <i>Ralph K. Davis, Sherri Hamilton, and John Van Brahana</i>	1279
Distributed Runoff Formulation Designed for a Precision Agricultural Landscape Modeling System – <i>Christine C. Molling, John C. Strikwerda, John M. Norman, Charles A. Rodgers, Rick Wayne, Cristine L.S. Morgan, George R. Diak, and John R. Mecikalski</i>	1289
A Hydrodynamic Modeling Study to Determine the Optimum Water Intake Location in Lake Paldang, Korea – <i>Eun Hye Na and Seok Soon Park</i>	1315
Estimation of Streamflow, Base Flow, and Nitrate-Nitrogen Loads in Iowa Using Multiple Linear Regression Models – <i>Keith E. Schilling and Calvin F. Wolter</i>	1333
Minimizing the Impact of Urbanization on Long Term Runoff – <i>Zhenxu Tang, Bernie A. Engel, Kyoung J. Lim, Brayn C. Pijanowski, and Jon Harbor</i>	1347
Optimal Profits Under Environmental Constraints: Implications of Nutrient and Sediment Standards – <i>Walaiporn Intarapapong, Diane Hite, and Murat Isik</i>	1361
Base Flow Trends in Urbanizing Watersheds of the Delaware River Basin – <i>David Brandes, Gregory J. Cavallo, and Michael L. Nilson</i>	1377
Analysis of Streamflow Trends and the Effects of Climate in Pennsylvania, 1971 to 2001 – <i>Y. Zhu and R.L. Day</i>	1393
Automated Web GIS Based Hydrograph Analysis Tool, WHAT – <i>Kyoung Jae Lim, Bernard A. Engel, Zhenxu Tang, Joongdae Choi, Ki-Sung Kim, Suresh Muthukrishnan, and Dibyajyoti Tripathy</i>	1407
Benefits of Iterative Water Supply Forecasting in the Washington, D.C., Metropolitan Area – <i>Erik R. Hagen, K. John Holmes, Julie E. Kiang, and Roland C. Steiner</i>	1417
Using Geology to Improve Flood Hazard Management on Alluvial Fans – An Example From Laughlin, Nevada – <i>P. Kyle House</i>	1431

(cont.)

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 DEPARTMENT OF CIVIL ENGINEERING
 UNIVERSITY OF CALIFORNIA
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A Law and Economics Approach to Resolving Reservoir Sediment Management Conflicts
- Amanda Thimmes, Ray Huffaker, and Rollin Hotchkiss1449

Water Shortages, Development, and Drought in Rockland County, New York
- Bradfield Lyon, Nicholas Christie-Blick, and Yekaterina Gluzberg1457

Interfacing GIS With Water Resource Models: A State-of-the-Art Review
- Paul H. Martin, Eugene J. LeBoeuf, James P. Dobbins, Edsel B. Daniel, and Mark D. Abkowitz1471

Errata - "Sediment Dispersion in Salmon Streams: The Influence of Floods and Salmon Redd Construction"
- Allen S. Gottesfeld, Marwan A. Hassan, Jon F. Tunnicliffe, and Ron W. Poirier1489

Discussion - "Curve Number Hydrology in Water Quality Modeling: Uses, Abuses, and Future Directions," by David C. Garen and Daniel S. Moore
- M. Todd Walter and Stephen B. Shaw1491

Reply to Discussion - "Curve Number Hydrology in Water Quality Modeling: Uses, Abuses, and Future Directions," by M. Todd Walter and Stephen B. Shaw
- David C. Garen and Daniel S. Moore1493

BOOK REVIEWS1495-1502

AWRA INSTITUTIONAL MEMBERS1503-1506

AWRA CORPORATE MEMBERS1507-1508

2006 AWRA MEMBERSHIP PLAN1509

2006 AWRA MEMBERSHIP APPLICATION1510

PROFESSIONAL SERVICES - AWRA CORPORATE MEMBERS1511-1512

TITLE INDEX TO VOLUME 41 - 20051513-1520

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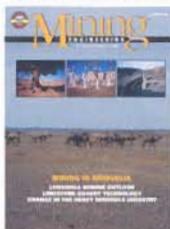
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VOL. 58, NO. 1 JANUARY 2006

COVER STORY



CONTENTS —

Mongolia, more than 5,200 exploration and mining licenses, page 19. Longwall mining, part two. Will it increase, be more productive, account for more underground coal output? Yes to all. Page 27. And using modern technology in a limestone quarry, page 37. (Cover photos courtesy of Louis W. Cope.)

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FEATURE ARTICLES

19
**Mongolia:
little known
mineral wealth**
Louis W. Cope

27
**U.S. longwall development
projected to increase**
*George V. Weisdack
and James F. Kvitkovich*

33
**Heavy Minerals activity
on the rise worldwide**
William R. Yernberg

TECHNICAL PAPERS (peer reviewed and approved)

37
**Application
of modern technology
in today's
limestone quarry operation**
Y.J. Zhang and B. Moore

43
**Probabilistic approach
to project-specific
political risk analysis
for mineral projects**
*Z. Gavelan
and S. Dessureault*

50
**Coal mine
methane drainage
using multilateral
horizontal wells**
J.A. Zupanick

DEPARTMENTS

- 4**
The drift of things
- 6**
Industry newswatch
- 53**
New media
- 54**
Coming events
- 56**
New products
- 59**
SME news/
Legion of honor/
25-year members
- 61**
SME Foundation
- 62**
Local section news
- 63**
Personal news
- 64**
Obituaries
- 66**
Online media/
Membership
- 74**
Reader services
- 80**
Professional
services
- 85**
Advertiser index
- 1S**
SME Annual
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MAGAZINE

A Voice For Western Mining Since 1938

December 2005

Cover Story: Sunshine being rehabilitated **3**

Mining in the West **6**

Mineral Park EW plant reaches its Phase 1 goal • Rare yogo sapphires are real treasures from Treasure State • Revett goes on the road with truth about mine • Big Bar cuts deal with PD on Troy prospect • Donlin Creek continues to show high-grade • Drilling starts to define new Golden Chest zone • Drilling gets under way at Monitor • Queenstake finds more high-grade near Smith • August continuing to verify Rosemont stats

Energy **15**

Peabody starts push to promote more U.S. use of clean coal • Arch expects West Elk to be down for 6 weeks • UP lifts force majeure on PRB coal shipments • Greenpeace condemns Asia's growing coal use

Governments and Mining **17**

Canyon takes 'takings' to U.S. Supreme Court • W. Va. court says export tax on coal is legitimate • Exploration exploding, but U.S. ranks near end • NEPA no longer doing original job, NMA says • Percentage depletion repeal axed from bill • Former AMC leader dies • EU has new rules on tailings

Environment **19**

25 years later, Alaska land act still elicits strong controversy • Idaho considers tough new rules on mining • Enviros use 'rights' issue in effort to block mine • Appeals court upholds order for Grace to pay

The Business of Mining **21**

Phelps Dodge selling chemicals unit, most N.A. wire assets • HudBay Minerals buying copper cons from Butte • Coeur reporting higher revenue, income with better prices • Ivanhoe's revenues grow • Hecla's losses continue; firm faces problems in Venezuela • Stillwater undergoing makeover to turn red ink into black • Arch Coal lauded for its wise use of technology • Quadrem is cash-flow positive

Commentary, 2; Ad Index, 6; Mexico, 8; Canada, 9; World, 10; Peru, 11; Latin America, 12; Chile, 13; Western Briefs, 14; Earnings, 24, 25; Companies and Markets, 27; Metals, 28; Supplying the Mines, 29; Miners in the News, 29; Directory, 30; Safety, Health & Labor, 31; Low Grade, 32

On the Cover

Sterling Mining Co. is moving quickly to get the fabulous Sunshine mine back into production, working in a number of areas. This includes rehabilitating much of the classic equipment at the mine, such as that shown on the cover and page 3. (Illustrations are from the Sterling website at www.sterlingmining.com.)

