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*This month, Coal Age publishes the U.S. Prep Plant Census and provides an in-depth look at American coal washing installations. The cover photo is the new plant at Arch Coal's West Elk mine in Colorado. (Photo courtesy of Taggart Global)*

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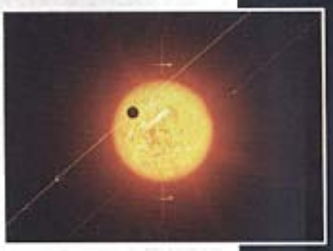

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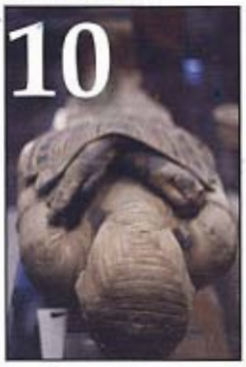

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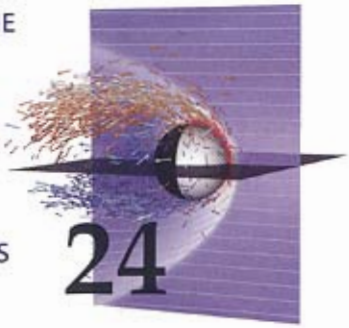


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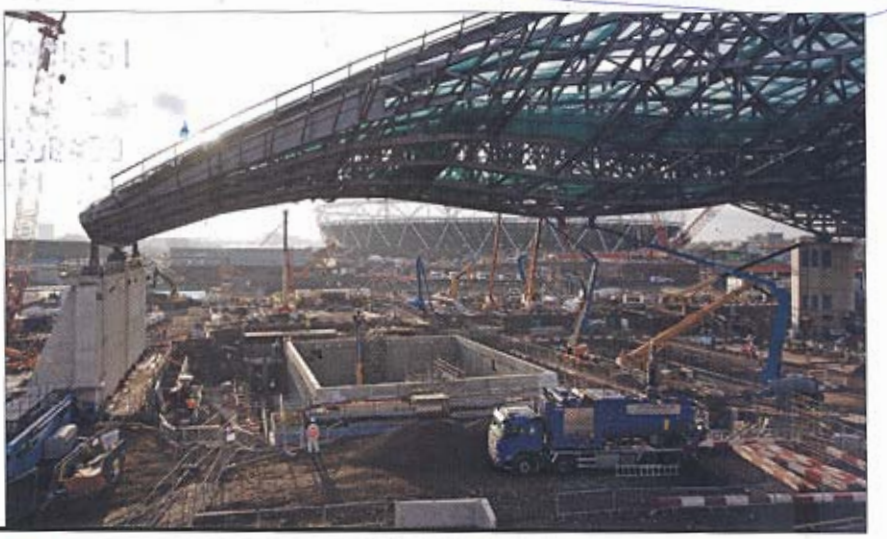
*Cover photo and right courtesy of ODA*



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*Cover photo by U.S. Navy/Justin Stumberg; photo right courtesy of USCG*

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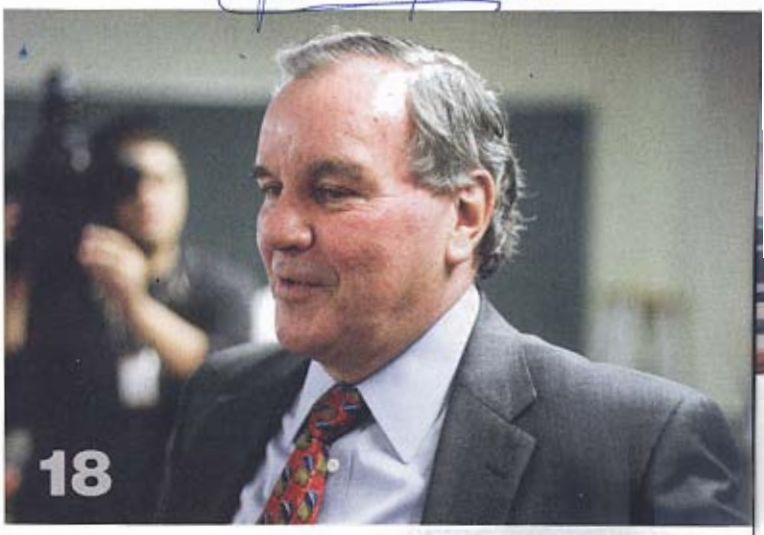

