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Table of Contents

Review & Interpretation		Irrigation	
Strategies to Make Use of Plant Sensors-Based Diagnostic Information for Nitrogen Recommendations Stanislaw Marek Samborski, Nicolas Tremblay, and Edith Ballon	800	Sprinkler Irrigation Changes Maize Canopy Microclimate and Crop Water Status, Transpiration, and Temperature J. Cavero, E. T. Medina, M. Puig, and A. Martínez-Cob	854
Potential Agricultural Uses of Flue Gas Desulfurization Gypsum in the Northern Great Plains T. M. DeSutter and L. J. Cihacek	817	Statistics	
Soil Quality & Fertility		Data Transformation in Statistical Analysis of Field Trials with Changing Treatment Variance Hans-Peter Piepho	865
Cover Crop and Liquid Manure Effects on Soil Quality Indicators in a Corn Silage System William E. Jokela, John H. Grabber, Douglas L. Karlen, Teri C. Balsen, and Debra E. Palmquist	727	Waste Management	
Soil Properties and Crop Yields in Response to Mixed Paper Mill Sludges, Dairy Cattle Manure, and Inorganic Fertilizer Application Adrien N'Dayegamiye	826	Three Experimental Systems to Evaluate Phosphorus Supply from Enhanced Granulated Manure Ash C. R. Crozier, J. L. Havlin, G. D. Hoyt, J. W. Rideout, and R. McDaniel	880
Agroclimatology		The Longer-Term Phytoavailability of Biosolids-Phosphorus Matt Miller and George A. O'Connor	889
Weighing Lysimeters for Evapotranspiration Research on Clay Soil Ernest L. Clawson, Sean A. Heibal, Giovanni Piccinini, Robert L. Hutchinson, Robert V. Rohli, and Daniel L. Thomas	836	Nitrogen Management	
Economic Analysis		Potato Response to a Polymer-Coated Urea on an Irrigated, Coarse-Textured Soil Melissa L. Wilson, Carl J. Rosen, and John F. Moncrief	897
Does Skip-Row Planting Configuration Improve Cotton Net Return? James A. Larson, C. Owen Gwathmey, Daniel P. Mooney, Lawrence P. Steckel, and Roland K. Roberts	738	Assessing the Necessity of Surface-Applied Preplant Nitrogen Fertilizer in Rice Systems Bruce A. Linquist, James E. Hill, Randall G. Muttters, Christopher A. Geier, Christopher Hartley, Matthew D. Ruark, and Chris van Kessel	906
Economic Value of Biosolids in a Semiarid Agroecosystem Hubert J. Lagae, Michael Langewiesche, Donald Lybecker, and Kenneth Barbarick	933	Nitrogen Recommendations for Corn: An On-The-Go Sensor Compared with Current Recommendation Methods John P. Schnadt, Adam E. Dellinger, and Doug B. Beegle	916
Nutrient Cycling & Uptake		Recovery of Residual Fertilizer-Nitrogen by Wheat in a Winter Wheat–Summer Maize Rotation in the North China Plain: A Soil Column Study Yong-Cheng Wu, Shun-Li Zhou, Zhu-Min Wang, Han-Yu Feng, Lai-Qing Lu, and Run-Zheng Wang	925
Dietary Forage Impacts on Dairy Slurry Nitrogen Availability to Corn J. M. Powell and J. H. Grabber	747	Cropping Systems	
Precision Mapping		Corn Grain Yields and Yield Stability in Four Long-Term Cropping Systems K. K. Grover, H. D. Karsten, and G. W. Roth	940
Digital Soil-Class Mapping from Proximal and Remotely Sensed Data at the Field Level John Triantafyllis, Belinda Kerridge, and Sam M. Buchanan	841	Crop Rotation	
		Crop Rotation and Nitrogen Input Effects on Soil Fertility, Maize Mineral Nutrition, Yield, and Seed Composition Walter E. Riedell, Joseph L. Pikel, Jr., Abdollah A. Jaradat, and Thomas E. Schmitt	870

Cover: Western corn rootworm beetles (*Diabrotica virgifera virgifera* LeConte) feeding upon volunteer corn silks. The increasing prevalence of volunteer corn that includes genetically modified insect resistant traits complicates management plans designed to reduce the threat of resistance evolution in corn rootworm populations. See Krupke et al. (787–799). Photo credit: Purdue Extension Entomology, John Lyon Obermeyer.

(cont.)

P. 2 of 2

Root-Knot Nematode-Resistant Alfalfa Suppresses Subsequent Crop Damage from the Nutsedge-Nematode Pest Complex
 Cheryl Fiore, Jill Schroeder, Stephen Thomas, Leigh Murray, and Ian Ray 754

Forages

Herbage, Phosphorus, and Nitrogen Yields of Winter-Season Forages on High-Phosphorus Soil
 James P. Muir and John R. Bow 764

Defoliation Management of Bahiagrass Germplasm Affects Dry Matter Yield and Herbage Nutritive Value
 S. M. Interrante, L. E. Sollenberger, A. R. Blount, U. R. White, K. Liu, and S. W. Coleman 989

Single Irrigation Can Achieve Relatively High Production and Water Use Efficiency of Siberian Wildrye Grass in the Semiarid Agropastoral Ecotone of North China
 Hao Wang, Zizhong Li, Yuanshi Gong, Zhongyan Wang, and Ding Huang 996

Alfalfa

Preharvest Neutral Detergent Fiber Concentration of Alfalfa as Influenced by Stubble Height
 David Parsons, Jerome H. Cheney, and Paul R. Peterson 769

Wheat

Grazing Effects on Yield and Quality of Hard Red and Hard White Winter Wheat
 Johnathon D. Holman, Curtis R. Thompson, Ronald L. Hale, and Alan J. Schlegel 775

Soybean

Growth and Nitrogen Fixation in High-Yielding Soybean: Impact of Nitrogen Fertilization
 Fernando Salvagnotti, James F. Specht, Kenneth G. Cassman, Daniel T. Walters, Albert Weiss, and Achim Dobermann 958

Pod Removal, Shade, and Defoliation Effects on Soybean Yield, Protein, and Oil
 Rob A. Proulx and Seth L. Naeve 971

Leaf Nitrogen Concentration as an Indicator of Corn Nitrogen Status
 Noura Zladi, Gilles Bélanger, François Gastal, Annie Claessens, Gilles Lemaire, and Nicolas Tremblay 947

Barley

Biplot Analysis of Rainfed Barley Multienvironment Trials in Iran
 Reza Mohammadi, Ahmad Anvari, and Yousef Ansari 789

Cover Crops

Seeding Rate and Planting Arrangement Effects on Growth and Weed Suppression of a Legume-Oat Cover Crop for Organic Vegetable Systems
 Eric B. Brennan, Nathan S. Boyd, Richard E. Smith, and Phil Foster 979

Sunflower

Oil Content and Saturated Fatty Acids in Sunflower as a Function of Planting Date, Nitrogen Rate, and Hybrid
 Valicho D. Zhelezkov, Brady A. Vick, Brian S. Baldwin, Normie Buchring, Tess Astackie, and Billy Johnson 1005

Notes & Unique Phenomena

Volunteer Corn Presents New Challenges for Insect Resistance Management
 Christian Krupke, Paul Marquardt, William Johnson, Stephen Weller, and Shawn P. Conley 787

Concordance Correlation for Model Performance Assessment: An Example with Reference Evapotranspiration Observations
 David W. Meek, Terry A. Howell, and Claude J. Phene 1012

Other Items

ASA Statement of Ethics iv

Features

Peabody's Roy Karo Named 2009 Reclamationist of the Year.....	10
<i>by Meg Gallagher</i>	
IMCC Reclamation Award Winners	18
Environmental Renaissance in Pennsylvania	20
<i>by James Stevens</i>	
Below the Radar: Equipment Operators are Virtual Control Systems in Surface Mining	23
<i>by Kay Sever</i>	
Land Reclamation Beautifies Coal Mines	24
<i>by Bonnie Coblenz</i>	
American Coal Company: Mine Rescue Team Takes First Place	32
Bart J. Hyta of CONSOL Energy, Inc. Receives The John E. Willson Distinguished Alumnus Award	40

Departments

Buyer-Friendly Ad Index	4
Guest Editorial by Phil Southern	6
Guest Editorial by Christopher B. Powers	8
Coal People Comments.....	5 & 7
Reclamation News.....	12
Capsule News.....	26
Coal News Worldwide	36
Coal People in the News	38
Energy News	42
Product News	44
Coal Events	47
Advertising Index	54
Classified.....	49-53



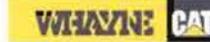
Cover Photo
 2009 Reclamationist of the Year

Roy Karo, Peabody Energy Reclamation Manager for Colorado.
 Background-A mountain lion's home on Peabody Energy's Seneca Complex.

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ABRASION RESISTANT MATERIALS

CBP Engineering.....	49
S & S Urethane & Ceramics.....	49

AIR SYSTEMS

Air Repair, LLC/Boge America, Inc.....	49
--	----

AUTOMATED SAMPLING SYSTEMS

James A. Redding Company.....	49
Precision Samplers, Inc.....	49

BATTERY CHARGERS/MINE

LaMarche Manufacturing.....	49
-----------------------------	----

CABLE FAULT LOCATORS

Innovative Utility Products Corp.....	49
---------------------------------------	----

COAL PREPARATION PLANTS

Steel Nation.....	17
-------------------	----

COAL PREPARATION/PREPARATION EQUIPMENT

Ceramic Technology, Inc.....	50
Industrial Resources, Inc.....	50

COMMUNICATION-COMPUTER SOFTWARE

Coal Software & Systems, Inc.....	50
-----------------------------------	----

CONSTRUCTION EQUIPMENT/TRUCKS

Liebherr Mining Equipment.....	56 (BC)
--------------------------------	---------