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Table of Contents

Special Feature: Applications of Geospatial Techniques

- 1 Applying Improved Estimates of MODIS Productivity to Characterize Grassland Vegetation Dynamics
Matthew C. Reeves, Maosheng Zhao, and Steven W. Running
- 11 Comparison of Stocking Rates From Remote Sensing and Geospatial Data
E. Raymond Hunt Jr. and Brian A. Miyake
- 19 A Protocol for Retrospective Remote Sensing-Based Ecological Monitoring of Rangelands
Robert A. Washington-Allen, Neil E. West, R. Douglas Ramsey, and Rebecca A. Efroymson
- 30 Evaluation of High-Resolution Satellite Imagery for Assessing Rangeland Resources in South Texas
J. H. Everitt, C. Yang, R. S. Fletcher, and D. L. Drawe
- 38 Challenges of Integrating Geospatial Technologies Into Rangeland Research and Management
Keith T. Weber

Research Articles

- 44 Estimating Biophysical Characteristics of Musk Thistle (*Carduus nutans*) With Three Remote Sensing Instruments
Mustafa Mirik, Karl Steddom, and Gerald J. Michels Jr.
- 55 Measured Sediment Yield Rates From Semiarid Rangeland Watersheds
M. H. Nichols
- 63 Seed Production and Dispersal of Sulfur Cinquefoil in Northeast Oregon
Kathleen A. Dwire, Catherine G. Parks, Michael L. McInnis, and Bridgett J. Naylor
- 73 Vegetation on Gunnison's Prairie Dog Colonies in Southwestern Colorado
Madeline N. Grant-Hoffman and James K. Detling
- 80 Elk, Mule Deer, and Cattle Foraging Relationships on Foothill and Mountain Rangeland
Wendy L. F. Torstenson, Jeffrey C. Mosley, Tracy K. Brewer, Michael W. Tess, and James E. Knight
- 88 Restoration of Quaking Aspen Woodlands Invaded by Western Juniper
Jonathan D. Bates, Richard F. Miller, and Kirk W. Davies
- 98 Response of Two Semiarid Grasslands to a Second Fire Application
Carleton S. White, Rosemary L. Pendleton, and Burton K. Pendleton

Comment

- 107 "Silver Sagebrush Community Associations in Southeastern Alberta, Canada." *Rangeland Ecology & Management* 58:400-405
Cameron L. Aldridge and Mark S. Boyce
- 109 "Silver Sagebrush Community Associations in Southeastern Alberta, Canada": A Response
Paul F. Jones, Roy Penniket, Livio Fent, Joel Nicholson, and Barry Adams

Front Cover Photograph: Airborne view of mixed-grass prairie in southeastern Wyoming in wintertime. Snow collects in the low-lying draws and riparian areas, showing areas of higher productivity compared to the area average. Photo by E. Raymond Hunt Jr.

SOIL SCIENCE

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CONTENTS

Vol. 170 No. 12

COMPOST INCORPORATION INCREASES PLANT AVAILABLE WATER IN A DRASTICALLY DISTURBED SERPENTINE SOIL <i>Matthew J. Curtis and Victor P. Claassen</i>	939
USING REMOTE SENSING DATA TO EVALUATE SURFACE SOIL PROPERTIES IN ALABAMA ULTISOLS <i>Dana G. Sullivan, Joey N. Shaw, Doug Rickman, Paul L. Mask, and Jeffrey C. Luvall</i>	954
LOSS OF NITRATE-NITROGEN BY RUNOFF AND LEACHING FOR AGRICULTURAL WATERSHEDS <i>M. A. Elrashidi, M. D. Mays, A. Fares, C. A. Seybold, J. L. Harder, S. D. Peaslee, and Pam VanNeste</i>	969
COMPARISON OF GLOMALIN AND HUMIC ACID IN EIGHT NATIVE U.S. SOILS <i>K. A. Nichols and S. F. Wright</i>	985
SOIL AGGREGATE PROPERTIES AND ORGANIC CARBON FOR SWITCHGRASS AND TRADITIONAL AGRICULTURAL SYSTEMS IN THE SOUTHEASTERN UNITED STATES <i>Humberto Blanco-Canqui, Rattan Lal, and Roque Lemus</i>	998
TEMPORAL CHANGES IN SOIL ORGANIC CARBON CONCENTRATION AND STOCKS IN RECLAIMED MINESOILS OF SOUTHEASTERN OHIO <i>M. K. Shukla and R. Lal</i>	1013
ELEMENTAL COMPOSITION OF SOIL NODULES FROM TWO ALFISOLS ON AN ALLUVIAL TERRACE IN MISSOURI <i>Michael Aide</i>	1022
ASSESSMENT OF ABORIGINAL SMALLHOLDER SOILS FOR RUBBER GROWTH IN PENINSULAR MALAYSIA <i>Colleen J. Howell, Kurt A. Schwabe, Azizan Haji Abu Samah, Robert C. Graham, and Nur Iskandar Taib</i>	1034
BOOK REVIEWS	1050
TO OUR MANUSCRIPT REVIEWERS	1053

Soil Science is now accepting for publication announcements of appropriate meetings. Please send meeting

Soil Physics

- 1–13 Soil Water Regime in Space and Time in a Small Georgia Piedmont Catchment under Pasture *D. M. Endale, D.S. Fisher, and H.H. Schomberg*
- 14–23 Percolation Treatment of Charge Transfer in Humidified Smectite Clays *Allen G. Hunt, Sally D. Logsdon, and David A. Laird*

