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Coal Age

FEATURE ARTICLES

- 22 Building a Coal Terminal on the West Coast
- 26 Shedding Its Skin: ICG's Illinois Viper Mine Prepares for the Next 25 Years
Viper constructs a new slope and creates a virtually brand new mine
- 32 Coal Handling Systems Push the Envelope
Coal operators rely on outside experts to engineer systems to support the mine's future needs
- 36 An Effective Technique Provides Nitrogen for Mine Inerting
- 42 Flanders Electric Goes Head-to-Head with Electrical Engineers

COAL IN THE NEWS

- 6 Rosebud breaks ground for Vail mine in Ohio
- 6 MSHA puts 13 mines on notice for potential POV
- 7 MSHA asks for preliminary injunction against Freedom Energy Mining
- 8 Peabody Energy is high bidder for huge tract of land in Kentucky
- 10 Dotiki mine not negligent
- 10 Ohio state agencies tabulating bill for cleanup costs after slurry spill
- 14 MSHA announces results of impact inspections
- 16 Indiana Gasification says it's making headway in bid to build coal gasification plant
- 16 Virginia mines, minerals and energy information available through new Internet portal
- 18 Power Holdings of Illinois renegotiating long-term gas contracts

WORLD NEWS

- 7 NWR makes all-cash offer for Poland's Bogdanka
Bandanna secures Australian port allocation
Rains hampers Colombian production
- 8 South Africa's Optimum Coal provides performance update
Ukraine & China Development Bank sign coal agreement
- 10 China, Mongolia to build new highway for coal transport
Xstrata third quarter coal production update

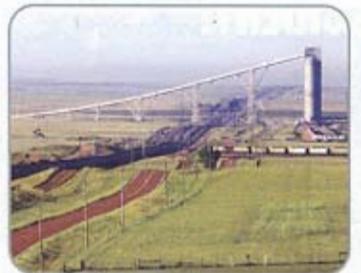
NEWS/6



MINE OPERATIONS/26



CONVEYOR ENGINEERING/32



SUPPLIERS NEWS/44



THIS ISSUE

This month, Coal Age looks at several interesting conveyor-related projects. On the cover, ICG's Viper mine (Photo: Lee Buchsbaum). Viper has invested heavily in its infrastructure preparing it for the next 25 years.

DEPARTMENTS

- 4 Editorial
- 6 Coal in the News
- 7 World News
- 12 Dateline Washington
- 14 People
- 16 Calendar
- 18 Letters to the Editor
- 20 Awards
- 22 Transport Tips
- 42 Operating Ideas
- 44 Suppliers News
- 48 Product News
- 53 Classified
- 56 Legally Speaking

RECEIVED

2010 DEC 20 PM 2:13

COVER STORY

DENVER, COLORADO

Nuclear Rebirth

30 Dept. of Energy financing and a rise in natural-gas prices have sparked a second life for the U.S. nuclear power industry. But can it keep pace with the world?

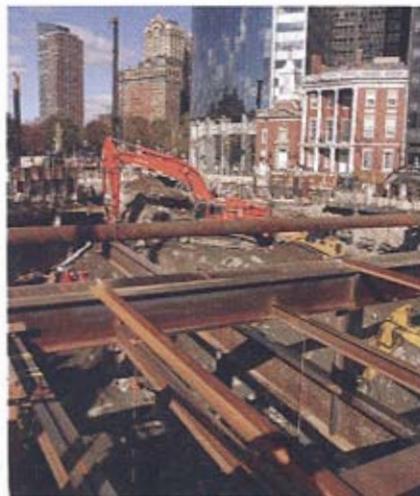
Cover photo courtesy of Southern Co.; photo right courtesy of The Shaw Group.



NEWS

Business & Economics

10 **Legal:** Schiavone agrees to \$22.4-million settlement



Contractor settles New York MBE claim. Page 10

13 **People:** Ironworkers' President Joe Hunt steps down; Wise succeeds

Power & Industrial

11 **Alternative Energy:** SCE's \$875-million solar initiative moving forward

Transportation

13 **Transmission:** BC Hydro spends \$200 million to upgrade Vancouver system
15 **Materials:** Rail project raises questions about use of concrete ties

Buildings

12 **Investigations:** Report points to connections in fatal garage-panel event
16 **Sports:** Dallas names design team for U.S. Grand Prix track



Faulty facade panels to be removed. Page 12

DEPARTMENTS

- 4 Online
- 7 Construction Week
- 9 Washington Observer
- 19 Construction Economics
- 38 Equipment Tracks & Trends
- 40 Products
- 43 Pulse
- 45 Official Proposals (cont. on p. 46)
- 48 Viewpoint



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ADDITIONAL CONTENT ONLINE

UPCOMING ISSUES

- Dec. 13 Web News and Updates
- Dec. 20 Abu Dhabi Airport
- Dec. 27 4th Quarterly Cost Report
- Jan. 3 Web News and Update

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December 20, 2010

Contents

Volume 265 • Number 17

COVER STORY

Abu Dhabi Ambition

90 Collaborating with the West, an emirate's plans for a sustainable economy hinges on airport, road and transit expansions

Cover and right photo courtesy of Parsons & Charles Crowell



NEWS

Environment

58 Green Infrastructure: Philly goes au naturel with green sewers

Transportation

- 59 Transportation: LaHood reallocates Ohio, Wisconsin rail funds to 14 states
61 Bridges: Kansas City corridor rehab nears an early completion
64 Logistics: Oil-sands equipment modules stranded in transit in Idaho

Buildings

- 60 Buildings: Another Vegas complex opens amid diminished expectations
62 Seismic Design: Earthquake-resistance index aims to help Haitian buildings
63 Green Building: Federal agencies continue to support LEED certification