CONSULTING SERVICES

GIW Industries.....	52
Marshall Miller & Associates.....	52

CONSULTING SERVICES/ENGINEERS

Cowin & Company, Inc.....	52
Norwest Corporation.....	52

CONVEYOR ACCESSORIES/BELTING

Richwood Industries.....	50
--------------------------	----

CONVEYOR BACKSTOPS

Formsprag Clutch.....	50
Marland Clutch.....	50

CONVEYOR BELT FASTENER

Minet Lacing Technology, Inc.....	50
-----------------------------------	----

DRILLING/SHAFT & SLOPE CONSTRUCTION/BLIND DRILLING/RAISE BORING

Frontier-Kemper Constructors.....	49
-----------------------------------	----

DRIVELINES

Rye Valley Gear.....	51
----------------------	----

ELECTRICAL

Pemco Corporation.....	51
------------------------	----

ENGINEERING SERVICES

Farnham & Pfile Eng. & Contractors.....	50
Skelly and Loy Engineering.....	52

FANS

Paul's Repair Shop, Inc.....	51
------------------------------	----

FILTERS/DISC

Peterson Filters.....	52
-----------------------	----

FIRE HOSE

Rawhide Fire Hose.....	15
------------------------	----

GENERAL/SPECIALIZED CONTRACTORS

Coalfield Services, Inc.....	51
------------------------------	----

GROUND CONTROL TECHNOLOGY

Jennmar Corporation/J-Lok.....	2
--------------------------------	---

GROUTING EQUIPMENT

ChemGrout.....	51
----------------	----

HDPE PIPE

ISCO Industries.....	53
----------------------	----

HOISTING EQUIPMENT/FIELD SERVICES

FKC Lake Shore.....	52
---------------------	----

HYDRAULIC ROOFBOLTERS-PORTABLE

MPI.....	51
----------	----

INSURANCE

American Mining Insurance.....	7
--------------------------------	---

MINE VENTILATION

JMD Company.....	53
------------------	----

MINE VENTILATION/PLUG SEALS/OVERCASTS

Strata Mine Services, Inc.....	9
--------------------------------	---

MINING EQUIPMENT NEW & USED

Wayne Supply, Inc.....	27
------------------------	----

MOBILE AIR/HEAT/VENTILATION

Mountaineer Thermo King.....	51
------------------------------	----

MOTORIZED CONVEYOR PULLEYS

Rulmeca Corporation.....	52
--------------------------	----

PAINTING/COATING SERVICES

Gardner Paint Services.....	50
-----------------------------	----

PIPING/FABRICATION

JABO Supply Corporation.....	53
------------------------------	----

PREPARATION PLANT DESIGNERS & BUILDERS

Lincoln Contracting & Equipment.....	50
--------------------------------------	----

SAFETY EQUIPMENT

Safety Whips.com, LLC.....	5
----------------------------	---

SILOS

Borton, LC.....	53
Manetta Silos.....	53

SILOS-STACKING TABLES

San-Con Industries, Inc.....	53
------------------------------	----

STARTERS/ALTERNATORS

Electric Motor Service.....	53
-----------------------------	----

STEEL

HardSteel, Inc.....	53
---------------------	----

TIRES

Setco Tire & Rim Assembly.....	3
--------------------------------	---

TRANSFORMERS

Watts Transformers.....	53
-------------------------	----

FEATURE

SUPER-EARTHS: MIRRORS OF OUR WORLD?

Fifteen years ago, scientists discovered the first "exoplanet" circling stars outside our solar system. Just five years ago, scientists discovered the first "super-Earth," a possibly rocky planet that could be similar to Earth. Several more super-Earths have since been discovered, but some researchers think there are thousands more out there. Could one of them harbor life?

Carolyn Gramling



36

FEATURE

PROTECTING PLANETS FROM US — AND US FROM THEM

Finding life in outer space has been a goal since humans first contemplated leaving our atmosphere. With ever-more nations sending probes to celestial bodies and even bringing samples back to Earth, it's time to take a closer look at planetary protection guidelines lest we contaminate other planets and moons — or unwittingly contaminate our own.

Barry E. DiGregorio



44

FEATURE

GETTING A MASTER'S IN SOCIAL GEOLOGY

With the tools and abilities to help developing nations best mitigate dangers from natural hazards, geologists can and should get involved. Students share their experiences in one social geology program: the Peace Corps Master's International Program in Geohazards at Michigan Tech University.

Essa L. Gross



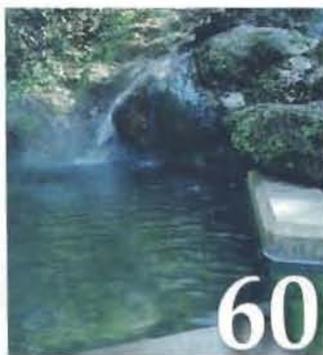
52

FEATURE

TRAVELS IN GEOLOGY: ARKANSAS: A GEOLOGIC DIAMOND IN THE ROUGH

Ever hiked mountains, swum in pristine lakes, soaked in mineral hot springs fit for presidents, and then dug for diamonds all in one weekend? If not, head to western Arkansas for a geological feast that will indulge your senses.

Mary Caperton Morton



60

TRENDS AND INNOVATIONS

RE-EXAMINING THE BURGESS SHALE

One hundred years ago this month, the Burgess Shale — arguably the world's most famous fossil site — was discovered. Recently, researchers have undertaken new efforts to learn more about the creatures that lived, died and were preserved 505 million years ago.

David B. Williams



30

NEWS

- 7 NEWS SHORTS
- 8 ECONOMIC GAS HYDRATES IN THE GULF?
- 9 YUCCA MOUNTAIN ERODING
- 10 THE LONG LEGACY OF PERU'S "MINE OF DEATH"



- 11 PALEONTOLOGISTS CRASH TRILOBITE PARTY
- 12 GIANT DUNES, NOT MEGA-TSUNAMI DEPOSITS?
- 13 A NEW OLD MAN OF THE MOUNTAIN?
- 13 ASTEROIDS NEARBY;
HYPERSPACE NOT AN OPTION
- 14 BONES TELL ACCURATE TALE OF ECOSYSTEM
MAKEUP
- 15 STRETCHING PLATINUM TO MAKE FUEL CELLS
CHEAPER
- 16 MOONQUAKE MYSTERY DEEPENS
- 17 KILAUEA BUCKS GENTLE REPUTATION
- 18 VOLCANIC RIFT FOUND
BENEATH THE GULF OF MEXICO
- 19 SAND DUNES THREATEN SOUTHWEST PLANTS
- 19 BOMBARDMENT OF THE MOON NOT RARE
- 20 SMALL RNAS ACT AS "BIOSENSORS" FOR
OCEAN MICROBES
- 21 OCEAN'S CONVEYOR BELT NOT QUITE COMPLETE
- 22 WARMING, BUT NOT AT A STEADY PACE
- 23 "MISSING LINK" OR MAJOR HYPE?
- 24 MARTIAN GRAVITY FIELD INDICATES POLAR
CHANGES
- 25 *HOMO FLORESIENSIS* WADDLED LIKE A HOBBIT
- 25 MORE THAN ONE WAY TO PRESERVE A WATERFALL
- 26 WATER GETS ATTENTION IN CONGRESS
- 26 CONCRETE RAILROAD SLEEPERS A HIT
- 27 VOLCANOES RUMBLE LIKE JET ENGINES
- 28 TESTING SCIENCE LITERACY — AND REALISM
- 29 MINERAL RESOURCE OF THE MONTH:
FERROUS SLAG

VIEWS

86 A COMMENT

GEFC: AN EMERGING GAS OPEC?

The world's largest natural gas producers seem to be banding together. Is a gas cartel emerging, and if so, what would that mean for the global gas market?

Rasoul Sorkhabi

88 GEOLOGIC COLUMN

LESSONS ON SUSTAINABILITY FROM "THE ANCIENT ONES"

The Anasazi were once a sustainable and "green" society, yet their entire culture suddenly disappeared 850 years ago. What happened and what can we learn from them?

Lisa A. Rossbacher

DEPARTMENTS

4 FROM THE EDITOR

6 LETTERS: PERSPECTIVES FROM READERS

66 GEOMEDIA

Art: Old Paintings Give New Insight Into Coastal Change

Books: Double Life of USGS Director Revealed in "Passing Strange"

Books: Broecker's Pet: The Angry Climate Beast

Web: Geology Rocks! Part III: Soil Songs

72 CROSS-SECTION: A PUZZLE

73 WHERE ON EARTH?

74 BENCHMARKS

August 17, 1959:

Hebgen Lake Earthquake and Landslide



77 DOWN TO EARTH WITH ... PALEOMAGNETIST AND PLATE TECTONICS THEORIST TED IRVING

80 GEOMARKETPLACE

81 CLASSIFIEDS: CAREER OPPORTUNITIES

RECEIVED

2009 JUL - 1 AM 10:39

COST REPORT

► Hard Bids, Low Costs

15 As the recession deepens, contractors are swarming to stimulus-funded jobs as backlogs evaporate. The intense competition is driving many bids below costs.

Cover image by Nadezhda Schour, reworked by Guy Lawrence for ENR; photo right by Sam Barnes



NEWS

► Transportation



Transportation fight. Page 8

- 8 Legislation:** Dueling proposals unsettle picture
- 12 Airports:** Alternative 'fuel for thought' challenges aviation industry
- 12 Associations:** Revised bridge inspection, loading standards on horizon
- 13 Marine Construction:** Floating bridge's new half opens in Washington state
- 13 Bridges:** Council will push funding, outreach

► Environment

- 11 Clean Water:** Drinking-water association calls for infrastructure bank

► Power

- 10 Nuclear Power:** Greenfield plant planned for former enrichment site

► Business & Economics

- 9 Flood Protection:** Corps' mission limits challenged
- 10 Cranes:** New database will track crane repairs and inspections
- 14 Associations:** Workforce issues take priority as owners assess the future



Tracking cranes. Page 10

45 Construction Economics

46 Products

48 People

49 Pulse

65 Official Proposals (cont. on p 66)

68 Editorials

DEPARTMENTS

- 2** Online
- 5** Construction Week
- 7** Washington Observer



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▶ Eyesores to Eyefuls

86 Landscape architects are making a comeback by combining nature, engineering and culture to manage stormwater and remove pollutants while creating attractive places.

Cover photo of Chase Center Roof Garden, Seattle, courtesy of Phillips Farevaag Smalberg/Joseph Fry; photo right courtesy of Nevue Ngan Associates



FEATURE

▶ Top Green Design Firms

6 The Top 100: Owners embrace the practical side of green design

SOURCEBOOK

▶ The Top 500 Design Firms

14 Stories and tables are listed on the next page

NEWS

▶ Environment

- 76 Failures:** AECOM analysis cites 'slime' as factor in TVA coal-ash spill
- 76 Dams:** Record RCC structure is set for groundbreaking in California



Coal-ash cleanup. Page 76

80 Flood Protection: Katrina disaster and risk study ends monumental work

▶ Transportation



Elevating a highway. Page 82

82 Roads: Revamped Louisiana oil artery takes shape over bayou

▶ Power

- 74 Energy:** House approves global-warming bill
- 84 Demolition:** Powerplant bites the dust as Mohave's clock runs out

▶ Business & Economics

- 75 Economic Stimulus:** States, U.S. DOT post gains on ARRA
- 77 Companies:** Holland's ARCADIS buys Malcolm Pirnie

▶ Building

78 Accidents: Second safety mishap hits big Vegas airport terminal

79 Green Roofs: Debut exam for yet another 'sustainable' credential

DEPARTMENTS

- 71** Construction Week
- 73** Washington Observer
- 97** Construction Economics
- 99** Products
- 85** People
- 102** Pulse
- 112** Official Proposals (cont on p 113)
- 114** Editorials



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Contents

Volume 263 • Number 2

2009 JUL 16 PM 12:47

COVER STORY
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► **Get Smart**

54 Intelligent compaction represents a huge cultural shift in project delivery but could save billions of dollars annually in building infrastructure and maintaining vehicle fleets.