Soil Chemistry

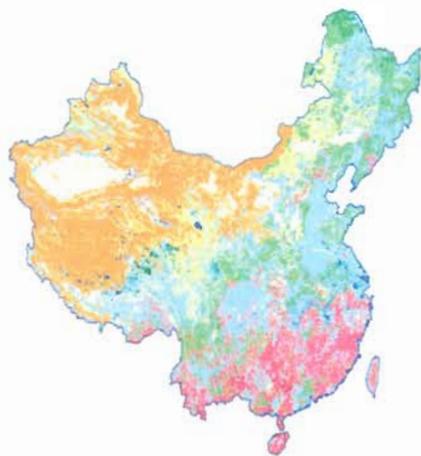
- 14–23 Percolation Treatment of Charge Transfer in Humidified Smectite Clays *Allen G. Hunt, Sally D. Logsdon, and David A. Laird*
- 24–30 Estimating the Potential for Facilitated Transport of Napropamide by Dissolved Organic Matter *C. F. Williams, J. Letey, and W.J. Farmer*
- 31–40 Hydration Energy Determines Isovalent Cation Exchange Selectivity by Clay Minerals *Brian J. Teppen and David M. Miller*
- 41–47 Speciation of Selenium(IV) and Selenium(VI) using Coupled Ion Chromatography—Hydride Generation Atomic Absorption Spectrometry *Sabine Goldberg, D.A. Martens, H.S. Forster, and M.J. Herbel*
- 48–56 Soil Solution Sampling for Organic Acids in Rice Paddy Soils *Olivyn R. Angeles, Sarah E. Johnson, and Roland J. Buresh*
- 57–63 Organic Matter Study of Whole Soil Samples Using Laser-Induced Fluorescence Spectroscopy *Débora Marcondes Bastos Pereira Milori, Helder Vinícius Avanço Galetí, Ladislau Martin-Neto, Jefferson Dieckow, Martha González-Pérez, Cimélio Bayer, and Júlio Salton*

- 192–203 Selenite Adsorption Mechanisms on Pure and Coated Montmorillonite: An EXAFS and XANES Spectroscopic Study *Derek Peak, U.K. Saha, and P.M. Huang*
- 204–214 Mobilization of Arsenite by Competitive Interaction with Silicic Acid *Todd P. Luxton, Christopher J. Tadanier, and Matthew J. Eick*
- 215–221 Heavy Metal Adsorption by Montmorillonites Modified with Natural Organic Cations *M. Cruz-Guzmán, R. Celis, M.C. Hermosin, W.C. Koskinen, E.A. Nater, and J. Cornejo*
- 222–234 Role of Organic Acids in Phosphate Mobilization from Iron Oxide *Sarah E. Johnson, and Richard H. Loeppert*
- 297–304 Adsorption of Polyacrylamide on Smectite, Illite, and Kaolinite *Youjun Deng, Joe B. Dixon, and G. Norman White*

Soil Biology & Biochemistry

- 64–71 Spatial Distribution of Microbial 2,4-Dichlorophenoxy Acetic Acid Mineralization from Field to Microhabitat Scales *Laure Vieublé Gonod, Joël Chadoeuf, and Claire Chemu*
- 72–77 Soil Microbial Responses to Potassium-Based Black Liquor from Straw Pulping *C. Xiao, M. Fauci, D.F. Bezdicsek, W.T. McKean, and W.L. Pan*
- 235–248 Modeling the Effects of Fertilizer Application Rate on Nitrous Oxide Emissions *R.F. Grant, E. Putney, T.W. Goddard, L.M. Kryzanowski, and H. Puurveen*
- 249–255 Nitrogen Fertilization and Cropping System Impacts on Soil Quality in Midwestern Mollisols *A.E. Russell, D.A. Laird, and A.P. Mallarino*

Continued on page ii



This issue's cover: Soil taxonomy orders as translated from genetic soil classification of China and rendered according to the recently digitized 1:1000000 Chinese soil map. Please see "Cross-reference system for translating between genetic soil classification of China and soil taxonomy" by X.Z. Shi et al.

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Soil Fertility & Plant Nutrition

- 72-77 Soil Microbial Responses to Potassium-Based Black Liquor from Straw Pulping *C. Xiao, M. Fauci, D.F. Bezdicsek, W.T. McKean, and W.L. Pan*
- 172-182 Need for a Soil-Based Approach in Managing Nitrogen Fertilizers for Profitable Corn Production *R.L. Mulvaney, S.A. Khan, and T.R. Ellsworth*
- 249-255 Nitrogen Fertilization and Cropping System Impacts on Soil Quality in Midwestern Mollisols *A.E. Russell, D.A. Laird, and A.P. Mallarino*

Pedology

- 78-83 Cross-Reference System for Translating Between Genetic Soil Classification of China and Soil Taxonomy *X.Z. Shi, D.S. Yu, F.D. Warner, W.X. Sun, G.W. Petersen, Z.T. Gong, and H. Lin*
- 183-191 Development and Evaluation of Iron-Coated Tubes that Indicate Reduction in Soils *B.J. Jenkinson and D.P. Franzmeier*
- 256-265 Distribution of Soil Organic and Inorganic Carbon Pools by Biome and Soil Taxa in Arizona *Craig Rasmussen*

Soil & Water Management & Conservation

- 1-13 Soil Water Regime in Space and Time in a Small Georgia Piedmont Catchment Under Pasture *D.M. Endate, D.S. Fisher, and H.H. Schomberg*
- 84-89 Fertilizer Source and Soil Aeration Effects on Runoff Volume and Quality *D.H. Franklin, M.I. Cabrera, and V.H. Calvert*
- 90-97 Citrus Water Uptake Dynamics on a Sandy Florida Entisol *K.T. Morgan, T.A. Obreza, J.M.S. Scholberg, I.R. Parsons, and T.A. Wheaton*
- 98-107 Soil Management and Landscape Variability Affects Field-Scale Cotton Productivity *J.A. Terra, Joey N. Shaw, D.W. Reeves, R.L. Raper, E. van Santen, E.B. Schwab, and P.L. Mask*
- 108-120 Spatial Variability of Substrate Water Content and Growth of White Spruce Seedlings *Mohammed S. Lamhamedi, Louise Labbé, Hank A. Margolis, Debra C. Stowe, Louis Blais, and Mario Renaud*
- 121-129 Soil Organic Matter in a West Bengal Inceptisol after 30 Years of Multiple Cropping and Fertilization *M.C. Manna, A. Swarup, R.H. Wanjari, Y.V. Singh, P.K. Ghosh, K.N. Singh, A.K. Tripathi, and M.N. Saha*
- 266-278 Corn Stover Impacts on Near-Surface Soil Properties of No-Till Corn in Ohio *Humberto Blanco-Canqui, R. Lal, W.M. Post, R.C. Izaurralde, and L.B. Owens*

Forest, Range & Wildland Soils

- 130-140 Assessing Change in Soil-Site Productivity of Intensively Managed Loblolly Pine Plantations *M.H. Eisenbies, J.A. Burger, W.M. Aust, S.C. Patterson, and T.R. Fox*
- 141-152 Acid-base Characteristics of Soils in the Adirondack Mountains, New York *Timothy J. Sullivan, Ivan J. Fernandez, Alan T. Herlihy, Charles T. Driscoll, Todd C. McDonnell, Nancy A. Nowicki, Kai U. Snyder, and James W. Sutherland*
- 153-162 Litter Quality and Climate Decouple Nitrogen Mineralization and Productivity in Chilean Temperate Rainforests *Amishi B. Joshi, David R. Vann, and Arthur H. Johnson*
- 279-286 Fertilization Effects on Carbon Pools in Loblolly Pine Plantations on Two Upland Sites *Zakiya H. Leggett and Daniel L. Kelting*