Business and Economics

61 Legal: Subs seek payment protection

UPCOMING ISSUES

- Dec. 27 Quarterly Cost Report
Jan. 3 Web News and Updates
Jan. 10 Photo Contest Winners
Jan. 24 2010 Best of the Best

62 Business: Iowa ready-mix CEO fixed prices

Technology

65 Technology: Nanomaterial research may lead to safer site monitoring

SOURCEBOOK

Overview

6 Global construction market still soft, but there are bright spots

General Building

38 Firms say world market is thawing, albeit slowly

Transportation

41 Asia bright light in otherwise dim sector

Power

44 Growing demand fuels worldwide boom

Environment

47 Global expansions yield opportunities for firms

Petroleum

50 Firms upbeat about overseas market uptick

Manufacturing/Telecommunications

52 Market showing first signs of recovery

DEPARTMENTS

- 4 Online
55 Construction Week
57 Washington Observer
69 Construction Economics
66 People
85 Equipment Tracks & Trends
98 Products
99 Pulse
108 Official Proposals (cont. on pp. 109-110)
112 Viewpoint



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p. 1 of 2

FEATURES

26 CAP & FADE
Northeastern states have developed an efficient way to reduce greenhouse gases. So why isn't everyone doing it?
By John Buntin

32 267 YEARS AND COUNTING
The town hall meeting is alive and well in Pelham, Mass.
By Tod Newcombe
Photographs by David Kidd

38 SELLING OUT
Outsourcing may seem like a perfect solution for deficit-plagued governments, but the morning after can bring some unpleasant surprises.
By Russell Nichols

42 DATA LOCKDOWN
Are states shoring up their defenses enough to protect critical data and computer infrastructure?
By Tod Newcombe

The second floor of the 267-year-old Town Hall in Pelham, Mass., where town meetings remain a strong and lively tradition.

- 4 In This Issue
- 6 Letters
- 8 Dispatch
State and local officials are thinking pragmatically this holiday season.

POLITICS + POLICY

- 11 Observer
Does holding elections on a workday contribute to low voter turnout?
- 15 Ballot Box
If a presidential election results in a tie in the Electoral College, the election is then thrown into a GOP-controlled House.
- 16 Potomac Chronicle
Governors who campaigned against stimulus spending face hard choices.
- 18 At Issue
Legislators face opposition in passing school bus seat belt laws, but support is growing.
- 20 Health
Two states exempt their kids from vaccinations—but pertussis is rampant in only one.
- 22 Green Government
The federal weatherization program was bogged down in red tape, but it's recovering.
- 24 Economic Engines
Bicycling has become fashionable. Urban and transportation policymakers take note.
- 25 Urban Notebook
Cities are using new grant money to install "chief volunteer officers."



PROBLEM SOLVER

- 48 Florida's Foreclosure Fixer-Upper
Miami-Dade County is keeping its neighborhoods fit despite the default-mortgage mess.
- 50 Smart Management
Deep managerial workforce cuts change how tightly and rightly governments run.
- 52 Idea Center
To reduce the cost of maintaining a 26,000-vehicle fleet, some New York City workers will participate in a car-sharing pilot program.
- 54 Tech Talk
A U.S. Defense official leads the charge for a less restrictive, more effective approach to information security.
- 55 Public Money
Health-care reform equals more people with insurance. Does that really mean lower costs?
- 56 Player
Susana Martinez's win in New Mexico's gubernatorial election means she'll be the nation's first Latina governor.



8



Contents

DECEMBER 2010 VOL. 42 NO. 14



26

FEATURES

Wasteland 16

Decades of poor management at the Energy Department threatens public health and national security.

By Katherine McIntire Peters

Dividing the Pie 26

Contractors may find federal procurement opportunities less filling in 2011.

By Robert Brodsky

TRENDS

The Buck Stops Here 11

Homeland Security's Kenneth Buck wants to take management to a new level.

Upping the Ante 15

Agencies put more labor issues on the table, but unions see little change.

By Emily Long

ANALYSIS

Cybersecurity's Moon Shot 35

Managing Technology NASA is leading the way with a mandate to manage computer risks in real time.

By Aliya Sternstein

Balancing Risk 38

Management Matters Contractors shouldn't bear the burden of cost overruns alone.

By Elizabeth Newell

It's Time for e-Sputnik 42

Viewpoint Lessons from the space race would go a long way in shoring up today's cyber defenses.

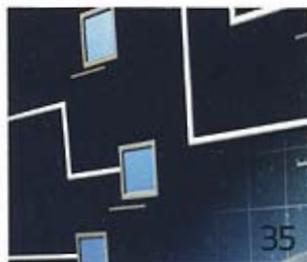
By Patrick Gorman



15



38



35

IN EVERY ISSUE

Editor's Notebook 4

Governing in an era of extreme anti-government rhetoric.

By Tom Shoop

The Briefing 7

Soldiers take up their pens, discounts for feds and making math cool.

Perspectives 44

Deservedly or not, government is the scapegoat for the poor economy.