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1896 Fate and Transport of Engineered Nanomaterials in the Environment
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1934 Association of Quantum Dot Nanoparticles with *Pseudomonas aeruginosa* Biofilm
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1954 An Ecological Perspective on Nanomaterial Impacts in the Environment
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### Bioremediation and Biodegradation

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1999– Evaluation of PCR-based Quantification Techniques to Estimate the Abundance of Atrazine Chlorohydrolase Gene *atzA* in Rhizosphere Soils
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*This issue's cover:* The Aquifer Storage Transfer & Recovery (ASTR) research project has involved harvesting up to 200,000 m³ per year of urban stormwater via an engineered wetland and then injected into an initially brackish aquifer. The water is recovered from separate wells and is used to supply the Mawson Lakes development dual reticulation system and to irrigate nearby sporting ovals. See Page et al., "Risk Assessment of Aquifer Storage Transfer and Recovery with Urban Stormwater for Producing Water of a Potable Quality," p. 2029. Image by Kerry Levett.

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**Editor**
Dede Manross
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**Contributing Writers**
Paul Downing
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# EXPLOSIVES ENGINEERING

*Volume 27 Number 6* *November/December 2010*

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All correspondence should be directed to: International Society of Explosives Engineers,
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CONSERVATION
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SOIL AND WATER CONSERVATION SOCIETY

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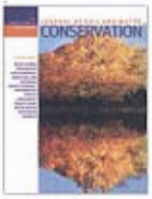

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Beautiful yellow autumn landscape. Photo by Vlad61.

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Newmont Mining's Boddington gold mine in Perth, Western Australia began a major expansion in August 2006. Included in the expansion was an overland conveying system. The contract for the system was let to FLSmidth Conveyor Engineering and Aker Kvaerner Clough Murray Roberts. The pair were to design and manufacture 15 conveyors and 17 belt feeders with widths between 450 mm and 2.4 m (18 to 95 in.), page 47. New clean coal technologies and approaches are emerging that handle some of the biggest issues facing the international coal mining industry. Among them are methane control and use, underground coal gasification and carbon dioxide sequestration. Each of these development areas are examined beginning on page 21. Cover photo courtesy of FLSmidth.

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**Editorial Staff**

**Editor**
Steve Kral
kral@smenet.org

**Senior Editor**
William M. Gleason
gleason@smenet.org

**Senior Editor**
Georgene Renner
renner@smenet.org

**Technical Editor**
Emily Wortman-Wunder
wunder@smenet.org

**Production Designer**
Nate Hurianek
hurianek@smenet.org

**Business Staff**

**Media Manager/Advertising**
Johanna McGinnis
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Phone: 1-800-763-3132
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*A Voice For Western Mining Since 1938*

## May 2010



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Nevada placed fifth — after three Canadian provinces and Finland — as the best place for mining in the latest Fraser Institute survey. Nevada and Chile, which was seventh, previously have placed higher, but now, mining people say, the Canadians have been working hard to improve their relationships with the mining industry — and to make it easier to develop resources. The bottom 10 is all third-world countries, except for California — all of which would benefit greatly from such development.


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*A Voice For Western Mining Since 1938*

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# Rangelands

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EDITOR-IN-CHIEF
**Lori Hidinger**
*Managing Director*
*Consortium for Science, Policy and Outcomes*
*Arizona State University*
*PO Box 875603*
*Tempe, AZ 85287-5603*

MANAGING EDITOR
**Erica Goodoff**
*Indianapolis, IN, USA*
*E-Mail: egoodoff@allenpress.com*

YOUTH EDITOR
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