Nutrient Management & Soil & Plant Analysis

- 163-171 Phosphorus Loss in Runoff from Long-term Continuous Wheat Fertility Trials II *Zhang, J.L. Schroder, R.L. Davis, J.J. Wang, M.E. Payton, W.E. Thomason, Y. Tang, and W.R. Raun*
- 172-182 Need for a Soil-Based Approach in Managing Nitrogen Fertilizers for Profitable Corn Production *R.L. Mulvaney, S.A. Khan, and T.R. Ellsworth*
- 287-296 Impact of Soil Texture on the Distribution of Soil Organic Matter in Physical and Chemical Fractions *Alain F. Plante, Richard T. Conant, Catherine E. Stewart, Keith Paustian, and Johan Six*

Soil Mineralogy

- 297-304 Adsorption of Polyacrylamide on Smectite, Illite, and Kaolinite *Youjun Deng, Joe B. Dixon, and G. Norman White*

Wetland Soils

- 183-191 Development and Evaluation of Iron-Coated Tubes that Indicate Reduction in Soils *B.J. Jenkinson and D.P. Franzmeier*

Comments & Letters to the Editor

- 306 Letter to the Editor on "Rank Stability or Temporal Stability" *You-Junchel*

Other Items

- 305 Errata
- 307 Book Review
- 308 SSSA Publication Policy

CONTENTS

Feature Articles

No reproductive isolation between freshwater pulmonate snails *Physa virgata* and *P. acuta*. Robert T. Dillon, Jr., John D. Robinson, Thomas P. Smith, and Amy R. Wethington 415

Life history attributes of white sucker (*Catostomus commersoni*) in Lake Taneycomo and associated tributaries in southwestern Missouri. Carl K. Wakefield and Daniel W. Beckman 423

Allometry, sexual size dimorphism, and niche partitioning in the Mediterranean gecko (*Hemidactylus turcicus*). James B. Johnson, Lance D. McBrayer, and Daniel Saenz 435

Patterns of occurrence and abundance of land birds on Espíritu Santo Island, Gulf of California, México. Roberto Carmona, Gorgonio Ruiz-Campos, José Alfredo Castillo-Guerrero, and Georgina Brabata 440

Habitat preferences of migrant and wintering northern harriers in northwestern Texas. Carroll D. Littlefield and Douglas H. Johnson 448

Male reproductive cycle of Mexican big-eared bats, *Corynorhinus mexicanus* (Chiroptera: Vespertilionidae). Miguel A. León-Galván, Ricardo López-Wilchis, Omar Hernández-Pérez, Edith Arenas-Ríos, and Adolfo Rosado 453

Diet and tree use of Abert's squirrels (*Sciurus aberti*) in a mixed-conifer forest. Andrew J. Edelman and John L. Koprowski 461

Scavenging behavior in puma. Jim W. Bauer, Kenneth A. Logan, Linda L. Sweanor, and Walter M. Boyce 466

Germination of native and exotic plant seeds dispersed by coyotes (*Canis latrans*) in southern California. Robin P. Silverstein 472

Notes

Native woodland loss during the mid 1900s in Cameron County, Texas. Thomas A. Tremblay, William A. White, and Jay A. Raney 479

New evidence for persistent or transient seed banks in three Sonoran Desert cacti. Janice E. Bowers 482

Occurrence of the river shiner, *Notropis blennius*, in Lake Meredith, Texas. Michael Patrikeev, Timothy H. Bonner, and G. Matthew Trujillo 488

Abnormal digits in Strecker's chorus frogs (*Pseudacris streckeri*, Hylidae) from central Texas. Marcos Gridi-Papp and Cristina O. Gridi-Papp 490

Striped neonate with additional notes on polymorphism in the western long-nosed snake (*Rhinocheilus lecontei lecontei*). Hugh K. McCrystal and Craig S. Ivanyi 494

Taxonomic status of the Madrean alligator lizard (Lacertilia: Anguidae) of the Sierra del Nido, Chihuahua, México. Robert W. Bryson, Jr., Hobart M. Smith, and Julio Lemos-Espinal 497

Unusual tail measurements of *Bubo virginianus* from Texas. Daniel M. Brooks and Keith A. Arnold 498

Slate-throated redstarts (*Myioborus miniatus*) breeding in Maderas del Carmen, Coahuila, Mexico. John E. McCormack, Gabriela Castañeda Guayasamin, Borja Milá, and Feliciano Heredia Pineda 501

Diminutive woodrat (*Nelsonia neotomodon*) in Chihuahua, Mexico. Diego F. García-Mendoza and Celia López-González 503

Wildfire and desert bighorn sheep habitat, Santa Catalina Mountains, Arizona. James W. Cain III, Heather E. Johnson, and Paul R. Krausman 506

Saguaro spine penetrated bighorn sheep skull. Brian D. Jansen, Paul R. Krausman, James R. Heffelfinger, and James C. deVos, Jr. 513

Digestive efficiency of collared peccaries and wild pigs. Jennifer J. Elston, Edward A. Klinksiek, and David G. Hewitt 515

Correction for: Avian mortality during fall 2001 migration at communications towers along the Rio Grande corridor in southern New Mexico. Daniel L. Ginter and Martha J. Desmond .. 520

Announcements 521

Index for Volume 50 527

Cover: Design by Jane Van Auken for the 51st Annual Meeting held in April 2004.

AGU updated its pagination and citation system effective 1 January 2004 to make it easier to locate articles within the printed issues and to track citation statistics. In the left-hand column is the article citation number, which also appears on each page within the article. The citation number now contains pertinent information: journal letter indicator (W for WRR), issue number (01), subject area designator (1-9), and order in which the article appears in the subject area (01-xx). The subject area designators are as follows: 1, Surface Water and Climate; 2, Hydrogeochemistry and Water Chemistry; 3, Erosion, Sedimentation, and Geomorphology; 4, Water Policy, Economics, and Systems Analysis; 5, Subsurface Hydrology; 6, Technical Notes; 7, Data and Analysis Notes; 8, Commentaries; and 9, Corrections.

Surface Water and Climate

- W01101** *Anne-Catherine Favre, Salaheddine El Adlouni, Luc Perreault, Nathalie Thiémonge, and Bernard Bobée*
Multivariate hydrological frequency analysis using copulas (DOI 10.1029/2003WR002456)
- W01102** *Beth Gardner and Patrick J. Sullivan*
Spatial and temporal stream temperature prediction: Modeling nonstationary temporal covariance structures (DOI 10.1029/2003WR002511)
- W01103** *Mark Thyer, Jos Beckers, Dave Spittlehouse, Younes Alila, and Rita Winkler*
Diagnosing a distributed hydrologic model for two high-elevation forested catchments based on detailed stand- and basin-scale data (DOI 10.1029/2003WR002414)
- W01104** *Tomo`omi Kumagai, Gabriel G. Katul, Taku M. Saitoh, Yoshinobu Sato, Odair J. Manfroi, Toshiyuki Morooka, Tomoaki Ichie, Koichiro Kuraji, Masakazu Suzuki, and Amilcare Porporato*
Water cycling in a Bornean tropical rain forest under current and projected precipitation scenarios (DOI 10.1029/2003WR002226)
- W01105** *Gertrud K. Nürnberg and Bruce D. LaZerte*
Modeling the effect of development on internal phosphorus load in nutrient-poor lakes (DOI 10.1029/2003WR002410)
- W01106** *Alberto Montanari and Armando Brath*
A stochastic approach for assessing the uncertainty of rainfall-runoff simulations (DOI 10.1029/2003WR002540)
- W01107** *Jim E. O'Connor and John E. Costa*
Spatial distribution of the largest rainfall-runoff floods from basins between 2.6 and 26,000 km² in the United States and Puerto Rico (DOI 10.1029/2003WR002247)