By Timothy B. Clark

CLOCKWISE FROM TOP: JON KRAUSE; JAMES KEGLEY; GETTY IMAGES; RANDY LYTHUS

PHOTOGRAPH BY JEFF T. GREEN/GETTY IMAGES

Information Security Journal: A Global Perspective

Volume 19 ■ Issue 5 ■ 2010

- 237
SSH-Based Device Identity and Trust Initialization
Jin Peng and Xin Zhou
- 243
Hardware Design and Implementation of *ElGamal* Public-Key Cryptography Algorithm
Lo'ai A. Tawalbeh and Saadeh Sweidan
- 253
Information Assurance Metric for Assessing NIST's Monitoring Step in the Risk Management Framework
Wendy W. Ting and David R. Comings
- 263
A Flow Monitoring Scheme to Defend Reduction-of-Quality (RoQ) Attacks in Mobile Ad-hoc Networks
S. A. Arunmozhi and Y. Venkatasubramani
- 273
Data Hiding in Audio Using Random Orthogonal Matrices
Jyotsna Singh, Parul Garg, and Alok Nath De
- 282
Security Concerns in IPv6 and Transition Networks
John M. Chasler

CONTENTS

Editor's page <i>Raj K. Singhal</i>	283
Book reviews	284
Developing rehabilitation design for the abandoned mine excavations in Central Sardinia, Italy <i>S. Fadda, M. Fiori and C. Matzuzzi</i>	286
The stability graph after three decades in use: Experiences and the way forward <i>Fidelis Tawiah Suorineni</i>	307
Mine expansion decisions under uncertainty <i>S.A. Abdel Sabour and R. Poulin</i>	340
Estimating hydrocompression potential of mine spoils from a site in eastern Kentucky using dry unit weight and moisture content <i>Michael E. Kalinski, Wayne A. Karem and Lauren M. Little</i>	350
Grey relation projection model for evaluating permafrost environment in the Muli coal mining area, China <i>Wei Cao, Yu Sheng, Yinghong Qin, Jing Li and Jichun Wu</i>	363

TABLE OF CONTENTS

TECHNICAL PAPERS

Most Influential Parameters for the Bed-Load Sediment Flux Equations Used in Alluvial Rivers
 - *Saeed Khorram and Mustafa Ergil* 1065

A Sensitivity Analysis of Total-Load Prediction Parameters in Standard Sediment Transport Equations
 - *Saeed Khorram and Mustafa Ergil* 1091

Analytical Solutions to the Linearized Boussinesq Equation for Assessing the Effects of Recharge on Aquifer Discharge
 - *Kevin G. Boggs, Robert W. Van Kirk, Gary S. Johnson, Jerry P. Fairley, and P. Steve Porter* 1116

Valuing Improvements in the Water Rights System in South Africa: A Contingent Ranking Approach
 - *Stijn Speelman, Stefano Farolfi, Aymen Frija, and Guido Van Huylenbroeck* 1133

A Field-Based Evaluation of Wet Retention Ponds: How Effective Are Ponds at Water Quantity Control?
 - *Gregory S. Hancock, Jonathan W. Holley, and Randolph M. Chambers* 1145

Impact of 20 Years of Land-Cover Change on the Hydrology of Streams in the Southeastern United States
 - *James F. Cruise, Charles A. Laymon, and Osama Z. Al-Hamdan* 1159

Inferring Hydrograph Components from Rainfall and Streamflow Records Using a Kriging Method-Based Linear Cascade Reservoir Model
 - *Shin-jen Cheng* 1171

Sediment Source Assessment in a Lowland Watershed Using Nitrogen Stable Isotopes
 - *James F. Fox, Charles M. Davis, and Darren K. Martin* 1192

Implementing Landscape Water Conservation in Public School Institutional Settings: A Case for Situational Problem Solving
 - *Douglas C. Kilgren, Joanna Endter-Wada, Roger K. Kjelgren, and Paul G. Johnson* 1205

Heterogeneity of Hydrologic Response in Urban Watersheds
 - *Katherine L. Meierdiercks, James A. Smith, Mary Lynn Baeck, and Andrew J. Miller* 1221

Costs of Arsenic Treatment for Potable Water in California and Comparison to U.S. Environmental Protection Agency Affordability Metrics
 - *Elizabeth J. Hilkert Colby, Thomas M. Young, Peter G. Green, and Jeannie L. Darby* 1238

Comparison of Measured and MM5 Modeled Meteorology Data for Simulating Flow in a Mountain Watershed
 - *Joel W. Herr, Krish Vijayaraghavan, and Eladio Knipping* 1255

ERRATUM

Erratum - "Mini Review: Probes for Detecting *Prymnesium Parvum* and Preliminary Results from Gene Expression Studies"
 - *Linda K. Medlin, Sonja Diercks, and Sara Beszteri* 1264

Title Index to Volume 46 - 2010 1265

Author Index to Volume 46 - 2010 1273

Cover photo. Seattle from the Ferry. Photo by Ken Lanfear.

Land and Water

THE MAGAZINE OF NATURAL RESOURCE MANAGEMENT AND RESTORATION

Volume 54, Number 5

September/October 2010

DEPARTMENTS

- 6 Tell It Like It Is
7 Products & Services
- 53 EquipBoard
54 Advertisers Index

FEATURES

STREAMBANK STABILIZATION

8 A Permanent and Green Solution

Ten years ago members could step across Rock Creek as it flowed through their golf course in Iowa, but severe erosion had widened the stream channel to more than 20 feet in some areas.

by Jennifer Welch, CPESC

HABITAT RESTORATION

14 North Wind's Weir Intertidal Restoration Project

Identified as critically important to the recovery of depleted salmon populations, a "transition zone" was created in the Duwamish waterway in Puget Sound, Washington. Using an isolation dam allowed work in-stream to remove contaminated material while protecting adjacent marshes.

by Jon Horvath

WETLANDS

20 A Match Made In Heaven

In a win-win situation, the City of Milford, Connecticut and the local power company collaborated in a project resulting in restored wetlands, flood protection, better power distribution and a more diverse city park.

by Gary Sarge

36 Hydrologic Restoration On Florida's State Forests

The Florida Division of Forestry's Wetland Restoration Program recognizes the significant role of healthy wetlands in protecting water quality and quantity.