Cover illustration by Guy Lawrence for ENR; cover photo and photo right courtesy of Iowa State University



NEWS

► **Business & Economics**



Electric dozer. Page 14

10 Economics: ENR survey shows glimmers of hope for recovery

14 Equipment: World's first hybrid bulldozer keeps up with the bigger cats

► **Transportation**

17 Bridges: Hybrid-composite beams show promise in test projects

17 Composites: Cost constitutes challenge for composite use in bridges

► **Buildings**

12 Sustainability: Building rating system requirement raises concerns

► **Environment**

13 Clean Air: Refrigerants pose new climate risk

15 Flood Control: Storm-barrier equipment fleet uneasy about evacuation plan

16 Dams: Seismic retrofit under way at East Bay Water impoundment

18 People

51 Construction Economics

58 Products

62 Pulse

65 Official Proposals (cont. on pp. 66-67)

68 Editorials



Soil mixing saves dam. Page 16

DEPARTMENTS

4 Calendar

7 Construction Week

9 Washington Observer



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July 27, 2009

Contents

Volume 263 • Number 3

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COVER STORY

► Setting Up Success

20 Keith Clarke has rejuvenated W.S. Atkins, bringing the U.K. designer back to its traditional engineering focus and positioning the firm to make money in a recession.

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SPECIAL REPORT



► Top 200 International Design Firms

42 The global recession has many of the world's largest design firms exploring strategies not just for survival but for growth.

NEWS

► Transportation

- 10 Railroads: States clamor for DOT high-speed funding
- 11 Highway: Baucus proposes 'fix' for trust fund
- 15 Bridges: Cracks in girders delay North Carolina project a second time

► Business & Economics

- 13 Legal: Business-methods patent challenge heads to high court

- 24 Workforce Solutions: PDAs in hand, preteens try running construction firms

► Environment

- 15 Water Supply: Georgia slapped by court in tristate water dispute

► Buildings

- 12 Project Financing: Legal battles pose new hurdle to finish Vegas mega-resort
- 14 Seismic Research: Shake test proves method for wood frames
- 16 Obituary: Wind engineering pioneer Alan G. Davenport dies at 76



More Las Vegas resort battles. Page 12

- 9 Washington Observer
- 17 People
- 18 Construction Economics
- 66 Products
- 67 Pulse
- 69 Official Proposals (cont. on p. 70)
- 72 Editorials



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DEPARTMENTS

- 4 Letters
- 7 Construction Week

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Environmental Impact Assessment Review

Vol. 29, no. 5 (Sept. 2009)

ASSESSMENT METHOD

Environmental impact assessment procedure: A new approach based on fuzzy logic 275
Roberto Peche and Esther Rodriguez

EIA PROCEDURE

Appraising the role of relationships between regulators and consultants for effective EIA 284
Angus Morrison-Saunders and Mark Bailey

From consultation to deliberation? Tracing deliberative norms in EIA frameworks in Swedish roads planning 295
Karolina Isaksson, Tim Richardson and Krister Olsson

Current practice and shortcomings of EIA in Lithuania 305
Jolita Kruopienė, Sigita Židonienė and Jolanta Dvarionienė

HEALTH IMPACT ASSESSMENT

Human health and wellbeing in environmental impact assessment in New South Wales, Australia Auditing health impacts within environmental assessments of major projects 310
Patrick J. Harris, Elizabeth Harris, Susan Thompson, Ben Harris-Roxas and Lynn Kemp

QUANTITATIVE METHOD

An environmental pressure index proposal for urban development planning based on the analytic network process 319
Tomás Gómez-Navarro, Mónica García-Melón, Silvia Acuña-Dutra and Diego Díaz-Martín

SOCIAL IMPACT ASSESSMENT

Coal mining and the resource community cycle: A longitudinal assessment of the social impacts of the Coppabella coal mine 330
Stewart Lockie, Maree Franettovich, Vanessa Petkova-Timmer, John Rolfe and Galina Ivanova

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Original Articles

- 265 Late-Holocene succession of dinoflagellates in an Antarctic fjord using a multi-proxy approach: paleoenvironmental genomics, lipid biomarkers and palynomorphs
A. C. Boere, B. Abbas, W. I. C. Rijpstra, G. J. M. Versteegh, J. K. Volkman, J. S. Sinninghe Damsté and M. J. L. Coolen
- 282 Biogeochemical changes induced in uranium mining waste pile samples by uranyl nitrate treatments under anaerobic conditions
A. Geissler, M. Merroun, G. Geipel, H. Reuther and S. Selenska-Pobell
- 295 Bacterial formation of phosphatic laminites off Peru
E. T. Arning, D. Birgel, B. Brunner and J. Peckmann
- 308 A hypersaline microbial mat from the Pacific Atoll Kiritimati: insights into composition and carbon fixation using biomarker analyses and a ^{13}C -labeling approach
S. I. Bühring, R. H. Smittenberg, D. Sachse, J. S. Lipp, S. Golubic, J. P. Sachs, K.-U. Hinrichs and R. E. Summons
- 324 CaCO_3 nucleation by cyanobacteria: laboratory evidence for a passive, surface-induced mechanism
M. Obst, B. Wehrli and M. Dittrich
- 348 Effect of biological soil crusts on soil elemental concentrations: implications for biogeochemistry and as traceable biosignatures of ancient life on land
H. Beraldi-Campesi, H. E. Hartnett, A. Anbar, G. W. Gordon and F. Garcia-Pichel
- 360 Geobiological investigations using secondary ion mass spectrometry: microanalysis of extant and paleo-microbial processes
V. J. Orphan and C. H. House
- 373 Transformation of vivianite by anaerobic nitrate-reducing iron-oxidizing bacteria
J. Miot, K. Benzerara, G. Morin, S. Bernard, O. Beyssac, E. Larquet, A. Kappler and F. Guyot

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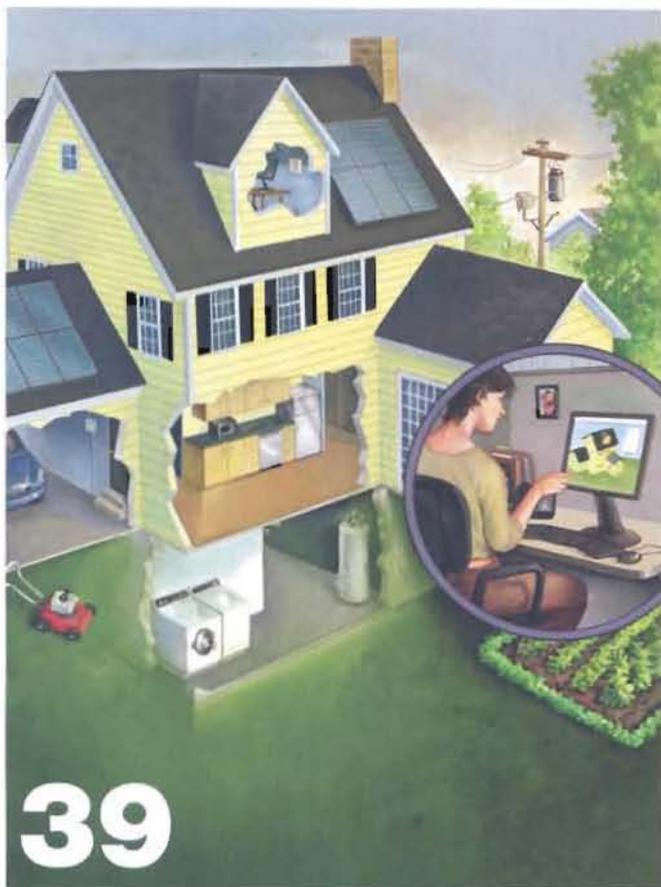
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p. 1 of 2



39

Special Report

A GREATER GRID

30 DESERT STORM

Renewable energy is abundant in America's empty spaces. But some environmentalists think power grids would despoil them. *By John Buntin*

39 GET SMART

Technology is ready to change how electricity is delivered. Are consumers ready to use—and pay for—the smart grid? *By Tom Arrandale*

22 LAURA CHICK IS WATCHING

What will it take to keep a state's oversight of its federal windfall honest? California's new stimulus boss is sure she knows. *By Rob Gurwitt*

44 SHORTFALL SHOCK

This year was a tough test for state budget writers. Next year will be a harder one. *By Alan Greenblatt*

50 THE COSTLIEST RIDE

Transportation service for the disabled can be a budget-buster. *By Josh Goodman*



30



44

(cont.)

COVER PHOTOGRAPH BY ROBERT DURELL

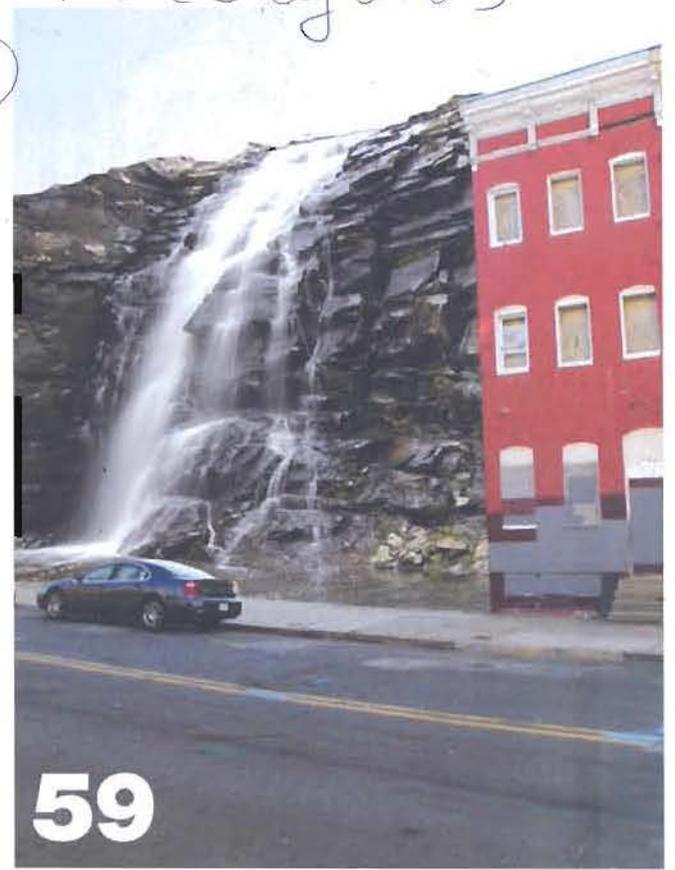
p. 2 of 2

- 4 Letters
- 6 From the Publisher
- 9 Assessments
Alan Ehrenhalt on governors-in-waiting.

POLITICS + POLICY

- 12 Observer
Kansas strikes a compromise on coal-fired power plants.
- 14 Potomac Chronicle
Is devolution dead?
- 15 At Issue
Bankruptcy trumps car dealers' clout in state legislatures.
- 16 Ballot Box
Roy Barnes wants to be Georgia's governor again.

- 17 Health
When the end of life is the start of a health-cost nightmare.
- 18 Economic Engines
Adding value in manufacturing.
- 19 Urban Notebook
It's high time for New York's High Line.
- 20 Green Government
A superbarrel changes the dimensions of water use.