Hydrogeochemistry and Water Chemistry

- W01201** *Steffanie H. Keefe, Larry B. Barber, Robert L. Runkel, Joseph N. Ryan, Diane M. McKnight, and Roland D. Wass*
Conservative and reactive solute transport in constructed wetlands (DOI 10.1029/2003WR002130)

Erosion, Sedimentation, and Geomorphology

- W01301** *P. M. Saco and P. Kumar*
Kinematic dispersion effects of hillslope velocities (DOI 10.1029/2003WR002024)
- W01302** *S. N. Lane, R. J. Hardy, L. Elliott, and D. B. Ingham*
Numerical modeling of flow processes over gravelly surfaces using structured grids and a numerical porosity treatment (DOI 10.1029/2002WR001934)

(continued on inside back cover)

(continued from outside back cover)

Water Policy, Economics, and Systems Analysis

- W01401** *Klaus Moeltner and Shawn Stoddard*
A panel data analysis of commercial customers' water price responsiveness under block rates (DOI 10.1029/2003WR002192)

Subsurface Hydrology

- W01501** *C. Pan, M. Hilpert, and C. T. Miller*
Lattice-Boltzmann simulation of two-phase flow in porous media (DOI 10.1029/2003WR002120)
- W01502** *Jean-Raynald de Dreuzy, Caroline Darcel, Philippe Davy, and Olivier Bour*
Influence of spatial correlation of fracture centers on the permeability of two-dimensional fracture networks following a power law length distribution (DOI 10.1029/2003WR002260)
- W01503** *M. Mokhlesur Rahman, Rudolf Liedl, and Peter Grathwohl*
Sorption kinetics during macropore transport of organic contaminants in soils: Laboratory experiments and analytical modeling (DOI 10.1029/2002WR001946)
- W01504** *Matthew J. Simpson and T. Prabhakar Clement*
Improving the worthiness of the Henry problem as a benchmark for density-dependent groundwater flow models (DOI 10.1029/2003WR002199)
- W01505** *M. G. Trefry and E. Bekele*
Structural characterization of an island aquifer via tidal methods (DOI 10.1029/2003WR002003)
- W01506** *Hai Huang, Bill X. Hu, Xian-Huan Wen, and Craig Shirley*
Stochastic inverse mapping of hydraulic conductivity and sorption partitioning coefficient fields conditioning on nonreactive and reactive tracer test data (DOI 10.1029/2003WR002253)
- W01507** *D. W. Vasco and Stefan Finsterle*
Numerical trajectory calculations for the efficient inversion of transient flow and tracer observations (DOI 10.1029/2003WR002362)
- W01508** *Jichun Wu, Bill X. Hu, and Changming He*
A numerical method of moments for solute transport in a porous medium with multiscale physical and chemical heterogeneity (DOI 10.1029/2002WR001473)
- W01509** *Michael C. Sukop and Dani Or*
Lattice Boltzmann method for modeling liquid-vapor interface configurations in porous media (DOI 10.1029/2003WR002333)
- W01510** *Roy Haggerty, Charles F. Harvey, Claudius Freiherr von Schwerin, and Lucy C. Meigs*
What controls the apparent timescale of solute mass transfer in aquifers and soils? A comparison of experimental results (DOI 10.1029/2002WR001716)
- W01511** *Lawrence D. Lemke, Linda M. Abriola, and Pierre Goovaerts*
Dense nonaqueous phase liquid (DNAPL) source zone characterization: Influence of hydraulic property correlation on predictions of DNAPL infiltration and entrapment (DOI 10.1029/2003WR001980)
- W01512** *Claire R. Tiedeman and Paul A. Hsieh*
Evaluation of longitudinal dispersivity estimates from simulated forced- and natural-gradient tracer tests in heterogeneous aquifers (DOI 10.1029/2003WR002401)
- W01513** *Ali Fadili and Rachid Ababou*
Dual homogenization of immiscible steady two-phase flows in random porous media (DOI 10.1029/2003WR002465)

(continued on facing page)

(continued from inside back cover)

- W01514** *N. Ursino and T. Gimmi*
Combined effect of heterogeneity, anisotropy and saturation on steady state flow and transport: Structure recognition and numerical simulation (DOI 10.1029/2003WR002180)
- W01515** *Robert Leconte, François Brissette, Martine Galarneau, and Jean Rousselle*
Mapping near-surface soil moisture with RADARSAT-1 synthetic aperture radar data (DOI 10.1029/2003WR002312)
- W01516** *Delphine Patriarche, Jean-Luc Michelot, Emmanuel Ledoux, and Sébastien Savoye*
Diffusion as the main process for mass transport in very low water content argillites: 1. Chloride as a natural tracer for mass transport- Diffusion coefficient and concentration measurements in interstitial water (DOI 10.1029/2003WR002600)
- W01517** *Delphine Patriarche, Emmanuel Ledoux, Jean-Luc Michelot, Régine Simon-Coinçon, and Sébastien Savoye*
Diffusion as the main process for mass transport in very low water content argillites: 2. Fluid flow and mass transport modeling (DOI 10.1029/2003WR002700)
- W01518** *Jiabao Guan and Mustafa M. Aral*
Optimal design of groundwater remediation systems using fuzzy set theory (DOI 10.1029/2003WR002121)
- W01519** *Jens Tronicke, Klaus Holliger, Warren Barrash, and Michael D. Knoll*
Multivariate analysis of cross-hole georadar velocity and attenuation tomograms for aquifer zonation (DOI 10.1029/2003WR002031)
- W01520** *Juraj M. Cunderlik, Taha B. M. J. Ouarda, and Bernard Bobée*
On the objective identification of flood seasons (DOI 10.1029/2003WR002295)

Technical Notes

- W01601** *Edoardo Daly and Amilcare Porporato*
A note on groundwater flow along a hillslope (DOI 10.1029/2003WR002438)
- W01602** *Robert J. Ryan, Aaron I. Packman, and Claire Welty*
Estimation of solute transport and storage parameters in a stream with anthropogenically produced unsteady flow and industrial bromide input (DOI 10.1029/2003WR002458)
- W01603** *Kun Yang, Lizhong Zhu, Baofeng Lou, and Baoliang Chen*
Significance of natural organic matter in nonlinear sorption of 2,4-dichlorophenol onto soils/sediments (DOI 10.1029/2003WR002526)

The list of 2003 Referees and Author Index appear at the end of the issue.