SOIL AMENDMENTS

25 How Do I Know If My Soils Need Amended?

An agronomic soil analysis can help get your planting project off to a good start by determining if there are imbalances in your soils and how to correct them.

ABOUT THE COVER

New wetlands in Milford, Connecticut's Eisenhower Park have restored the native ecology and hydrology of this 330-acre public space. Wildlife has been drawn to the area, to the point that deer fencing was necessary to protect the wetland vegetation. For the full story, see page 20.



STORMWATER MANAGEMENT

26 Green Pavements Taking Stormwater Runoff by Storm

Responding to the high interest by the public to integrate green-building concepts into their businesses and lives, the porous pavement industry has doubled in the last 10 years.

by William Mondos, PE and Patricia Steiner

GEOMEMBRANES

32 Training and Certification

To encourage the performance of of geomembrane liner integrity surveys (LIS) in a proper manner, T-CLIC was formed and a training program was developed.

PONDS

40 Building a Pond on a Budget

If you take the time to do some planning, building a pond on a budget can become a reality.

by Bob Lusk

DAM REHABILITATION

45 Historic San Pablo Dam

Using cement deep-soil mixing (COSM) on a challenging seismic retrofit of a California dam saved millions of dollars in construction costs and avoided significant environmental impacts.

by Glen Gorski

LAND IMPROVEMENT

49 You Get Out What You Put In!

When Ray Miller of Dundee, Ohio, isn't running his excavating business, he is in search of old iron.

by Shanna M. Egl

WATER QUALITY

52 Lake Erie Is Still Sick

Following a year of research, the Nearshore and Offshore Lake Erie Nutrient Study (NOLENS) concluded that Lake Erie still isn't healthy.

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Volume 54, Number 6

November/December 2010

DEPARTMENTS

- | | |
|-----------------------|-----------------------|
| 6 Tell It Like It Is | 69 Equip-Board |
| 7 Products & Services | 70 Advertiser's Index |

FEATURES

STREAM RESTORATION

8 Stack 'Em High

Extreme soil lifts solve extreme erosion on an urban creek in Pennsauken Township, New Jersey.

by Jack Broughton

SOIL AMENDMENTS

15 Steamboat Ski Resort's Base Area Regrade and Revegetation Project

Reshaping and regrading the lower part of Steamboat Ski Resort's mountain in Colorado, a total of 25 acres, without removing or adding any soil

by Lee Johnson CPESC, Ron Whiteman and Frank Case

WASTEWATER TREATMENT

21 Wine Into Water

A progressive winery in the Paso Robles Wine Region, California, turns wastewater into environmental benefits.

by Richard Davis

GEOSYNTHETICS

26 What's Old is New: Geosynthetics and Renewable Energy

From geomembranes used in methane-harvesting landfill caps to geotextiles bags for off-shore wind farm scour protection, geosynthetics are furthering the growth of alternative energy sectors.

by Chris Kelsey

PONDS

31 Most Common Mistakes in Pond Building

There is a list of mistakes people make once they decide to build a pond.

by Bob Lusk

SHORELINE RESTORATION

35 Dealing With The Unexpected

Hurricane-like storms cause severe damage to beach in Queens, New York.

by LaDonna Davis

ABOUT THE COVER

A model of sustainability... Niner Wine Estates in Paso Robles, California uses sub-surface aeration to reduce their wastewater treatment liabilities. Featuring low energy, quiet, and odorless treatment, the system benefits the owner, neighbors and the environment. For the full story, see page 21.



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HYDROSEEDING

38 There Once Was a Hydroseeder from Nantucket...

Tough climate conditions bring new challenges for Nantucket, Massachusetts contractor.

by Bryce Goodell

HABITAT RESTORATION

41 North Wind's Weir Intertidal Restoration Project

Part II of the restoration of the Duwamish waterway in Puget Sound, Washington.

by Jan Hansen

LAND IMPROVEMENT

46 Floodplains and Wetlands Benefit from NRCS Funds

Although many of the Recovery and Reinvestment Act projects are less visible, they still play an important role benefiting us economically and environmentally.

by Judy Christensen

BUYER'S GUIDE

50 Buyer's Guide

Land and Water presents it's nineteenth Buyers Guide, the most comprehensive erosion control and water management product directory in the industry of natural resource management. Company listings begin on page 50, and classifications begin on page 62. Companies show in bold or with a logo are advertisers in this issue.

Mining engineering

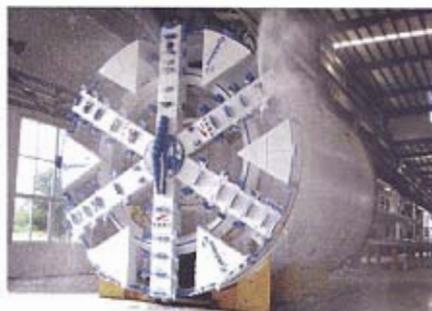
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DECEMBER 2010
VOL. 62 NO. 12



Feature Articles

- p. 1 of 2
- 27 All 33 miners rescued; Multinational effort frees miners after 69 days**
William Gleason
 - 31 Opencut coal mining; History and future of highwall mining**
Pieter-Jan Kleiterp
 - 36 Northern Ontario; A hotbed of mining activity**
William Gleason
 - 39 Lime's effect on equipment; Disruptions can come without proper care**
Todd Loudin
 - 42 National Mining Hall of Fame and Museum welcomes four to the Class of 2010**
William Gleason



Special Editorial Section Tunneling & Underground Construction

- 36 Integration of operations and underground construction: Sound Transit University Link**
John Sleavin, Peter Raleigh, Samuel Swartz, Phaidra Campbell
- 42 2010 permeation test results for grouts made with ultrafine cement**
Raymond W. Henn, Jacob Prezkuta
- 47 How to deliver your project on time**
Wayne Green