PROBLEM SOLVER

- 55 Hold that Hire
As the economy recovers, states will be challenged to retain their newest employees. *By Will Wilson*
- 58 Smart Management
Why measuring performance matters more than ever.
- 59 Idea Center
Imagining new uses for vacant lots.
- 60 Tech Talk
How states are milking cell-phone users with 911 fees.
- 62 Public Money
Will Build America Bonds take over the muni market?



16



9



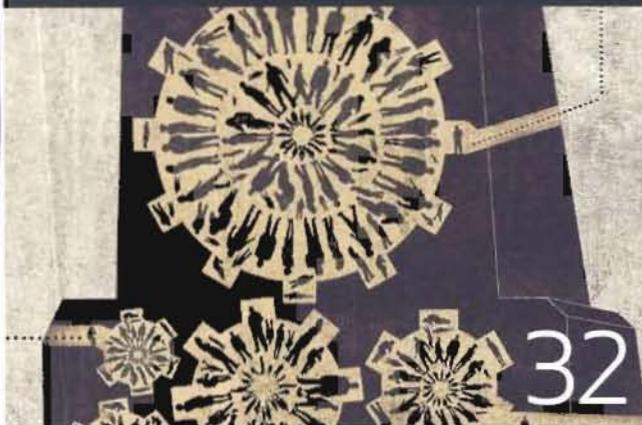
64 Player
Mike Bennett: A developer's kind of legislator.

Contents

JULY 2009 VOL. 41 NO. 8

Government Executive

CLOCKWISE FROM TOP: JOHN HERBERT, STEPHEN WEBSTER, JON KRASNER, ANTHONY TOTTI



FEATURES

The New Guardians 22

Coast Guard chief Thad Allen and his team are remaking the service from the inside out. *By Katherine McIntire Peters*

Inner Workings 32

The way agencies bring new employees on board and help them acclimate to the culture can have a net effect on recruiting. *By Alyssa Rosenberg*

Down for the Count 38

Shifting demographics coupled with a decade of budget and management woes have put the 2010 census on shaky ground. *By Eliza Newlin Corney*

NEWS+ANALYSIS

Plucking IT Talent 10

Government faces steep competition as it tries to beef up its ranks with technology specialists. *By Gautham Nagesh*

Cost of Risk 14

Fixed-price stimulus contracts could create more problems than they solve. *By Robert Brodsky*

For Good Measure 18

Picking up where the Bush team left off in setting up meaningful performance metrics. *By Elizabeth Newell*

ADVICE+DISSENT

Twittery Jitters 46

Managing Technology New social media sites raise age-old dangers of unauthorized software. *By Carolyn Duffy Marson*

Finding Flexibility 48

Management Matters Why are the happiest workers in government so happy? *By Brian Friel*

CORRECTION

In a headline for the June article "The Public Eye," Bev Godwin was incorrectly identified as the White House's new media director. Her title is director of online resources and interagency development in the White House's new media office.



IN EVERY ISSUE

Editor's Notebook 4

Join us at our breakthrough federal management forum. *By Tom Shoop*

The Briefing 6

Vegas, baby; putting it in perspective; minding the shop; weight management; and by the numbers.

Perspectives 50

British politicians and American corporate titans are targets of the public's wrath. *By Timothy B. Clark*

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p. 1 of 3

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LETTER TO THE EDITOR

1775–1776 Comments on "Diversity in Cell Properties and Transport Behavior among 12 Different Environmental Escherichia coli Isolates," by C.H. Bolster, B.Z. Hazendaroglu, and S.L. Walker in the Journal of Environmental Quality 2009 38:465–472 by Gaurav Saini

REVIEWS AND ANALYSES

1349–1362 Trace Metal Dynamics in Floodplain Soils of the River Elbe: A Review by Christiane Schulz-Zunkel and Frank Krueger
1531–1559 Microbial Removal Rates in Subsurface Media Estimated From Published Studies of Field Experiments and Large Intact Soil Cores by Liping Pang

TECHNICAL REPORTS

Atmospheric Pollutants and Trace Gases

1363–1371 Biodegradation of Methane and Halocarbons in Simulated Landfill Biocover Systems Containing Compost Materials by Charlotte Scheutz, Gitte B. Pedersen, Giulia Costa, and Peter Kjeldsen
1372–1382 Enhancing Soil Infiltration Reduces Gaseous Emissions and Improves N Uptake from Applied Dairy Slurry by R. Bhandral, S. Bittman, G. Kowalenko, K. Buckley, M.H. Chantigny, D.E. Hunt, F. Bounaix, and A. Friesen
1383–1390 Banding of Urea Increased Ammonia Volatilization in a Dry Acidic Soil by Philippe Rochette, J. Douglas MacDonald, Denis A. Angers, Martin H. Chantigny, Marc-Olivier Gasser, and Normand Bertrand
1560–1568 Pilot Scale Facility to Determine Gaseous Emissions from Livestock Slurry during Storage by Soren O. Petersen, Morten Skov, Per Droscher, and Anders P.S. Adamsen
1569–1579 Fertilizer Application Timing Influences Greenhouse Gas Fluxes Over a Growing Season by Rebecca L. Phillips, Donald L. Tanaka, David W. Archer, and Jon D. Hanson

Ecosystem Restoration

1391–1399 Recovery of Nitrogen Pools and Processes in Degraded Riparian Zones in the Southern Appalachians by John T. Walker, James M. Vose, Jennifer Knoepp, and Christopher D. Geron
1400–1409 Hardwood Tree Survival in Heavy Ground Cover on Reclaimed Land in West Virginia: Mowing and Ripping Effects by Jeff Skousen, Jim Gorman, Eugenia Pena-Yewittukbiu, Jim King, Jason Stewart, Paul Emerson, and Curtis DeLong

1580–1590 Recreating a Functioning Forest Soil in Reclaimed Oil Sands in Northern Alberta: An Approach for Measuring Success in Ecological Restoration by S.M. Rowland, C.E. Prescott, S.J. Grayston, S.A. Quideau, and G.E. Bradford
1591–1597 Simultaneous Removal of Polycyclic Aromatic Hydrocarbons and Copper from Soils using Ethyl Lactate-Amended EDDS Solution by Yuanyuan Sun, Liangliang Ji, Wei Wang, Xiaorong Wang, Jichun Wu, Hui Li, and Hongyan Guo

Ground Water Quality

1410–1419 Leaching and Utilization of Nitrogen During a Spring Wheat Catch Crop Succession by Juan M. Herrera and Markus Liedgens
1598–1607 The Role of Indigenous Microorganisms in the Biodegradation of Naturally Occurring Petroleum, the Reduction of Iron, and the Mobilization of Arsenite from West Bengal Aquifer Sediments by H.A.L. Rowland, C. Boothman, R. Pancost, A.G. Gault, D.A. Polya, and J.R. Lloyd

Heavy Metals in the Environment

1420–1428 Impacts of Chemical Amendment and Plant Growth on Lead Speciation and Enzyme Activities in a Shooting Range Soil: An X-ray Absorption Fine Structure Investigation by Yohey Hashimoto, Hiroki Matsufuru, Masaki Takaoka, Hajime Tanida, and Takeshi Sato
1608–1616 Mercury Adsorption-Desorption and Transport in Soils by Lixia Liao, H.M. Selim, and R.D. DeLaune
1617–1626 Heavy Metal Contamination from Electronic Waste Recycling at Guiyu, Southeastern China by Yan Guo, Changjiang Huang, Hong Zhang, and Qiaoxiang Dong

Landscape and Watershed Processes

1429–1440 Nutrient Variation in an Urban Lake Chain and its Consequences for Phytoplankton Production by W. John Roach and Nancy B. Grimm

Organic Compounds in the Environment

1441–1448 Polychlorinated Biphenyls in Urban Lake Sediments from Wuhan, Central China: Occurrence, Composition, and Sedimentary Record by Zhifeng Yang, Zhenyao Shen, Fan Gao, Zhenwu Tang, Junfeng Niu, and Ya He
1449–1457 Adsorption of Glyphosate on Variable-Charge, Volcanic Ash-Derived Soils by L. Cáceres-Jensen, J. Gan, M. Báez, R. Fuentes, and M. Escudéy
1458–1465 Sorption of High Explosives to Water-Dispersible Clay: Influence of Organic Carbon, Aluminosilicate Clay, and Extractable Iron by Katerina M. Dontsova, Charolett Hayes, Judith C. Pennington, and Beth Porter

This issue's cover: Dynamic flux chamber system for measuring gaseous emissions from slurry samples. See Blanes-Vidal et al., "Reduction of odor and odorant emissions from slurry stores by means of straw covers," p. 1518–1527. Image by Victoria Blanes-Vidal.

Continued

Plant and Environment Interactions

- 1466-1472 **Photosynthetic Pigment Concentrations, Gas Exchange and Vegetative Growth for Selected Monocots and Dicots Treated with Two Contrasting Coal Fly Ashes** by *Isa A.M. Yunusa, Margaret D. Burchett, V. Manoharan, D. Lionel DeSilva, Derek Eamus, and C. Greg Skilbeck*

Surface Water Quality

- 1473-1482 **Nitrate-Nitrogen, Land Use/Land Cover, and Soil Drainage Associations at Multiple Spatial Scales** by *William C. Floyd, Stephen H. Schoenholtz, Stephen M. Griffith, Parker J. Wigington, Jr., and Jeffrey J. Steiner*
- 1627-1635 **Effectiveness and Efficacy of Conservation Options after Potato Harvest** by *Timothy S. Griffin and C.W. Honeycutt*
- 1636-1644 **Uncertainty Evaluation of Coliform Bacteria Removal from Vegetated Filter Strip under Overland Flow Condition** by *A.K. Guber, A.M. Yakirvuch, A.M. Sadeghi, Y.A. Pachepsky, and D.R. Shelton*
- 1645-1653 **Estimating Phosphorus Loss in Runoff from Manure and Fertilizer for a Phosphorus Loss Quantification Tool** by *P.A. Vadas, I. W. Good, P.A. Moore Jr., and N. Widman*
- 1654-1663 **Evaluating Nonpoint Source Critical Source Area Contributions at the Watershed Scale** by *Michael J. White, Daniel E. Storm, Philip R. Busteed, Scott H. Stoddley, and Shannon J. Phillips*
- 1664-1671 **Denitrification in Wood Chip Bioreactors at Different Water Flows** by *Colin M. Greenan, Thomas B. Moorman, Timothy B. Parkin, Thomas C. Kaspar, and Dan B. Jaynes*
- 1672-1682 **Effects of Highway Construction on Stream Water Quality and Macroinvertebrate Condition in a Mid-Atlantic Highlands Watershed, USA** by *Yushun Chen, Roger C. Viadero, Jr., Xinchao Wei, Ronald Fortney, Lara B. Hedrick, Stuart A. Welsh, James T. Anderson, and Lian-Shin Lin*
- 1683-1693 **Long-term Water Quality Trends after Implementing Best Management Practices in South Florida** by *Samira H. Daroub, Timothy A. Lang, Orlando A. Diaz, and Sabine Grunwald*