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Surface Water and Climate

- W11101** *Ludovic Oudin, Vazken Andréassian, Charles Perrin, and François Anctil*
Locating the sources of low-pass behavior within rainfall-runoff models (DOI 10.1029/2004WR003291)
- W11102** *Valeriy Y. Ivanov, Enrique R. Vivoni, Rafael L. Bras, and Dara Entekhabi*
Catchment hydrologic response with a fully distributed triangulated irregular network model (DOI 10.1029/2004WR003218)

Hydrogeochemistry and Water Chemistry

- W11201** *Michael Williams, Charles Hopkinson, Edward Rastetter, and Joseph Vallino*
N budgets and aquatic uptake in the Ipswich River basin, northeastern Massachusetts (DOI 10.1029/2004WR003172)
- W11202** *Jasna Jurjovec, David W. Blowes, Carol J. Ptacek, and K. Ulrich Mayer*
Multicomponent reactive transport modeling of acid neutralization reactions in mine tailings (DOI 10.1029/2003WR002233)

Erosion, Sedimentation, and Geomorphology

- W11301** *Noah P. Snyder, David M. Rubin, Charles N. Alpers, Jonathan R. Childs, Jennifer A. Curtis, Lorraine E. Flint, and Scott A. Wright*
Estimating accumulation rates and physical properties of sediment behind a dam: Englebright Lake, Yuba River, northern California (DOI 10.1029/2004WR003279)
- W11302** *Melinda D. Daniels and Bruce L. Rhoads*
Effect of large woody debris configuration on three-dimensional flow structure in two low-energy meander bends at varying stages (DOI 10.1029/2004WR003181)

Water Policy, Economics, and Systems Analysis

- W11401** *Purnamita Dasgupta and Rajib Dasgupta*
Economic value of safe water for the infrastructurally disadvantaged urban household: A case study in Delhi, India (DOI 10.1029/2003WR002461)
- W11402** *Fernando Arbués, Ramón Barberán, and Inmaculada Villanúa*
Price impact on urban residential water demand: A dynamic panel data approach (DOI 10.1029/2004WR003092)

(continued on inside back cover)

(continued from outside back cover)

Subsurface Hydrology

- W11501** *Branko Bijeljic, Ann H. Muggeridge, and Martin J. Blunt*
Pore-scale modeling of longitudinal dispersion (DOI 10.1029/2004WR003567)
- W11502** *Olaf A. Cirpka, Claudius M. Bürger, Wolfgang Nowak, and Michael Finkel*
Uncertainty and data worth analysis for the hydraulic design of funnel-and-gate systems in heterogeneous aquifers (DOI 10.1029/2004WR003352)
- W11503** *Teamrat A. Ghezzehei*
Constraints for flow regimes on smooth fracture surfaces (DOI 10.1029/2004WR003164)
- W11504** *Mashfiq Salehin, Aaron I. Packman, and Matthew Paradis*
Hyporheic exchange with heterogeneous streambeds: Laboratory experiments and modeling (DOI 10.1029/2003WR002567)
- W11505** *Ibrahim M. Khadam and Jagath J. Kaluarachchi*
Use of soft information to describe the relative uncertainty of calibration data in hydrologic models (DOI 10.1029/2003WR002939)
- W11506** *B. Arfib and G. de Marsily*
Modeling the salinity of an inland coastal brackish karstic spring with a conduit-matrix model (DOI 10.1029/2004WR003147)
- W11508** *J. C. Maréchal, B. Dewandel, and K. Subrahmanyam*
Use of hydraulic tests at different scales to characterize fracture network properties in the weathered-fractured layer of a hard rock aquifer (DOI 10.1029/2004WR003137)
- W11509** *Tirusew Asefa, Mariush W. Kemblowski, Gilberto Urroz, Mac McKee, and Abedalrazq Khalil*
Support vectors-based groundwater head observation networks design (DOI 10.1029/2004WR003304)

*See Technical Notes for W11507.

Technical Notes

- W11507** *Nils-Otto Kitterød*
Dupuit-Forchheimer solutions for radial flow with linearly varying hydraulic conductivity or thickness of aquifer (DOI 10.1029/2004WR003115) (This article was inadvertently assigned the wrong subject area designator. It is correctly placed here.)

Data and Analysis Notes

- W11701** *Richard D. Woodsmith, Kellie B. Vache, Jeffrey J. McDonnell, and J. David Helvey*
Entiat Experimental Forest: Catchment-scale runoff data before and after a 1970 wildfire (DOI 10.1029/2004WR003296)

Corrections

- W11901** *Martí Bayer-Raich, Jerker Jarsjö, Rudolf Liedl, Thomas Ptak, and Georg Teutsch*
Correction to "Average contaminant concentration and mass flow in aquifers from time-dependent pumping well data: Analytical framework" by Martí Bayer-Raich et al. (DOI 10.1029/2004WR003729)

An Author Index appears at the end of the issue.

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Volume 41 Number 1 January 2005
WRERAQ (1) W01001-W010021 (2005)
ISSN 0043-1397

- W01001** *Marc B. Parlange, Brian Berkowitz, Amilcare Porporato, Thomas Torgersen, and Scott W. Tyler*
Editorial: Future of Water Resources Research (DOI 10.1029/2004WR003899)
- W01002** *Walter A. Illman and Daniel M. Tartakovsky*
Asymptotic analysis of three-dimensional pressure interference tests: A point source solution (DOI 10.1029/2004WR003431)
- W01003** *Jun-Mo Kim*
Three-dimensional numerical simulation of fully coupled groundwater flow and land deformation in unsaturated true anisotropic aquifers due to groundwater pumping (DOI 10.1029/2003WR002941)
- W01004** *Mahmoud I. Bakr and Adrian P. Butler*
Nonstationary stochastic analysis in well capture zone design using first-order Taylor's series approximation (DOI 10.1029/2004WR003648)
- W01005** *Sean J. Bennett, Fred E. Rhoton, and John A. Dunbar*
Texture, spatial distribution, and rate of reservoir sedimentation within a highly erosive, cultivated watershed: Grenada Lake, Mississippi (DOI 10.1029/2004WR003645)
- W01006** *Mingjie Chen, Dongxiao Zhang, Arturo A. Keller, and Zhiming Lu*
A stochastic analysis of steady state two-phase flow in heterogeneous media (DOI 10.1029/2004WR003412)
- W01007** *John A. Christ, Lawrence D. Lemke, and Linda M. Abriola*
Comparison of two-dimensional and three-dimensional simulations of dense nonaqueous phase liquids (DNAPLs): Migration and entrapment in a nonuniform permeability field (DOI 10.1029/2004WR003239)
- W01008** *Russell S. Crosbie, Philip Binning, and Jetse D. Kalma*
A time series approach to inferring groundwater recharge using the water table fluctuation method (DOI 10.1029/2004WR003077)
- W01009** *Hugo A. Loaiciga*
On the probability of droughts: The compound renewal model (DOI 10.1029/2004WR003075)
- W01010** *Masanori Katsuyama, Nobuhito Ohte, and Naoki Kabeya*
Effects of bedrock permeability on hillslope and riparian groundwater dynamics in a weathered granite catchment (DOI 10.1029/2004WR003275)
- W01011** *Jérôme Demarty, Catherine Otlé, Isabelle Braud, Albert Oliso, Jean Pierre Frangi, Hoshin V. Gupta, and Luis A. Bastidas*
Constraining a physically based Soil-Vegetation-Atmosphere Transfer model with surface water content and thermal infrared brightness temperature measurements using a multiobjective approach (DOI 10.1029/2004WR003695)
- W01012** *Rohit Salve and Timothy J. Kneafsey*
Vapor-phase transport in the near-drift environment at Yucca Mountain (DOI 10.1029/2004WR003373)