Technical Papers (peer-reviewed and approved)

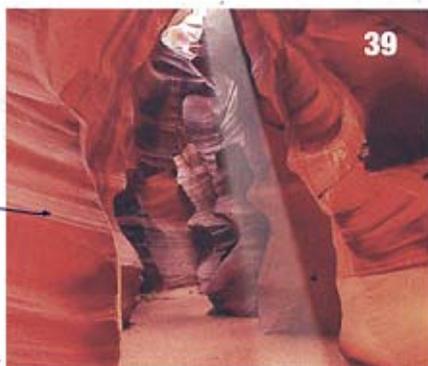
- 44 Haul truck fuel consumption and CO₂ emission under various engine load conditions**
V. Kecojevic and D. Komljenovic
- 49 Potential of roof screen to reduce workers' compensation costs**
S.M. Moore, J. Pollard, S.K. Bhatt and C. Mark

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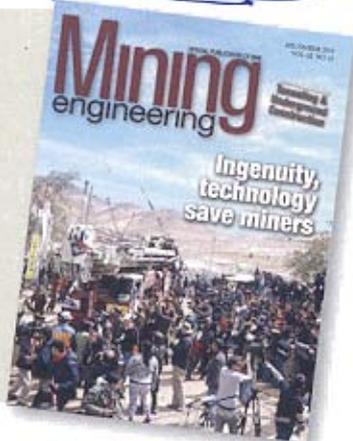
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DECEMBER 2010
VOL. 62 NO. 12



SME News

- 55 SME Foundation
- 56 Environmental Division news
- 57 In the aggregate
- 58 Rock in the box
- 60 Young Leaders
- 61 AIME
- 61 Membership
- 62 Local sections



Departments

- 6 President's page
- 8 Politics of mining
- 10 Industry newswatch
- 64 New products
- 66 Coming events
- 68 Web directory
- 69 Classifieds
- 73 Professional services
- 79 Index of advertisers
- 80 Drift of things
- 82 2010 Mining Engineering index

Cover Story

For 69 days, 33 miners at the San José copper and gold mine in Chile waited as rescuers on the surface devised a strategy for bringing them out. This first-of-a-kind rescue attempt involved a multinational group of experts and a high level of technology. William Gleason examines the technology and ingenuity involved in the rescue beginning on page 27. Highwall mining is a method of extracting coal in opencut, trench and contour mining. Since its origination in the Appalachian region in the 1940s, the design of highwall miners has improved, making this extraction method more popular, page 31. The Sudbury, Timmins, North Bay and Thunder Bay regions of northern Ontario have become the place for mining industry suppliers. More than 500 companies employing nearly 23,000 people are located there, page 37.



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MAGAZINE

A Voice For Western Mining Since 1938

July 2010

Cover Story: Goldcorp's Peñasquito: A great mine in the making 3

Mining in the West 6

Production starts early at Coeur's Kensington gold mine • Rio Tinto to invest \$469 million to develop Kennecott Eagle nickel/copper mine in Michigan's UP • Exploration at Revett's Troy mine in Montana called encouraging • American Lithium gets start at Borate Hills project in Nevada • Drilling gets under way at Kilgore gold project in Idaho • Pumpkin Hollow results show deposit remains open • Formation has deal to get power to its Idaho cobalt project • Franconia says drilling extends its Birch Lake polymetallic deposit in Minnesota • Duluth Metals hits high-grade intercept at Nokomis Central • Aquila hits high-grade gold and zinc at Back Forty project in Michigan • Harvest Gold extending its drilling program at Rosebud in Nevada • Allied Nevada hits more high-grade gold at Hycroft in Nevada • Animas Resources files resource estimate for Golden Arrow project in Nevada

Energy 12

Court refuses to halt Denison's uranium mine in northern Arizona • URI takes another step in court to clear confusion over its Churchrock mine in New Mexico • \$600+ billion is needed to upgrade worldwide transmission projects • Mesa Uranium gets drill permits for Moonshine Springs project in Arizona • Xcel operating first solar-coal hybrid power plant • Strathmore reports on its uranium resources at Marquez in New Mexico • Titan Uranium starts permitting at Sheep Mountain in Wyoming

Governments and Mining 14

Trade group lauds Sen. Murkowski for action on rare earths • NMA concerned about suspension of coal permits in Appalachia

Environment 15

Kennecott finds a place for protesters at Eagle mine site • General Moly moves ahead on permitting its Mt. Hope project in Nevada • Goldcorp starts to deal with report at Marlin mine in Guatemala • Polymet outlines path to permitting Minnesota mine

The Business of Mining 17

Gammon to acquire more property at its Ocampo mine in Chihuahua • Quadra FNX deal in Chile doesn't work out • China National to get Kensington concentrates • Entree gets okay for merger with PacMag • Capital Gold named to Russell 3000

Commentary, 2; Ad Index, 6; Latin America, 8, 9; World, 10; Companies and Markets, 17; Miners in the News, 19, 20; Directory, 22; Safety, Health & Labor, 23; Low Grade, 24

On the Cover

With two processing lines now running, Goldcorp Inc. is calling its Peñasquito gold mine in Zacatecas "one of the world's largest new mines." It was sufficiently important to the nation's economy that Mexico's President Felipe Calderón showed up in March for its dedication. It soon will be Mexico's largest gold producer.