Waste Management

- 1483-1492 **Environmental Risk Assessment of Compost Prepared from *Salvinia*, *Egeria densa*, and Alligator Weed by *C.G. Dorahy, A.D. Pirie, I. McMaster, L. Muirhead, P. Pengelly, K.Y. Chan, M. Jackson, and L.M. Barchia***
- 1493-1500 **Aerating Recycled Water on Mushroom Composting Sites Affects Its Chemical Analysis and the Characteristics of Odor Emissions by *Ralph Noble, Andreja Dobrovin-Pennington, Carol Wright, Philip J. Hobbs, and Jon Williams***

- 1501-1510 **Effects of Co-Application of Biosolids and Water Treatment Residuals on Corn Growth and Bioavailable Phosphorus and Aluminum in Alkaline Soils in Egypt** by *A.M. Mahdy, E.A. Elkhatib, N.O. Fathi, and Z.-Q. Liu*

- 1511-1517 **Impact of Gypsum Applied to Grass Buffer Strips on Reducing Soluble P in Surface Water Runoff** by *D.B. Watts and H.A. Torbert*

- 1518-1527 **Reduction of Odor and Odorant Emissions from Slurry Stores by Means of Straw Covers** by *Victoria Blanes-Vidal, Martin N. Hansen, Patricia Sousa*

- 1694-1699 **Removal of Viruses and Indicators by Anaerobic Membrane Bioreactor Treating Animal Waste** by *Kelvin Wong, Irene Xagorarakis, James Wallace, William Bickert, Sangeetha Srinivasan, and Joan B. Rose*

- 1700-1708 **Phytase Supplemented Poultry Diets Affect Soluble Phosphorus and Nitrogen in Manure and Manure-amended Soil** by *Usha P.P. Pillai, Veenagathipillai Manoharan, Allan Lisle, Xiuhua Li, and Wayne Bryden*

- 1709-1718 **Effects of Dried Distillers' Grains with Solubles (Wheat-Based) in Feedlot Cattle Diets on Feces and Manure Composition** by *Xiyang Hao, Monica B. Benke, Darryl J. Gibb, Ashley Stronks, Greg Travis, and Tim A. McAllister*

- 1719-1727 **Transport of Lincomycin to Surface and Ground Water from Manure-amended Cropland** by *Sandra L. Kuchta, Allan J. Cessna, Jane A. Elliott, Kerry M. Peru, and John V. Headley*

- 1728-1738 **Fate of Indicator Microorganisms Under Nutrient Management Plan Conditions** by *Scott A. Bradford and Eran Segal*

- 1739-1748 **Evaluation of Second-Generation Multistage Wastewater Treatment System for the Removal of Malodors from Liquid Swine Waste** by *John H. Loughrin, Matias B. Vanotti, Ariel A. Szogi, and Nanh Lowanh*

- 1749-1756 **Intake and Digestibility of 'Coastal' Bermudagrass Hay from Treated Swine Waste Using Subsurface Drip Irrigation** by *J.C. Burns, K.C. Stone, P.G. Hunt, M.B. Vanotti, K.B. Cantrell, and D.S. Fisher*

Wetlands and Aquatic Processes

- 1757-1765 **Land Use and Riparian Effects on Prairie Wetland Sediment Properties and Herbicide Sorption Coefficients** by *Dani Xu, Sheila Meyer, Jeanette Gaultier, Annemieke Farenhorst, and Dan Pennock*

SHORT COMMUNICATIONS

- 1528-1530 **The Speciation of Silver Nanoparticles in Antimicrobial Fabric Before and After Exposure to a Hypochlorite/Detergent Solution** by *Christopher A. Impellitteri, Thabet M. Tolaymat, and Kirk G. Scheckel*

Journal of Environmental Quality Vol. 38, no. 4
(July-August 2009)
p. 3 of 3

1766-1774 Dissolved Oxygen Measurements in Aquatic Environments: The Effects of Changing Temperature and Pressure on Three Sensor Technologies by Corey D. Markfort and Miki Hondzo

BOOK REVIEWS

- 1777 The Rhizosphere: Biochemistry and Organic Substances at the Soil-Plant Interface, Second Edition
reviewed by John L. Kovar
- 1778 River Futures: An Integrative Scientific Approach to River Repair
reviewed by P.M. Haygarth
- 1779 Biogeochemistry of Wetlands, Science and Applications
reviewed by T.J. Clough

1780 The American West at Risk: Science, Myths, and Politics of Land Abuse and Recovery
reviewed by Richard E. Zartman

1781 Ecology of the Shortgrass Steppe
reviewed by R. Howard Skinner

ALSO IN THIS ISSUE

- v-vi Instructions to Authors
- vii-xiii This Issue in *Journal of Environmental Quality*
- 1782-1783 Errata

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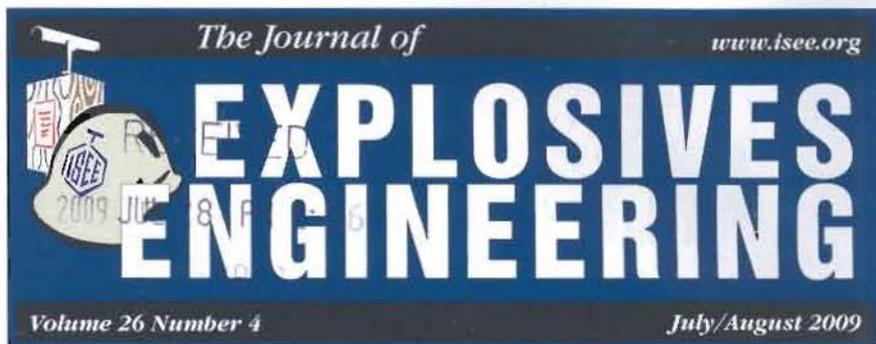
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FEATURES

- 6 Blasting Overhangs Close to a Vibration Sensitive Structure**
This article describes a situation in which the client had to be convinced that the use of explosives was the best option to remove overhangs in an abandoned quarry that was being restored as a housing development.
- 14 CUSUM for the Control of Vibration and Air Blast**
This article applies cumulative sum (CUSUM) statistical process control methods to vibration and air blast to determine whether blast timing and designing changes are improving results.
- 36 Fifty Years in Explosives Engineering**
The story of determined immigrant, who made a career for himself in the explosives industry.
- 44 16th Annual Photo Contest**
Drilling and blasting in Pennsylvania.

DEPARTMENTS

- 4 From the President**
- 22 Industry News**
News about people, companies, events, and new products.
- 24 Calendar of Events**
A list of upcoming events in the explosives industry.
- 28 Explosives, 100 Years Ago, More or Less**
A primer on explosives for coal miners: squibs, fuse and detonators.
- 34 Chapter News**
News from Black Hills, Northern Plains, Tennessee and California Southwest Chapters of ISEE.
- 42 Member News**
A list of members who have joined ISEE since the 2009 Membership Directory was published.



*On the Cover: Drilling and blasting 4.5 inch holes for road stone and site stone for gas and oil companies in Pennsylvania.
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Vol. 73, Issue 5, July 2009

TABLE OF CONTENTS

- 629 EDITOR'S MESSAGE
 MANAGEMENT AND CONSERVATION
MAMMALS
- 631 Effects and Mitigation of Road Impacts on Individual Movement Behavior of Wildcats
Nina Klar, Mathias Herrmann, and Stephanie Kramer-Schadt
- 639 Fetal Sex Ratios in Southwestern Montana Elk
Julie A. Cunningham, Kenneth L. Hamlin, and Thomas O. Lemke
- 647 Spatial Ecology of Raccoons Related to Cattle and Bovine Tuberculosis in Northeastern Michigan
Todd C. Atwood, Thomas J. Deliberato, Holly J. Smith, Justin S. Stevenson, and Kurt C. VerCauteren
- 655 Deer Carcass Decomposition and Potential Scavenger Exposure to Chronic Wasting Disease
Christopher S. Jennelle, Michael D. Samuel, Cherie A. Nolden, and Elizabeth A. Berkley
- 663 Deer Forage Response to Herbicide and Fire in Mid-Rotation Pine Plantations
Melinda R. Mixon, Stephen Demarais, Phillip D. Jones, and Brian J. Rude
- 669 Population Indices Versus Correlated Density Estimates of Black-Footed Ferret Abundance
Martin B. Grenier, Steven W. Buskirk, and Richard Anderson-Sprecher
- 677 Roosts of Allen's Lappet-Browed Bat in Northern Arizona
Ben G. Solvesky and Carol L. Chambers
- 683 Observations of Coyote-Cat Interactions
Shannon E. Grubbs and Paul R. Krausman
- BIRDS**
- 686 Estimating Detection Probabilities of Waterfowl Broods From Ground-Based Surveys
Anthony M. Pagano and Todd W. Arnold
- 695 Prescribed Fire Effects on Wintering, Bark-Foraging Birds in Northern Arizona
Theresa L. Pope, William M. Block, and Paul Beier
- 701 Habitat Use by Female Mallards in the Lower Mississippi Alluvial Valley
Bruce E. Davis, Alan D. Afton, and Robert R. Cox, Jr.
- 710 Factors Influencing Reporting and Harvest Probabilities in North American Geese
Cuthrie S. Zimmerman, Timothy J. Moser, William L. Kendall, Paul F. Doherty, Jr., Gary C. White, and Dale F. Caswell
- 720 Evidence of Alaskan Trumpeter Swan Population Growth Using Bayesian Hierarchical Models
Joshua H. Schmidt, Mark S. Lindberg, Devin S. Johnson, Bruce Conant, and James King
- 728 Trumpeter Swan Abundance and Growth Rates in Yellowstone National Park
Kelly M. Proffitt, Terrence P. McEneaney, P. J. White, and Robert A. Garrett
- 737 Importance of Nest Predation by Alien Rodents and Avian Poxvirus in Conservation of Oahu Elepaio
Eric A. VanderWerf
- REPTILES AND AMPHIBIANS**
- 747 Habitat Use by Sonoran Desert Tortoises
Erin R. Zylstra and Robert J. Steidl
- TOOLS AND TECHNOLOGY**
ADVANCES IN WILDLIFE TECHNIQUES
- 755 Vocal Individuality of Great Gray Owls in the Sierra Nevada
Cameron B. Rognan, Joseph M. Szwedczak, and Michael L. Morrison
- 761 Evaluating Abundance Estimate Precision and the Assumptions of a Count-Based Index for Small Mammals
Andrew S. Wiewel, Amy A. Yackel Adams, and Gordon H. Rodda
- 772 Influence of Radiotransmitters on Fecal Glucocorticoid Levels of Free-Ranging Male American Kestrels
Ricardo José Garcia Pereira, Marco Antonio Monteiro Cranzinoli, Fábio Monteiro de Barros, and José Mauricio Barbanti Duarte
- 779 Comparing Global Positioning System and Very High Frequency Telemetry Home Ranges of White-Tailed Deer
Christopher O. Kochanny, Glenn D. DelGiudice, and John Fieberg
- COMMENTARIES**
- 788 Recommendations for Improved Assessment of Noise Impacts on Wildlife
Larry L. Pater, Teryl G. Grubb, and David K. Delaney
- 796 What You Should Know About Land-Cover Data
Aiisa L. Gallant
- LETTERS TO THE EDITOR**
- 806 Criticisms Biologically Unwarranted and Analytically Irrelevant: Reply to Rominger et al.
Louis C. Bender and Mara E. Weisenberger
- 810 Erratum
- 811 The Value of Opinion in Science and the Forest Service Research Organization
Leonard F. Ruggiero

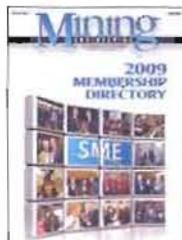
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CONTENTS —

The 2009 SME Membership Directory is bound into the back of the July issue. It contains information for all SME members and is a valuable year-round resource. The directory is also available online at www.smenet.org. SME has added a number of new products to serve a new generation of miners. And it has changed its look, page 20. Cover design by Nate Hurrianeck, ME's Production Designer.