(continued on inside back cover)

(continued from outside back cover)

- W01013** *Avner Vengosh, Wolfram Kloppmann, Amer Marei, Yakov Livshitz, Alexis Gutierrez, Mazen Banna, Catherine Guerrot, Irena Pankratov, and Hadas Raanan*
Sources of salinity and boron in the Gaza strip: Natural contaminant flow in the southern Mediterranean coastal aquifer (DOI 10.1029/2004WR003344)
- W01014** *Marci L. Cole, Kevin D. Kroeger, James W. McClelland, and Ivan Valiela*
Macrophytes as indicators of land-derived wastewater: Application of a $\delta^{15}\text{N}$ method in aquatic systems (DOI 10.1029/2004WR003269)
- W01015** *Benjamin J. Andre and Harihar Rajaram*
Dissolution of limestone fractures by cooling waters: Early development of hypogene karst systems (DOI 10.1029/2004WR003331)
- W01016** *Zhiming Lu and Dongxiao Zhang*
Analytical solutions to statistical moments for transient flow in two-dimensional, bounded, randomly heterogeneous media (DOI 10.1029/2004WR003389)
- W01017** *Jasper A. Vrugt, Cees G. H. Diks, Hoshin V. Gupta, Willem Bouten, and Jacobus M. Verstraten*
Improved treatment of uncertainty in hydrologic modeling: Combining the strengths of global optimization and data assimilation (DOI 10.1029/2004WR003059)
- W01018** *Bruce Jacobs and Lynn W. Gelhar*
Effective properties of two-phase flow in heterogeneous aquifers (DOI 10.1029/2004WR003232)
- W01019** *Joseph D. Hughes, Ward E. Sanford, and H. Leonard Vacher*
Numerical simulation of double-diffusive finger convection (DOI 10.1029/2003WR002777)
- W01020** *Lorenz Moosmann, Beat Müller, René Gächter, Alfred Wüest, Ernst Butscher, and Peter Herzog*
Trend-oriented sampling strategy and estimation of soluble reactive phosphorus loads in streams (DOI 10.1029/2004WR003539)
- W01021** *T. J. Sullivan, B. J. Cosby, K. A. Tonnessen, and D. W. Clow*
Surface water acidification responses and critical loads of sulfur and nitrogen deposition in Loch Vale watershed, Colorado (DOI 10.1029/2004WR003414)

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TABLE OF CONTENTS

Human Dimensions

Integrating on-campus wildlife research projects into the wildlife curriculum

*Robert A. McCleery, Roel R. Lopez, Louis A. Harveson, Nova J. Silvy,
and R. Douglas Slack*.....802

Nongame Research and Management

Growth and recovery of the bald eagle population in Oklahoma

M. Alan Jenkins and Steve K. Sberrod.....810

Effects of habitat on small-mammal diversity and abundance in West Virginia

Joseph D. Osbourne, James T. Anderson, and Amy B. Spurgeon.....814

Estimation of density and population size and recommendations for monitoring

trends of Bahama parrots on Great Abaco and Great Inagua

*Frank E. Rivera-Milán, Jaime A. Collazo, Caroline Stabala, Wendy J. Moore,
Ancilleno Davis, Garth Herring, Melanie Steinkamp, Ron Pagliaro,
Jennifer L. Thompson, and Woody Bracey*.....823

Road salts and birds: an assessment of the risk with particular emphasis on winter
finch mortality

Pierre Mineau and Lorna J. Brownlee.....835

Efficacy of translocations for restoring populations of black-tailed prairie dogs

Jo Ann L. D. Dullum, Kerry R. Foresman, and Marc R. Matchett.....842

Habitat Research and Management

Cerulean warbler use of regenerated clearcut and two-age harvests

Petra Bohall Wood, Jeffrey P. Duguay, and Jeffrey V. Nichols.....851

Ponderosa pine restoration and turkey roost site use in northern Arizona

Steven L. Martin, Tad C. Theimer, and Peter Z. Fulé.....859

Influence of wildfire and coyote presence on habitat use by collared peccaries

*Chantal S. O'Brien, Hilary M. Boyd, Paul R. Krausman, Warren B. Ballard,
Stanley C. Cunningham, and James C. deVos, Jr.*.....865

Carnivores

Seasonality and reoccurrence of depredation and wolf control in western North

America

*Marco Mustiani, Tyler Mubly, C. Cormack Gates, Carolyn Callaghan,
Martin E. Smith, and Elisabetta Tosoni*.....876

Causes of wolf depredation increase in Minnesota from 1979-1998

Elizabeth K. Harper, William J. Paul, and L. David Mech.....888

Assessment of scat-detection dog surveys to determine kit fox distribution

Deborah A. Smith, Katherine Ralls, Brian L. Cypher, and Jesús E. Maldonado.....897

Puma responses to close approaches by researchers

Linda L. Sweaner, Kenneth A. Logan, and Maurice G. Hornocker.....905

GPS Technology

Using GPS technology and GIS cluster analyses to estimate kill rates in

wolf-ungulate ecosystems

*Håkan Sand, Barbara Zimmermann, Petter Wabakken, Henrik Andrèn,
and Hans C. Pedersen*.....914

Influence of topography and GPS fix interval on GPS collar performance

James W. Cain III, Paul R. Krausman, Brian D. Jansen, and John R. Morgart.....926

Effect of forest canopy on GPS-based movement data

Nicholas J. DeCesare, John R. Squires, and Jay A. Kolbe.....935

Ungulate Research and Management

Northern Yellowstone elk after wolf restoration

P.J. White and Robert A. Garrott.....942

Precipitation, density, and population dynamics of desert bighorn sheep on

San Andres National Wildlife Refuge, New Mexico

Louis C. Bender and Mara E. Weisenberger.....956

(cont.)

