CONFERENCE FORMAT

Abstracts are solicited on the general themes of the Conference and related topics. The Proceedings of the Conference will be published and available at the time of the event. The Proceedings will include both keynote papers and papers from contributing authors. Authors of all papers included in the Proceedings will be allowed to make oral presentations at the Conference.

The Conference will begin with short courses and a pre-registration reception on Sunday, October 10, 2004. Presentations will be given Monday-Wednesday, October 11-13. In addition, various tours related to mining will be offered Wednesday afternoon. The Conference will adjourn on Wednesday, October 13, 2004.

PREPARATION OF ABSTRACTS/PAPERS

Prospective authors are requested to submit a short abstract (one page or less, double spaced) and include the title, author(s) and corresponding author’s address and contact information. The deadline for submission is Friday, April 16, 2004. The abstracts will be used for planning purposes and to screen potential papers for conformance with the general topics of the Conference.

Final papers should not exceed 12 single-spaced pages. Detailed guidelines and instructions for preparation of papers will be made available from the publisher upon the Organizing Committee’s acceptance of the abstract. The deadline for submission of final papers to be included in the Proceedings will be Monday, June 7, 2004.

EXHIBITOR SPACE

The Organizing Committee invites your participation in presenting an exhibit. Exhibition of services, equipment, and technologies meets one of the Conference goals, which is to exchange ideas about issues facing the mining and environmental communities. If you would like to display an exhibit related to one or more of the above topics, please contact Linda L. Hinshaw at the address below.

CE UNITS

Colorado State University, Division of Continuing Education will grant Continuing Education Units (CEUs) after successful completion of the conference. A recording fee of $25.00 is required for those desiring to receive CEUs.

Send Abstracts or Inquiries to:

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Tailings and Mine Waste conference information is also available on the web site: www.tailings.org or www.engr.colostate.edu/hsrc/
OBJECTIVES
The Conference objective is to provide a forum for presenting the state-of-the-art with respect to mill tailings and mine waste, and to discuss current and future issues facing the mining and environmental communities.

BACKGROUND
Tailings and Mine Waste '04 is the next of a series of symposia on mill tailings management started at Colorado State University in 1978. The primary purpose of the Conference is to provide a forum for members of the mining community, engineers and scientists serving the mining industry, regulatory groups, and other interest groups concerned with environmental issues related to tailings and mine waste management. Issues of mining, milling, environmental geotechnics, mining engineering, tailings management, geohydrology, geochemistry, and other related topics will be covered in focused sessions.

WHO SHOULD ATTEND
Mine and mill managers, engineers involved with tailings management and reclamation, geotechnologists, geoenvironmentalists, regulatory personnel, consulting engineers, researchers, and other interested groups have found the Tailings and Mine Waste Conference to be an exciting place to present ideas, learn of new developments, make contacts in their professional fields, and discuss problems of mutual interest.

ORGANIZING COMMITTEE
Cary L. Foulk, MWH Americas, Inc., Steamboat Springs, Colorado
Linda L. Hinshaw, Conference Coordinator, Colorado State University, Fort Collins, Colorado
Victor Ketellapper, US EPA, Denver, Colorado
Donald L. Macalady, Colorado School of Mines, Golden, Colorado
Daniel D. Overton, MFG, Inc., Fort Collins, Colorado
Debora J. Miller, Gannet Fleming, Denver, Colorado
Sean C. Muller, SRK Consulting, Fort Collins, Colorado
Suzanne S. Paschke, U.S.G.S., Denver, Colorado
John D. Nelson, Colorado State University, Fort Collins, Colorado
Charles D. Shackelford, Conference Chair, Colorado State University, Fort Collins, Colorado
Thomas R. Wilde, Conference Chair, Colorado State University, Fort Collins, Colorado

SCOPE OF CONFERENCE
The program will include sessions by recognized experts on the general themes of the Conference. The Conference also will include exhibits of equipment and instrumentation. The following general topics and themes are within the scope of the Conference.

Tailings and Mine Waste Management
- Site characterization and assessment
- Construction and operation of impoundments
- Transport and deposition
- Consolidation
- Material properties
- Static and dynamic stability
- Geosynthetics
- Mine backfill
- Heap-leach pad design
- Mine-waste planning
- Tailings and mine waste reprocessing
- Innovations in tailings management
- Long-term stability
- Liner design and installation
- Lessons learned and new developments
- Microbiological aspects
- Case histories

Remediation, Restoration and Rehabilitation
- Remediation technologies
- Ground-water remediation
- Acid mine/acid rock drainage
- Air quality

VENUE
The Conference will be held at the Vail Cascade Resort Hotel, which sits at the base of Vail Mountain. Vail is located 90 miles west of Denver. The major airport to use is Denver International Airport. Transportation to Vail can be by commuter air, rental car, or shuttle service.

Regulatory Framework
- RCRA/CERCLA
- UMTRA
- Brownfields
- Public/community involvement
- Storm water management
- International regulations and concerns
- State and local regulation/ARARs
- Integrated approaches to regulatory issues
- Agency viewpoints

Other Topics
- Socio/political perspectives
- Toxicology
- Disposal
- Paste technology
- Other topics of general interest