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20

Mining with the times: SME charts new course into the future

FEATURE ARTICLES

25

Impact of China on drilling grade barite

W.J. Miles

29

New Minnesota mining projects remain on track despite economy

William R. Yernberg

37

Proceedings of Elko 2009: mine closure and cover design

Bryan Ulrich

TECHNICAL PAPERS

(peer-reviewed and approved)

41

Chemical-related injuries and illnesses in U.S. mining

D.F. Scott, E.M. Merritt, A.I. Miller and P.I. Drake

47

Noise source identification on a horizontal vibrating screen

H.E. Camargo, P.A. Ravetta, R.A. Burdisso and D.S. Yantek

2009 SME MEMBERSHIP DIRECTORY

1D

Membership Directory Explanation of Coding

2D

SME Local Section Contacts

3D

SME Student Chapters

4D

SME Staff Responsibilities

5D

Alphabetical Listings

201D

Geographical Listings

DEPARTMENTS

4

The drift of things

5

President's page

7

Washington survey

8

Industry newswatch

53

SME Foundation

54

Environmental Division news

55

Local section news

56

Fine grind

57

Student chapters

59

SME officer nominations

69

Obituaries

70

New products

72

Coming events

74

Web directory

75

Classifieds

78

Professional services

82

Index of advertisers

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Rangeland Ecology & Management

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NUMBER 4

JULY 2009

Table of Contents

Special Feature: Grasslands of Inner Mongolia

Guest Editors—Xingguo Han, Keith Owens, X. Ben Wu, Jianguo Wu, and Jianhui Huang

- 303 The Grasslands of Inner Mongolia: A Special Feature
Xingguo Han, Keith Owens, X. Ben Wu, Jianguo Wu, and Jianhui Huang
- 305 Litter Decomposition in Semiarid Grassland of Inner Mongolia, China
Ping Liu, Jianhui Huang, Xingguo Han, and Osbert J. Sun
- 314 Can Shallow Plowing and Harrowing Facilitate Restoration of *Leymus chinensis* Grassland? Results From a 24-Year Monitoring Program
Taogetao Baoyin and Frank Yonghong Li
- 321 Grazing Density Effects on Cover, Species Composition, and Nitrogen Fixation of Biological Soil Crust in an Inner Mongolia Steppe
Huajie Liu, Xingguo Han, Linghao Li, Jianhui Huang, Hongsheng Liu, and Xin Li
- 328 Grazing Intensity on Vegetation Dynamics of a Typical Steppe in Northeast Inner Mongolia
Yan Liang, Guodong Han, He Zhou, Mengli Zhao, Hennie A. Snyman, Dan Shan, and Kris M. Havstad
- 337 Response of Seed Germination and Seedling Growth to Sand Burial of Two Dominant Perennial Grasses in Mu-Uu Sandy Grassland, Semiarid China
Yajuan Zhu, Ming Dong, and Zhenying Huang
- 345 Differences in Net Primary Productivity Among Contrasting Habitats in *Artemisia ordosica* Rangeland of Northern China
Chunping Li, Osbert Jianxin Sun, Chunwang Xiao, and Xingguo Han

Forum

- 351 Are Natural Resources Conservation Service Range Management Investments Working at Cross-Purposes With Wildlife Habitat Goals on Western United States Rangelands?
Theodore P. Toombs and Martha G. Roberts

Research Papers

- 356 Fine-Scale Spatial Genetic Structure in Perennial Grasses in Three Environments
Steven E. Smith, Tulio Arredondo, Martín Aguilar, Elisabeth Huber-Sannwald, Angel Alpuche, Armando Aguado, Oscar A. Grageda, Kandres Halbrook, and Cecilia Bottini
- 364 Nutritive Quality of Highbush Blackberry (*Rubus argutus*) Exposed to Tropospheric Ozone
Stephen S. Ditchkoff, John S. Lewis, John C. Lin, Russell B. Muntifering, and Arthur H. Chappelka
- 371 Assessment of Best-Management Practice Effects on Rangeland Stream Water Quality Using Multivariate Statistical Techniques
Christopher A. Ellison, Quentin D. Skinner, and Larry S. Hicks

Front Cover Photograph: A typical steppe community dominated by *Stipa grandis* near Xilingol, Inner Mongolia, that is open to communal grazing. Photo courtesy of Yongfei Bai.

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Cover: Goats grazing in a Mediterranean rangeland in northern Greece resulting in an open landscape with increased plant diversity. Photograph taken by Vasilios Papanastasis. See related article by V. P. Papanastasis on pages 441–445.

Contents

p. 1 of 2

- EDITORIAL OPINION 441 **Restoration of Degraded Grazing Lands through Grazing Management: Can It Work?**, V. P. Papanastasis
- OPINION ARTICLE 446 **European Nature Conservation and Restoration Policy—Problems and Perspectives**, J. Keulartz
- REVIEW ARTICLE 451 **Agro-Successional Restoration as a Strategy to Facilitate Tropical Forest Recovery**, D. J. M. Vieira, K. D. Holl, and F. M. Peneireiro
- RESEARCH ARTICLES 460 **Assessing Impacts of Hydropattern Restoration of an Over-Drained Wetland on Soil Nutrients, Vegetation, and Fire**, J. A. Leeds, P. B. Garrett, and J. M. Newman
- 470 **How Much Compensation is Enough? A Framework for Incorporating Uncertainty and Time Discounting When Calculating Offset Ratios for Impacted Habitat**, A. Moilanen, A. J. A. van Teeffelen, Y. Ben-Haim, and S. Ferrier
- 479 **Patch Size and Tree Species Influence the Number and Duration of Bird Visits in Forest Restoration Plots in Southern Costa Rica**, R. D. Fink, C. A. Lindell, E. B. Morrison, R. A. Zahawi, and K. D. Holl
- 487 **Vegetation Restoration and Its Effects on Carbon Balance in Guangdong Province, China**, S.-L. Peng, Y.-F. Hou, and B.-M. Chen
- 495 **Biodiversity of Belowground Invertebrates as an Indicator of Wet Meadow Restoration Success (Platte River, Nebraska)**, J. J. Riggins, C. A. Davis, and W. W. Hoback
- 506 **The Effects of Flavonoid Allelochemicals from Knapweeds on Legume—Rhizobia Candidates for Restoration**, É. R. Alford, J. M. Vivanco, and M. W. Paschke
- 515 **Effects of Native and Non-Native Grassland Plant Communities on Breeding Passerine Birds: Implications for Restoration of Northwest Bunchgrass Prairie**, P. L. Kennedy, S. J. DeBano, A. M. Bartuszevige, and A. S. Lueders
- 526 **Using Remote Sensing to Evaluate the Influence of Grassland Restoration Activities on Ecosystem Forage Provisioning Services**, C. M. Malmstrom, H. S. Butterfield, C. Barber, B. Dieter, R. Harrison, J. Qi, D. Riaño, A. Schrotenhoer, S. Stone, C. J. Stoner, and J. Wirka

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(cont.)

Restoration
Ecology
Vol. 17, no. 4
(July 2009)

BOOK REVIEWS

p. 2 of 2

- 539 **Rapid Seed Bank Development in Restored Tidal Freshwater Wetlands**, K. P. Neff, K. Ruscello, A. H. Baldwin
- 549 **Seasonal Effects of Four Control Methods on the Invasive Morrow's Honeysuckle (*Lonicera morrowii*) and Initial Responses of Understory Plants in a Southwestern Pennsylvania Old Field**, J. P. Love and J. T. Anderson
- 560 **Old Fields: Dynamics and Restoration of Abandoned Farmland**, L. L. Jackson
- 562 **New Models for Ecosystem Dynamics and Restoration**, K. D. Holl, A. L. Concilio, T. M. Cornelisse, G. T. Eshete, B. G. Ferguson, S. M. Langridge, J. L. Reid, D. M. Schweizer, J. A. Torres-Ortega, and M. C. Vasey

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SOIL SCIENCE

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JULY 2009

CONTENTS

Vol. 174 No. 7

IRRIGATION WATER QUALITY EFFECTS ON SOIL CARBON FRACTIONATION AND ORGANIC CARBON DISSOLUTION AND LEACHING IN A SEMIARID CALCREOUS SOIL	365
<i>Janick E. Ariels and James L. Watworth</i>	
CHANGES IN HEAVY METAL CONCENTRATIONS IN ACID SOILS UNDER PINE STANDS SUBJECTED TO REPEATED APPLICATIONS OF BIOSOLIDS	372
<i>Goio Egiarte, Miriam Pinto, Estilvia Ruiz-Romera, and Marta Camps Arbestain</i>	
FACTORS INVOLVED IN THE RETENTION AND RELEASE OF LEAD BY A CENTRAL ITALY SOIL: A STIRRED-FLOW APPROACH	380
<i>Daniela Buginelli and Furio Tombesi</i>	
TILLAGE EFFECTS ON SOIL PROPERTIES AND SPATIAL VARIABILITY IN TWO MISSISSIPPI DELTA WATERSHEDS	385
<i>Yongping Yuan, Martin A. Locke, and Lewis A. Gaston</i>	
COMPARISON OF SEQUENTIAL INDICATOR SIMULATION AND TRANSITION PROBABILITY INDICATOR SIMULATION USED TO MODEL CLAY CONTENT IN MICROSCALE SURFACE SOIL	395
<i>Yong He, Kellin Hu, Baoguo Li, Deli Chen, Helen Charlotte Suter, and Yianfang Huang</i>	
FRACTAL FEATURES OF PARTICLE SIZE REDISTRIBUTIONS OF DEPOSITED SOILS ON THE DAM FARMLANDS	403
<i>Peipei Zhao, Mingan Shao, and Jie Zhuang</i>	
KEY ASPECTS OF A HORIZON FORMATION FOR SELECTED BURIED SOILS IN LATE HOLOCENE ALLUVIUM, SOUTHERN PRAIRIES, USA	408
<i>Brian J. Carter, J. Phillip Kelley, J. Byron Sudbury, and Dale K. Splinter</i>	