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MAGAZINE

A Voice For Western Mining Since 1938

August 2010

Cover Story: Southern Copper investing in Peru and Mexico **3**

Mining in the West **5**

Chemetal Foote expanding lithium production at Silver Peak, Nevada • Formation drilling untested area to optimize mine design, assess presence of rare earths • Ucore starts drilling for rare earths in southeast Alaska • Coronado ships gold, from Madison in Montana, finds more mineralization

Energy **10**

Strathmore to review alternatives at its Church Rock uranium project in New Mexico • URI plans Churchrock production by early 2013 • Firm commissions its first coal-upgrading plant in North Dakota • Firm gets DOE grant for clean-coal and carbon-capture project at coal-fired power plant • UEC gets technical report for Salvo uranium site in Texas

Governments and Mining **12**

NMA applauds bill on carbon capture and sequestration technology • NMA files suit on coal-permit moratorium in Central Appalachia

The Business of Mining **13**

Barrick's cash flow exceeds \$2 billion in first half • Newmont net almost doubles, despite problems at mines • Increased gold production gives Goldcorp record cash flow in second quarter • FCX looking at \$5 billion in cash flow during 2010; records \$2.9 billion of it in the first half • Southern Copper gets boost from higher prices, more moly production • Higher PGM prices help Stillwater's net income results • Peabody sees better numbers in second quarter, with Australia a major contributor • Arch Coal moves from loss to profit as coal markets improve

Commentary, 2; Mining in the West, 5; Latin America, 6; Ad Index, 6; Canada, 7; World, 8; Western Briefs, 9; Business Briefs, 18; Directory, 22; Safety, Health & Labor, 23; Low Grade, 24

On the Cover

Southern Copper has started investing heavily in creating more value from its four existing mines in Sonora and in southern Peru. Photos on the cover, taken from the company's website, show: clockwise from top left, truck loading at the Cuajone mine in Peru; SX/EW and concentrator plants at Toquepala in Peru; the La Caridad openpit mine at Nacozari, Sonora, Mexico, with blast-hole drilling in foreground; and the concentrator stacker and tailings thickener at Cananea, also in Sonora. The major announcement of funding the various projects waited until Southern Copper had final court decision allowing it to recover the world-class ore body at Cananea from strikers who had occupied it for the past two years.

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Rangeland Ecology & Management

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NUMBER 6

NOVEMBER 2010

Table of Contents

Forum

- 605 Applying Ecologically Based Invasive-Plant Management
R. Sheley, J. James, B. Smith, and E. Vasquez

Research Papers

- 614 Hydrologic Vulnerability of Sagebrush Steppe Following Pinyon and Juniper Encroachment
Frederick B. Pierson, C. Jason Williams, Patrick R. Kormos, Stuart P. Hardegree, Patrick E. Clark, and Benjamin M. Rau
- 630 Estimating Juniper Cover From National Agriculture Imagery Program (NAIP) Imagery and Evaluating Relationships Between Potential Cover and Environmental Variables
Kirk W. Davies, Steven L. Petersen, Dustin D. Johnson, D. Bracken Davis, Matthew D. Madsen, Daniel L. Zvirzdin, and Jon D. Bates
- 638 Tallgrass Prairie Plant Community Dynamics Along a Canopy Cover Gradient of Eastern Redcedar (*Juniperus virginiana* L.)
Ryan F. Limb, David M. Engle, Aaron L. Alford, and Eric C. Hellgren
- 645 Perceptions of Landowners Concerning Conservation, Grazing, Fire, and Eastern Redcedar Management in Tallgrass Prairie
Lois Wright Morton, Elise Regen, David M. Engle, James R. Miller, and Ryan N. Harr
- 655 Supplements Containing Escape Protein Improve Redberry Juniper Intake by Goats
Chad H. George, Cody B. Scott, Travis R. Whitney, Corey J. Owens, Brian J. May, and Richard Brantley
- 662 Effects of Long-Term Livestock Grazing on Fuel Characteristics in Rangelands: An Example From the Sagebrush Steppe
Kirk W. Davies, Jonathan D. Bates, Tony J. Svejcar, and Chad S. Boyd
- 670 Pyric-Herbivory to Promote Rangeland Heterogeneity: Evidence From Small Mammal Communities
Samuel D. Fuhlendorf, Darrell E. Townsend II, R. Dwayne Elmore, and David M. Engle
- 679 Restoring Tallgrass Prairie and Grassland Bird Populations in Tall Fescue Pastures With Winter Grazing
Tracey N. Johnson and Brett K. Sandercock
- 689 Replication of a 1970s Study on Domestic Sheep Losses to Predators on Utah's Summer Rangelands
Brian C. Palmer, Michael R. Conover, and S. Nicole Frey
- 696 Phenotypic and Genetic Characterization of Western Prairie Clover Collections From the Western United States
Kishor Bhattarai, B. Shaun Bushman, Douglas A. Johnson, and John G. Carman

Research Notes

- 707 Potential of *Kochia prostrata* and Perennial Grasses for Rangeland Restoration in Jordan
Derek W. Bailey, Raed Al Tabini, Blair L. Waldron, James D. Libbin, Khalid Al-Khalidi, Ahmad Alqadi, Mohammad Al Oun, and Kevin B. Jensen

- 712 Volume 63 Table of Contents and Index

Front Cover Photograph: This inquisitive male coyote was photographed during late June in the foothills of Cache Valley, Utah, USA. Photo by Steve Guymon.

The online article is the official version and may contain additional content not available in this print issue. To access the full article, including multimedia, enhanced figures, auxiliary materials, and other nonprinted content, go to <http://www.agu.org/journals/wrr>.