Editorial Panel

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Editor contact: Dr. Warren B. Ballard,
Editor, *Wildlife Society Bulletin*, Dept. of
Range, Wildlife, and Fisheries Management,
Texas Tech University, Box 42125, Lubbock,
TX 79409-2125. Phone: (806) 742-4885. E-
mail: Editor-WSB@rtu.edu

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Monitoring reproductive steroids in feces of Arabian oryx: toward a non-invasive method to predict reproductive status in the wild
Stéphane Ostrowski, Caroline Blanvillain, Pascal Mésobrina, Khairi Ismail, and Franz Schwarzenberger.....965

Factors affecting harvest-reporting rates for white-tailed deer
Howard J. Kilpatrick, Andrew M. LaBonte, and John S. Barclay.....974

Waterfowl

Agronomic implications of waterfowl management in Mississippi ricefields
Scott W. Manley, Richard M. Kaminski, Kenneth J. Reinecke, and Patrick D. Gerard.....981

Effects of spinning-wing decoys on flock behavior and hunting vulnerability of mallards in Minnesota
Michael L. Szymanski and Alan D. Afton.....993

Regional differences and long-term trends in lead exposure in mottled ducks
M. Todd Merendino, David S. Lobpries, Jim E. Neaville, J. Dale Ortega, and William P. Johnson.....1002

Techniques

The use of total body electrical conductivity (TOBEC) to predict lean and lipid mass in woodrats
Michael V. Snyder, Diane M. Post, and Elmer J. Flink.....1009

Comparative effectiveness of Longworth and Sherman live traps
Nicola M. Anthony, Christine A. Ribic, Richard Bautz, and Theodore Garland, Jr......1018

Verification of sex from harvested sea otters using DNA testing
Kim T. Scribner, Ben A. Green, Carol Gorbics, and Jim Bodkin.....1027

Effective subcutaneous radiotransmitter implantation into the furcular cavity of chukars
Pamela Paasché O'Hearn, L. Michael Romero, Rena Carlson, and David J. Delebanty.....1033

Post-precipitation bias in band-tailed pigeon surveys conducted at mineral sites
Cory T. Overton, Richard A. Schmitz, and Michael L. Casazza.....1047

Upland Game

Husbandry of wild-caught greater sage-grouse
Paul Oesterte, Robert McLean, Michael Dunbar, and Larry Clark.....1055

Pre-incubation movements of female wild turkeys relative to nest initiation in South Dakota
Chad P. Lehman, Lester D. Flake, Mark A. Rumble, Roger D. Shields, and Dan J. Thompson.....1062

Influence of precipitation on demographics of northern bobwhites in southern Texas
Fidel Hernández, Froylán Hernández, Juan A. Arredondo, Fred C. Bryant, Leonard A. Brennan, and Ralph L. Bingham.....1071

Lesser prairie-chicken brood habitat in sand sagebrush: invertebrate biomass and vegetation
Christian A. Hagen, G. Curran Salter, James C. Pitman, Robert J. Robel, and Roger D. Applegate.....1080

Physiological effects of radiotransmitters on mourning doves
John H. Schult, Joshua J. Millspaugh, Brian E. Washburn, Alex J. Bermudez, James L. Tomlinson, Tony W. Mong, and Zhuoqing He.....1092

Bat Research and Management

Behavioral responses of bats to gates at caves and mines
Genevieve R. Spanjer and M. Brock Fenton.....1101

Influence of investigator disturbance and temporal variation on surveys of bats roosting under bridges
Francesca J. Ferrara and Paul L. Leberg.....1113

Tree roost selection by bats: an empirical synthesis using meta-analysis
Matina C. Kalcountis-Rüppell, Jennifer M. Psyllakis, and R. Mark Brigham.....1123

Departments

Editorial, by Warren Ballard, Editor-in-Chief.....801

Policy News, by Laura M. Bies.....1133

In My Opinion:

Grouching and grazing on national grasslands
John G. Sidle.....1139

From the Field:

Implementing recovery of the red wolf—integrating research scientists and managers

Michael K. Stoskopf, Karen Beck, Bud B. Fazio, Todd K. Fuller, Eric M. Gese, Brian T. Kelly, Frederick E. Knowlton, Dennis L. Murray, William Waddell, and Lisette Waits..... 1145

Capturing beavers in box traps

Kiana Koenen, Stephen DeStefano, Cbrisie Henner, and Traci Beroldi..... 1153

Use of drift fences to capture Lower Keys marsh rabbits

Craig A. Faulhaber, Nova J. Silvy, Roel R. Lopez, Brad A. Porter, Philip A. Frank, and Markus J. Peterson..... 1160

Capture of white-tailed deer fawns using thermal imaging technology

Stephen S. Ditchkoff, Joshua B. Raglin, Jordan M. Smith, and Bret A. Collier..... 1164

A comparison of survey techniques for swift fox pups

Brady K. McGee, Matthew J. Butler, Mark C. Wallace, Warren B. Ballard, and Kerry L. Nicholson..... 1169

Stouffer® wildlife timers as an index of vertebrate activity periods in a tropical forest

Lon I. Grassman, Jr., Aaron M. Haines, Michael E. Tewes, and Nova J. Silvy..... 1174

Carbofuran detected on weathered raptor carcass feet

Nimish B. Vyas, James W. Spann, Craig S. Hulse, Sabra Olson, and Wayne Bauer..... 1178

Book Reviews:

Mammals of North America

Review by Donald W. Kaufman, Dawn M. Kaufman, and Glennis A. Kaufman... 1183

The exotic amphibians and reptiles of Florida

Endangered and threatened animals of Florida and their habitats

Reviews by Gad Perry..... 1184

Amphibians and reptiles of Trinidad and Tobago

The snakes of Trinidad and Tobago

Reviews by Gad Perry and Adrian Hailey..... 1186

Wildlife Tourism: impacts, management, and planning

Review by Tracy S. Carter..... 1188

Biology and Conservation of Wild Canids

Review by Kerry L. Nicholson..... 1189

Front Cover: Arabian oryx. Photo by Stephane Ostrowski

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Michael Hutchins
Executive Director
Laura M. Bies
Wildlife Policy Director (Acting)
William R. (Bill) Rooney
Managing Editor
5410 Grosvenor Lane, Suite 200
Bethesda, MD 20814-2144
(301) 897-9770
Fax: (301) 530-2471
E-mail: tws@wildlife.org
Website: <http://www.wildlife.org>

Sandra Staples-Bortner
Program Director
18214 NE 125th Way
Brush Prairie, WA 98606
(360) 253-4611

Richard A. Lancia
President

Fisheries and Wildlife Program, Box 7646
North Carolina State University
Raleigh, NC 27695-7646

Robert D. Brown
President-Elect

Department of Wildlife and Fisheries
Sciences, 210 Nagle Hall
Texas A&M University
College Station, TX 77843-2258

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USFWS

300 Westgate Center Drive
Hadley, MA 01035

*The Journal of
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Michael L. Morrison, Editor
Wildlife & Fisheries Sciences
210 Nagle Hall
Texas A&M University
College Station, TX 77843
E-mail: m/morrison@ag.tamu.edu

Wildlife Society Bulletin

Warren B. Ballard, Jr., Editor-in-Chief
Texas Tech University
Dept. of Range, Wildlife,
and Fisheries Management
Box 42125
Lubbock, TX 79409-2125
(806) 742-4885
Fax: (806) 742-2280
E-mail: Editor-WSB@ttu.edu

Wildlife Monographs

Paul R. Krausman, Editor
School of Renewable Natural Resources
235 Biological Sciences E. Bldg.
University of Arizona
Tucson, AZ 85721
(520) 621-3845
E-mail: Krausman@ag.arizona.edu