RECEIVED

2009 JUL 16 PM 12:42

p. 1 of 3

Soil Physics

- 1087–1093 Accuracy and Precision Analysis of Chamber-Based Nitrous Oxide Gas Flux Estimates
Rodney T. Venterea, Kurt A. Spokas, and John M. Baker
- 1094–1100 Using Complex Networks to Model Two- and Three-Dimensional Soil Porous Architecture
Sacha Ion Mooney and Dean Korsoak
- 1101–1107 Fitting Performance of Particle-size Distribution Models on Data Derived by Conventional and Laser Diffraction Techniques
Abdul R. Bab, Olena Kravchuk, and Gunnar Kirchhof
- 1108–1112 Hydraulic Properties of a Sandy Loam Soil following Spent Drilling Mud Application on Native Prairie
Francis Zvomuya, Francis J. Larney, Paul R. DeMaere, and Andrew F. Olson
- 1113–1118 The Dielectric Response of the Tropical Hawaiian Mars Soil Simulant JSC Mars-1
David A. Robinson, Scott B. Jones, J. Mark Blonquist Jr., Robert Heinse, Inma Lebron, and Timothy E. Doyle
- 1276–1285 Mechanical Reinforcement of Soil by Willow Roots: Impacts of Root Properties and Root Failure Mechanism
Slobodan B. Mickovski, Paul D. Hallett, M. Fraser Bransby, Michael C. R. Davies, René Sonnenberg, and A. Glyn Bengough
- 1286–1290 A Laboratory Rig and a Scale- and Energy-Controlled Procedure for Tender Soil Fragmentation Test
Qishuo Ding, Gensheng Pan, Weimin Ding, and Changying Ji
- 1291–1297 Sediment Transport and Soil Detachment on Steep Slopes: I. Transport Capacity Estimation
Guang-hui Zhang, Yu-mei Liu, Yan-feng Han, and X. C. Zhang
- 1298–1304 Sediment Transport and Soil Detachment on Steep Slopes: II. Sediment Feedback Relationship
Guang-hui Zhang, Yu-mei Liu, Yan-feng Han, and X. C. Zhang
- 1305–1312 Parameter Estimation of an Adsorption Model for Describing Ion-Pair Adsorption
Rogerio Cebota, Iris Vogeler, Namithi S. Bolan, and Brent E. Clothier

Soil Chemistry

- 1119–1129 Carboxyl and Phenolic Humic Fractions Affect *Pinus Nigra* Callus Growth and Metabolism
Adele Muscolo and Maria Sidari
- 1130–1136 A Colorimetric Microwell Method for Determining Bromide Concentrations
Brian J. Lepore and Phillip Barak
- 1313–1318 Varied Carbon Content of Organic Matter in Histosols, Spodosols, and Carbonatic Soils
G. N. Kasozi, P. Nkedi-Kizza, and W. G. Harris
- 1319–1326 Distribution and Speciation of Nutrient Elements around Micropores
Lawrence Jasnogne, Ganga Heitsmanehin, David Chittleborough, and Ann McNeill

Soil Biology & Biochemistry

- 1137–1141 Abiotic Nitrate Retention in Agroecosystems and a Forest Soil
B. Fricks, J. Kaye, and R. Seidel
- 1142–1149 Soil Nitrogen Mineralization and Microbial Biomass Relation, and Nitrogen Conservation in Humid-Tropics
C. B. Pandey, R. C. Srivastava, and R. K. Singh
- 1150–1156 Influence of Root Exudates of Watermelon on *Fusarium oxysporum f. sp. niveum*
Hong-sheng Wu, Dong-yang Liu, Ning Ling, Wei Bao, Rong-rong Ying, and Qi-rong Shen
- 1157–1167 Comparison of the Performance of Statistical Models that Predict Soil Respiration from Forests
K. L. Webster, I. F. Creed, M. D. Skowronski, and Y. H. Kabrel
- 1168–1172 Does Physical Protection of Soil Organic Matter Attenuate Temperature Sensitivity?
Alain E. Plante, Johan Six, Eldor A. Paul, and Richard T. Conant
- 1173–1181 Effect of Charcoal Quantity on Microbial Biomass and Activity in Temperate Soils
Simone E. Kolb, Kevin J. Fermanich, and Mathew E. Dornbush
- 1182–1191 Nitrous Oxide Production in an Eastern Corn Belt Soil: Sources and Redox Range
Guillermo Hernandez-Ramirez, Sylvie M. Brouder, Douglas R. Smith, George E. Van Soest, and Greg Michaliki
- 1327–1334 Shifts in Microbial Community Composition and Physiological Profiles across a Gradient of Induced Soil Degradation
Guilherme M. Chae, Marcelo F. Fernandes, David D. Myrold, and Peter J. Bottomley

Soil Fertility & Plant Nutrition

- 1192–1201 Correlation and Calibration of Soil Potassium Availability with Rice Yield and Nutritional Status
Nathan A. Slaton, Bobby R. Golden, Richard J. Norman, Charles E. Wilson Jr., and Russell E. DeLong
- 1202–1208 Spatial Prediction of Soil Organic Matter Content Using Cokriging with Remotely Sensed Data
Chunfa Wu, Jiaping Wu, Yongming Luo, Limin Zhang, and Stephen D. DeGloria
- 1335–1344 Gaseous Nitrogen Losses from a Cambisol Cropped to Spring Wheat with Urea Sizes and Placement Depths
M. I. Khalil, F. Buegger, M. Schmitt, R. Gutser, K. G. Richards, and U. Schmidhalter

Pedology

- 1209–1220 The Maya Footprint: Soil Resources of Chunchucmil, Yucatán, Mexico
Ryan V. Sweetwood, Richard E. Terry, Timothy Beach, Bruce H. Dahlin, and David Hixson
- 1221–1230 Vertisol Crack Extent Associated with Gilgai and Soil Moisture in the Texas Gulf Coast Prairie
A. Sz. Kishné, C. L. S. Morgan, and W. L. Miller

(cont.)

1231-1241 **Impact of Redox Cycles on Manganese, Iron, Cobalt, and Lead in Nodules**

S. Cornu, J. A. Cattle, A. Samouëlian, C. Laveuf, L. R. G. Guilherme, and P. Albéric

1345-1352 **Quantifying the Aspect Effect: An Application of Solar Radiation Modeling for Soil Survey**

D. F. Beaudette, and A. T. O'Geen

Soil & Water Management & Conservation

1242-1250 **Topsoil Properties as Affected by Tillage Systems in the Rolling Pampa Region of Argentina**

Carina R. Alvarez, Miguel A. Taboada, Flavio H. Gutierrez, Boen, Alfredo Bono, Patricia L. Fernandez, and Pablo Prystupa

1251-1260 **Amelioration of the Physical Properties of Slate Processing Fines using Grape Marc Compost and Vermicompost**

Remigio Paradelo, Ana Belen Moldes, and Maria Teresa Barval

1261-1267 **Gamma-Radiometric Assessment of Soil Depth across a Landscape Not Measurable Using Electromagnetic Surveys**

M. T. F. Wong, Y.M. Oliver, and M. J. Robertson

1353-1360 **Structural Stability of Humid Tropical Soils as Influenced by Manure Incorporation and Incubation Duration**

Mark N. Wuddineira, Reynold J. Stone, and Edwin I. Fkweue

1361-1368 **Regional Study of No-Till Impacts on Near-Surface Aggregate Properties that Influence Soil Erodibility**

Humberto Blanco-Canqui, M. M. Mikha, J. G. Benjamin, L. R. Stone, A. J. Schlegel, D. J. Lyon, M. F. Vigil, and P. W. Stahlman

1369-1377 **Settling Velocity, Aggregate Stability, and Interrill Erodibility of Soils Varying in Clay Mineralogy**

José Miguel Reichert, L. Darrell Norton, Nevilde Favaretto, Chi-hua Huang, and Elena Blume

1378-1385 **Performance of a New Capacitance Soil Moisture Probe in a Sandy Soil**

Lawrence R. Parsons and Wije M. Baudaranayake

1386-1392 **A New Splash and Sheet Erosion Equation for Rangelands**

H. Wei, M.A. Nearing, J.J. Stone, D.P. Guertin, K.F. Spaeth, E.B. Pierson, M.H. Nichols, and C.A. Moffett

Forest, Range & Wildland Soils

1393-1407 **Causes of Post-Fire Runoff and Erosion: Water Repellency, Cover, or Soil Sealing?**

Isaac J. Larsen, Lee H. MacDonald, Ethan Brown, Daurellia Rough, Matthew J. Welsh, Joseph H. Pietruszek, Zamir Libohova, Juan de Dios Benavides-Solorio, and Keelin Schaffrath

1408-1418 **Boreal Mixed-Wood Watershed Riparian Zone Cation Cycling during Two Contrasting Climatic Years**

James McLaughlin

Nutrient Mangement & Soil & Plant Analysis

1268-1275 **Direct Steam Distillation as an Alternative to the Illinois Soil Nitrogen Test**

T. L. Roberts, R. J. Norman, N. A. Slaton, C. E. Wilson Jr., W. J. Ross, and J. T. Bushong

1419-1426 **Measurements of Nitrate Leaching from a Hillslope Cropland in the Central Sichuan Basin, China**

Bo Zhu, Tao Wang, Fuhong Kuang, Zhuanshi Luo, Jialiang Tang, and Taiping Xu

1427-1434 **Corn Response to Fluid Fertilizers Placed Near the Seed at Planting**

George W. Rehm and John A. Lamb

Comments & Letters to the Editor

1435 **Comments on "Regional Study of No-till Effects on Carbon Sequestration in the Midwestern United States"**

A. J. Vandenberg

1436 **Response to "Comments on 'Regional Study of No-till Effects on Carbon Sequestration in the Midwestern United States'"**

Sheila F. Christopher, Rattan Lal, and Umakant Mishra

Book Reviews

1437 **Field Estimation of Soil Water Content: A Practical Guide to Methods, Instrumentation and Sensor Technology**

Reviewed by David A. Robinson

1438 **Quickening the Earth: Soil Minding and Mending in Ireland**

Reviewed by Francis J. Lacey

Other Items

1439-1441 Errata

p. 1 of 3

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Editorial

- W06101** *Praveen Kumar, Tissa Illangasekare, Graham Sander, John Selker, and Thomas Torgersen*
Editorial: Building on the legacy of *Water Resources Research* (DOI 10.1029/2009WR008174)