Regular Articles

- p. 1 of 2
- W10501** *G. Salvadori and C. De Michele*
Multivariate multiparameter extreme value models and return periods: A copula approach (doi 10.1029/2009WR009040)
- W10502** *A. J. Teuling, I. Lehner, J. W. Kirchner, and S. I. Seneviratne*
Catchments as simple dynamical systems: Experience from a Swiss prealpine catchment (doi 10.1029/2009WR008777)
- W10503** *Gretchen R. Miller, Xingyuan Chen, Yoram Rubin, Niyam Mo, and Dennis D. Baidocchi*
Groundwater uptake by woody vegetation in a semiarid oak savanna (doi 10.1029/2009WR008902)
- W10504** *Veena Srinivasan, Steven M. Gorelick, and Lawrence Goudder*
Sustainable urban water supply in south India. Desalination, efficiency improvement, or rainwater harvesting? (doi 10.1029/2009WR008698)
- W10505** *G. B. Nahon, S. G. Schladow, and J. F. Ruter*
Effect of sediment and nutrient loading on Lake Tahoe optical conditions and restoration opportunities using a newly developed lake clarity model (doi 10.1029/2009WR008447)
- W10506** *P. R. Robichaud, J. W. Wagenbrenner, and R. E. Brown*
Rill erosion in natural and disturbed forests: 1. Measurements (doi 10.1029/2009WR008314)
- W10507** *J. W. Wagenbrenner, P. R. Robichaud, and W. J. Elliot*
Rill erosion in natural and disturbed forests: 2. Modeling Approaches (doi 10.1029/2009WR008315)
- W10508** *Jungsun Oh and Christina W. Tsai*
A stochastic jump diffusion particle-tracking model (SJD-PTM) for sediment transport in open channel flows (doi 10.1029/2009WR008443)
- W10509** *M. S. Moran, F. P. Hamerlynck, R. L. Scott, J. J. Stone, C. D. Halfield Collins, T. O. Keefer, R. Bryant, L. DeYoung, G. S. Nearing, Z. Sagg, and D. C. Hymer*
Hydrologic response to precipitation pulses under and between shrubs in the Chihuahuan Desert, Arizona (doi 10.1029/2009WR008842)
- W10510** *Martyn P. Clark and Dmitri Kavetski*
Ancient numerical daemons of conceptual hydrological modeling: 1. Fidelity and efficiency of time stepping schemes (doi 10.1029/2009WR008894)
- W10511** *Dmitri Kavetski and Martyn P. Clark*
Ancient numerical daemons of conceptual hydrological modeling: 2. Impact of time stepping schemes on model analysis and prediction (doi 10.1029/2009WR008896)
- W10512** *Sari Palmroth, Gabriel G. Katul, Dafeng Hui, Heather R. McCarthy, Robert B. Jackson, and Ram Oren*
Estimation of long-term basin scale evapotranspiration from streamflow time series (doi 10.1029/2009WR008838)
- W10513** *S. A. Archfield and R. M. Vogel*
Map correlation method: Selection of a reference streamgage to estimate daily streamflow at ungaged catchments (doi 10.1029/2009WR008481)
- W10514** *Eric Merten, Jacques Finlay, Lucinda Johnson, Raymond Newman, Heinz Stefan, and Bruce Vondracek*
Factors influencing wood mobilization in streams (doi 10.1029/2009WR008772)
- W10515** *D. Fernández-García, P. Trinchero, and X. Sanchez-Vila*
Conditional stochastic mapping of transport connectivity (doi 10.1029/2009WR008533)
- W10516** *S. L. Yang, Z. Liu, S. B. Dai, Z. X. Gao, J. Zhang, H. J. Wang, X. X. Luo, C. S. Wu, and Z. Zhang*
Temporal variations in water resources in the Yangtze River (Changjiang) over the Industrial Period based on reconstruction of missing monthly discharges (doi 10.1029/2009WR008589)
- W10517** *Elizabeth H. Keating, John Doherty, Jasper A. Vrugt, and Qinjun Kang*
Optimization and uncertainty assessment of strongly nonlinear groundwater models with high parameter dimensionality (doi 10.1029/2009WR008584)
- W10518** *Brent B. Boelert and William K. Jaeger*
Past and future water conflicts in the Upper Klamath Basin: An economic appraisal (doi 10.1029/2009WR007925)
- W10519** *Michael J. Roxayne, Steven M. Gorelick, and Chuamiao Zheng*
Geological modeling of submeter scale heterogeneity and its influence on tracer transport in a fluvial aquifer (doi 10.1029/2010WR009348)
- W10520** *Katherine Grote, Taylor Crist, and Crystal Nickel*
Experimental estimation of the GPR groundwave sampling depth (doi 10.1029/2009WR008403)
- W10521** *C. Milzow and W. Kinzelbach*
Accounting for subgrid scale topographic variations in flood propagation modeling using MODFLOW (doi 10.1029/2009WR008088)
- W10522** *F. Pellicciotti, A. Bauder, and M. Parola*
Effect of glaciers on streamflow trends in the Swiss Alps (doi 10.1029/2009WR009039)
- W10523** *Yoram Rubin, Xingyuan Chen, Haruko Murakami, and Melanie Hahn*
A Bayesian approach for inverse modeling, data assimilation, and conditional simulation of spatial random fields (doi 10.1029/2009WR008799)
- W10524** *Kelsey G. Jencso, Brian L. McGlynn, Michael N. Gooseff, Kenneth E. Benca, and Steven M. Wondzell*
Hillslope hydrologic connectivity controls riparian groundwater turnover: Implications of catchment structure for riparian buffering and stream water sources (doi 10.1029/2009WR008818)
- W10525** *Kevan B. Moffett, Adam Wolf, Joe A. Berry, and Steven M. Gorelick*
Salt marsh-atmosphere exchange of energy, water vapor, and carbon dioxide: Effects of tidal flooding and biophysical controls (doi 10.1029/2009WR009041)
- W10526** *Geneviève A. Ali, André G. Roy, and Pierre Legendre*
Spatial relationships between soil moisture patterns and topographic variables at multiple scales in a humid temperate forested catchment (doi 10.1029/2009WR008804)
- W10527** *Yongsung Cho, K. William Easter, and Yoshifumi Komishi*
Economic evaluation of the new U.S. arsenic standard for drinking water: A disaggregate approach (doi 10.1029/2009WR008269)
- W10528** *Yuqiang Xia, Hailong Li, Michel C. Boufadel, and Youness Sharifi*
Hydrodynamic factors affecting the persistence of the Exxon Valdez oil in a shallow bedrock beach (doi 10.1029/2010WR009179)
- W10529** *Ambuj Dwivedi, Bruce W. Melville, Asaad Y. Shamseldin, and Tushar K. Guha*
Drag force on a sediment particle from point velocity measurements: A spectral approach (doi 10.1029/2009WR008643)
- W10530** *G. Schoops, J. A. Vrugt, F. Fenicia, and N. C. van de Giesen*
Corruption of accuracy and efficiency of Markov chain Monte Carlo simulation by inaccurate numerical implementation of conceptual hydrologic models (doi 10.1029/2009WR008648)
- W10531** *Gerrit Schoops and Jasper A. Vrugt*
A formal likelihood function for parameter and predictive inference of hydrologic models with correlated, heteroscedastic, and non-Gaussian errors (doi 10.1029/2009WR008933)
- W10532** *Fifth Ben-Asher, Pinhas Alpert, and Arje Ben-Zur*
Dew is a major factor affecting vegetation water use efficiency rather than a source of water in the eastern Mediterranean area (doi 10.1029/2008WR007484)

