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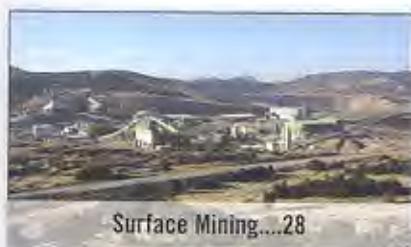
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Cover photo by Getty Images/Bloomberg;
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Cover illustration by Infomen;
image right courtesy of Garney Construction



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Cover illustration by Cary Ng



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Minerals and Trace Elements in Coal

edited by

Colin R. Ward and Shifeng Dai

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EXPLOSIVES ENGINEERING

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A Case History in Lake Mead**
Lake Mead, the largest man-made reservoir in the United States, is located about 30 miles southeast of Las Vegas, Nevada. For the construction of Lake Mead's third water intake, which is entirely placed underground, an underwater excavation was needed. New technology that would fit the special circumstances of this job was not available, and existing shaped charges that fit the underwater specifications of this job were not suitable so a new one had to be conceived, as well as its deployment system and technique, monitoring and survey procedures. For this, an international task of experts was put together.
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This project involved the construction of a new intake and pump station at an existing water treatment facility. For the construction of these structures, it was necessary to excavate approximately 5,000 cubic yards (3,823 cubic meters) of rock. The owners had several concerns regarding blasting on the property so project specifications called for no blasting.
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Are you working on cutting edge research in soil and water conservation? Does your work involve new tools, technologies, or materials that others should be aware of? Have you observed or been a part of conservation practices that are worth sharing with the journal audience?

If you answered "Yes" to any of these questions, you are invited to submit your article ideas for the A Section of the *Journal of Soil and Water Conservation*.

Your work could be published in one of the A Section topic areas: Conservation in Practice, Viewpoint, Ideas & Innovations, Conservation in Action, In the News, Feature, etc.

To submit your article ideas or for more information, contact the editor Oksana Gieseman at oksana.gieseman@swcs.org.



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Beautiful green scenery landscape
in spring time, village of
Zaistovec, Croatia.
Photo by xbrchx.



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Front Cover Photograph: A mix of native and exotic grasses after aeration and prescribed fire in mixed-brush plant communities in south Texas. Photo by Felix Ayala-A.

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An Interdisciplinary Approach to Soils Research

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