Regular Articles

- W06401** *Felipe P. J. de Barros, Yoram Rubin, and Reed M. Maxwell*
The concept of comparative information yield curves and its application to risk-based site characterization (DOI 10.1029/2008WR007324)
- W06402** *Shusuke Miyata, Ken'ichirou Kosugi, Takashi Gomi, and Takahisa Mizuyama*
Effects of forest floor coverage on overland flow and soil erosion on hillslopes in Japanese cypress plantation forests (DOI 10.1029/2008WR007270)
- W06403** *Salaheddine El Adlouni and Taha B. M. J. Ouarda*
Joint Bayesian model selection and parameter estimation of the generalized extreme value model with covariates using birth-death Markov chain Monte Carlo (DOI 10.1029/2007WR006427)
- W06404** *M. W. Toews, D. M. Allen, and P. H. Whitfield*
Recharge sensitivity to local and regional precipitation in semiarid midlatitude regions (DOI 10.1029/2007WR006763)
- W06405** *R. T. W. L. Hurkmans, W. Terink, R. Uijlenhoet, E. J. Moors, P. A. Troch, and P. H. Verburg*
Effects of land use changes on streamflow generation in the Rhine basin (DOI 10.1029/2008WR007574)
- W06406** *Chetan Maringanti, Indrajeet Chaubey, and Jennie Popp*
Development of a multiobjective optimization tool for the selection and placement of best management practices for nonpoint source pollution control (DOI 10.1029/2008WR007094)
- W06407** *K. Betty Li and Linda M. Abriola*
A multistage multicriteria spatial sampling strategy for estimating contaminant mass discharge and its uncertainty (DOI 10.1029/2008WR007362)
- W06408** *Octavio E. Sequeros, Alessandro Cantelli, Enrica Viparelli, James D. L. White, Marcelo H. Garcia, and Gary Parker*
Modeling turbidity currents with nonuniform sediment and reverse buoyancy (DOI 10.1029/2008WR007422)
- W06409** *David Gaeuman, E. D. Andrews, Andreas Krause, and Wes Smith*
Predicting fractional bed load transport rates: Application of the Wilcock-Crowe equations to a regulated gravel bed river (DOI 10.1029/2008WR007320)
- W06410** *Rajesh K. Jain and Umesh C. Kothyari*
Cohesion influences on erosion and bed load transport (DOI 10.1029/2008WR007044)
- W06411** *Mark M. Dornblaser and Robert G. Striegl*
Suspended sediment and carbonate transport in the Yukon River Basin, Alaska: Fluxes and potential future responses to climate change (DOI 10.1029/2008WR007546)
- W06412** *Gokhan Kirkil and George Constantinescu*
Nature of flow and turbulence structure around an in-stream vertical plate in a shallow channel and the implications for sediment erosion (DOI 10.1029/2008WR007363)

(continued on inside back cover)

(continued from outside back cover)

p. 2 of 3

- W06413** *D. Bolster, M. Barahona, M. Dentz, D. Fernandez-Garcia, X. Sanchez-Vila, P. Trinchero, C. Valhondo, and D. M. Tartakovsky*
Probabilistic risk analysis of groundwater remediation strategies (DOI 10.1029/2008WR007551)
- W06414** *Masanori Katsuyama, Naoki Kabeya, and Nobuhito Ohte*
Elucidation of the relationship between geographic and time sources of stream water using a tracer approach in a headwater catchment (DOI 10.1029/2008WR007458)
- W06415** *Tetsu K. Tokunaga*
Hydraulic properties of adsorbed water films in unsaturated porous media (DOI 10.1029/2009WR007734)
- W06416** *Cheng Chen, Boris L. T. Lau, Jean-François Gaillard, and Aaron I. Packman*
Temporal evolution of pore geometry, fluid flow, and solute transport resulting from colloid deposition (DOI 10.1029/2008WR007252)
- W06417** *Subhrendu Gangopadhyay, Benjamin L. Harding, Balaji Rajagopalan, Jeffrey J. Lukas, and Terrance J. Fulp*
A nonparametric approach for paleohydrologic reconstruction of annual streamflow ensembles (DOI 10.1029/2008WR007201)
- W06418** *W. Bertoldi, L. Zanoni, S. Miori, R. Repetto, and M. Tubino*
Interaction between migrating bars and bifurcations in gravel bed rivers (DOI 10.1029/2008WR007086)
- W06419** *Hua Xie, J. Wayland Eheart, Yuguo Chen, and Barbara A. Bailey*
An approach for improving the sampling efficiency in the Bayesian calibration of computationally expensive simulation models (DOI 10.1029/2007WR006773)
- W06420** *Jianying Shang, Markus Flury, and Youjun Deng*
Force measurements between particles and the air-water interface: Implications for particle mobilization in unsaturated porous media (DOI 10.1029/2008WR007384)
- W06421** *L. Shawn Matott, Justin E. Babendreier, and S. Thomas Purucker*
Evaluating uncertainty in integrated environmental models: A review of concepts and tools (DOI 10.1029/2008WR007301)
- W06422** *J. R. Craig*
Analytic elements for flow in harmonically heterogeneous aquifers (DOI 10.1029/2009WR007800)
- W06423** *P. Gardner and D. K. Solomon*
An advanced passive diffusion sampler for the determination of dissolved gas concentrations (DOI 10.1029/2008WR007399)
- W06424** *Nikki Vercauteren, Elie Bou-Zeid, Hendrik Huwald, Marc B. Parlange, and Wilfried Brutsaert*
Estimation of wet surface evaporation from sensible heat flux measurements (DOI 10.1029/2008WR007544)
- W06425** *Yo Matsubara and Alan D. Howard*
A spatially explicit model of runoff, evaporation, and lake extent: Application to modern and late Pleistocene lakes in the Great Basin region, western United States (DOI 10.1029/2007WR005953)
- W06426** *Mario L. Amsler, Martin C. M. Blettler, and Inés Ezeurra de Drago*
Influence of hydraulic conditions over dunes on the distribution of the benthic macroinvertebrates in a large sand bed river (DOI 10.1029/2008WR007537)
- W06427** *L. Foglia, M. C. Hill, S. W. Mehl, and P. Burlando*
Sensitivity analysis, calibration, and testing of a distributed hydrological model using error-based weighting and one objective function (DOI 10.1029/2008WR007255)
- W06428** *Wonsuck Kim, Albert Dai, Tetsuji Muto, and Gary Parker*
Delta progradation driven by an advancing sediment source: Coupled theory and experiment describing the evolution of elongated deltas (DOI 10.1029/2008WR007382)
- W06429** *M. Bayani Cardenas*
Stream-aquifer interactions and hyporheic exchange in gaining and losing sinuous streams (DOI 10.1029/2008WR007651)

(continued on facing page)

(continued from inside back cover)

Technical Notes

p. 3 of 3

W06501 *Alessia Radice, Francesco Ballio, and Vladimir Nikora*

On statistical properties of bed load sediment concentration (DOI 10.1029/2008WR007192)

W06502 *Glenn A. Hodgkins*

Streamflow changes in Alaska between the cool phase (1947–1976) and the warm phase (1977–2006) of the Pacific Decadal Oscillation: The influence of glaciers (DOI 10.1029/2008WR007575)

Corrections

W06701 *Stephen J. Déry, K. Stahl, R. D. Moore, P. H. Whitfield, B. Menounos, and Jason F. Burford*

Correction to "Detection of runoff timing changes in pluvial, nival, and glacial rivers of western Canada" (DOI 10.1029/2009WR008244)

Special Sections in Progress

The Author Index appears at the end of the issue.

p. 1 of 2

Western North American Naturalist

Volume 69 No. 2

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ISSN 1527-0904

CONTENTS

Articles

- Factors influencing selection of road culverts as winter roost sites by Western Burrowing Owls
..... Damon Williford, Marc C. Woodin, and Mary Kay Skoruppa 149
- Phytogeography and floristics of pinyon-juniper woodlands in northern Arizona
..... Kyle Christie 155
- Selective herbivory by the desert woodrat (*Neotoma lepida*) on Joshua trees (*Yucca brevifolia*)
..... Monte P. Sanford and Nancy Huntly 165
- Genetic structuring at a fine scale in the russet-crowned motmot (*Momotus mexicanus*) in a
tropical dry forest in central Mexico Dolores Reyes, Raúl E. Alcalá, Dulce Arias,
and Marcela Osorio-Beristain 171
- Distribution of the eastern woodrat (*Neotoma floridana campestris*) in southern Nebraska
..... Kole A. Kugler and Keith Geluso 175
- Bats along the Republican River and its tributaries in southwestern Nebraska: distribution,
abundance, and reproduction Matthew B. Serbousek and Keith Geluso 180
- Predator-specific mortality of pronghorn on Yellowstone's northern range
..... Kerey K. Barnowe-Meyer, P.J. White, Troy L. Davis, and John A. Byers 186
- Postfire recovery of two shrubs in the interiors of large burns in the Intermountain West, USA
..... Lori L. Ziegenhagen and Richard E. Miller 195
- Historical fire frequency on contrasting slope facets along the McKenzie River, western Oregon
Cascades Peter J. Weisberg 206
- Genetics of allopatric populations of the montane vole (*Microtus montanus*) and Mogollon vole
(*Microtus mogollonensis*) in the American Southwest Jennifer K. Frey 215
- Ant assemblages in intact big sagebrush and converted cheatgrass-dominated habitats in
Tooele County, Utah Steven M. Ostoja, Eugene W. Schupp, and Kelly Sivy 223
- Planted grasslands and native sod prairie: equivalent habitat for grassland birds?
..... Kristel K. Bakker and Kenneth F. Higgins 235
- American pikas inhabit low-elevation sites outside the species' previously described bioclimatic
envelope William G. Simpson 243

Notes

- Western range extension for the black sandshell (Unionidae: *Ligumia recta* [Lamarck, 1819])
..... Iain David Phillips, Deanne Angel Schulz, and Kevin Kirkham 251
- Range expansion of the collared peccary in New Mexico: potential for interactions between
historically separate subspecies Louis J. Lamit and Marguerite N. Hendrie 253
- First documentation of *Salmincola californiensis* in Lake Tahoe, CA-NV, USA Marcy Kamerath, B.C. Allen, and S. Chandra 257

(Continued on page 284)

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(Continued from back cover)

Captures of Crawford's gray shrews (<i>Notiosorex crawfordi</i>) along the Rio Grande in central New Mexico	Alice Chung-MacCoubrey, Heather L. Bateman, and Deborah M. Finch	260
Note on mortality of the emerging stonefly <i>Pteronarcys californica</i> on the Jocko River, Montana, USA	Isaac P. Rockwell and Robert L. Newell	264
Capture locations of two endangered rodents during a 1902 exploration of the Sacramento Mountains, New Mexico	Jennifer K. Frey, Robert D. Fisher, Suzanne C. Peurach	267
Camel spider (Solifugae) use of prairie dog colonies	B.D. Dnval and W.G. Whitford	272
Comments on "Field identification of <i>Myotis yumanensis</i> and <i>Myotis lucifugus</i> : a morphological evaluation"	Leslie N. Carraway	277
On differentiating <i>Myotis yumanensis</i> and <i>Myotis lucifugus</i> in the field: a reply to Carraway	Thomas J. Rodhouse, Shonene A. Scott, Patricia C. Ornsbee, Jan M. Zinck	279
Book Reviews		
Stalking the Big Bird: A Tale of Turkeys, Biologists, and Bureaucrats by Harley Shaw	Jared B. Lee and Jerald B. Johnson	281
Ecology and Management of the North American Moose by Albert W. Franzmann and Charles C. Schwartz	Charles J. Randel, III	283