- W10533** Lee D. Slater, Dimitrios Nturlagiamis, Frederic A. D. Day-Lewis, Kisa Mwakanyamale, Roelof J. Versteeg, Andy Ward, Christopher Strickland, Carole D. Johnson, and John W. Lane Jr.
Use of electrical imaging and distributed temperature sensing methods to characterize surface water-groundwater exchange regulating uranium transport at the Hanford 300 Area, Washington (doi 10.1029/2010WR009110)
- W10534** Boosik Kang and Jorge A. Ramirez
A coupled stochastic space-time intermittent random cascade model for rainfall downscaling (doi 10.1029/2008WR007692)
- W10535** H. D. Yeh, C.-S. Huang, Y. C. Chang, and D. S. Jeng
An analytical solution for tidal fluctuations in unconfined aquifers with a vertical beach (doi 10.1029/2009WR008746)
- W10536** M. Hrachowitz, C. Soulsby, D. Tetzlaff, I. A. Malcolm, and G. Schoups
Gamma distribution models for transit time estimation in catchments: Physical interpretation of parameters and implications for time-variant transit time assessment (doi 10.1029/2010WR009148)
- W10537** Todd H. Buxton
Modeling entrainment of waterlogged large wood in stream channels (doi 10.1029/2009WR008041)
- W10538** Scott A. Wright, David J. Topping, David M. Rubin, and Theodore S. Melis
An approach for modeling sediment budgets in supply-limited rivers (doi 10.1029/2009WR008600)
- W10539** S. Assouline, K. Narkis, and D. Or
Evaporation from partially covered water surfaces (doi 10.1029/2010WR009121)
- W10540** Xiaoxian Zhang, Xuebin Qi, and Dongmei Qiao
Change in macroscopic concentration at the interface between different materials: Continuous or discontinuous (doi 10.1029/2009WR008853)
- W10541** C. S. Santoni, E. G. Jobbágy, and S. Contreras
Vadose zone transport in dry forests of central Argentina: Role of land use (doi 10.1029/2009WR008784)
- W10542** Sanbenq Liu, Rudolf Liedl, and Peter Gratwohl
Simple analytical solutions for oxygen transfer into anaerobic groundwater (doi 10.1029/2009WR008434)
- W10543** Kevin J. McGuire and Jeffrey J. McDonnell
Hydrological connectivity of hillslopes and streams: Characteristic time scales and nonlinearities (doi 10.1029/2010WR009341)
- W10544** Oliver C. Saavedra Valeriano, Toshio Koike, Kun Yang, Tobias Graf, Xin Li, Lei Wang, and Xujun Han
Decision support for dam release during floods using a distributed biosphere hydrological model driven by quantitative precipitation forecasts (doi 10.1029/2010WR009502)

Commentaries

- W10801** F. Boano, C. Manes, D. Poggi, R. Revelli, and L. Ridolfi
Comment on "Pore water flow due to near-bed turbulence and associated solute transfer in a stream or lake sediment bed" by M. Higashino et al. (doi 10.1029/2010WR009185)
- W10802** Makoto Higashino, Jeffrey Clark, and Heinz Stefan
Reply to comment by F. Boano et al. on "Pore water flow due to near-bed turbulence and associated solute transfer in a stream or lake sediment bed" (doi 10.1029/2010WR009468)
- W10803** V. P. Shkilev
Comment on "Non-Fickian transport and multiple-rate mass transfer in porous media" by B. Berkowitz, S. Emmanuel, and H. Scher (doi 10.1029/2010WR009378)
- W10804** Brian Berkowitz, Simon Emmanuel, and Harvey Scher
Reply to comment by V. P. Shkilev on "Non-Fickian transport and multiple-rate mass transfer in porous media" (doi 10.1029/2010WR009475)

Special Sections in Progress

Author Index appears at the end of the issue.

Water Resources
Research

Vol. 46, no. 10
(Oct. 2010)

p. 2 of 2