2015 JOINT NATIONAL CONFERENCE of ASMR and ARRI
32nd Annual Meeting of American Society of Mining & Reclamation
9th Annual Meeting of the Appalachian Regional Reforestation Initiative

June 6th to 11th, 2015 Lexington, KY USA

2nd Announcement and Call for Abstracts and Workshops

Theme – Reclamation Opportunities for a Sustainable Future

This conference will focus on, but will not be limited to, the technical areas identified below and will provide a forum for the dissemination of information through presentation of research findings, field tours, workshops, and open discussion of public policy relating to mining, reclamation, restoration, reforestation, and land management issues. Submission of abstracts and other items should be sent to ASMR@twc.com. Acknowledgment of submission will be sent to each author by email from Richard (Dick) Barnhisel, Chairman of Planning Committee.

Paper Categories

Four types of abstracts or papers will be considered again this year as described below. Draft copies of a single page abstract of the paper need to be submitted by January 9, 2015; revisions will be allowed until April 13, 2015. Abstracts will be distributed at the meeting on a thumb drive, and will be placed on the ASMR web page www.asmr.us prior to the meeting. Written papers for oral and poster presentations are highly encouraged, and will have three peer reviews within six weeks. They will be distributed at the meeting on a thumb drive. Written papers must be received by February 16, 2015. Authors will have the option to include their paper in the ASMR official Journal (JASMR). However, all authors will be required to submit their presentation as a PowerPoint file when they arrive at the meeting in Lexington. In addition, ASMR plans to record all oral presentations, which will be placed on the ASMR web page along with the power point presentations pending the author’s permission.

1) Research paper – these papers should be replicated lab or field research. Written papers are optional, and the paper and/or the final abstract or an extended abstract are due by April 13, 2015 at asmr@twc.com.

2) Case Studies – include, but are not limited to, non-replicated field or lab studies and may be examples of mitigation tactics that have been employed at a field site. They could be replicated projects in space and time, but have not been subjected to statistical analyses. Written papers are optional, and the paper and/or the final abstract or an extended abstract are due by April 13, 2015 at asmr@twc.com.

3) Demonstration project – these may be demonstrations of a new product, method, or technology of commercial value, but presented with defendable data and be more than just a clever sales pitch. As a minimum, a final abstract or an extended abstract are due by April 13, 2015.

4) Other – these may include such presentations as a policy paper. As a minimum, a final abstract or an extended abstract must be submitted by April 13, 2015.

Program and other Important Dates:
The Program Committee invites the submission of abstracts, deadlines are as follows:

1) Abstracts should be received by January 9, 2015. Under certain circumstances, abstracts MAY be accepted later, if permission has been granted by the Program Chair. However, if an optional written paper is to be submitted, it must be received at the times indicated above. When an abstract has been received, it may be reviewed by the Technical Division Chairs if time permits.

2) Acceptance of the abstract will be sent to the author after review, before Jan. 15, 2015.
3) Optional *written papers* must be received by **February 16, 2015**.
4) **Peer review** of all written papers will be completed six weeks after manuscript submittal.
5) **Revisions** of written papers, abstracts, or extended abstracts must be received by **April 13, 2015**. Abstracts subsequently will be on the ASMR web page, [www.asmr.us](http://www.asmr.us).
6) All **presenters** need to register for the conference by **May 4, 2015** to keep their presentation in the program.
7) All **PowerPoint presentations** must be turned in upon arrival in Lexington at the on-site registration desk so they may be placed on the appropriate computers.
8) Times for individual presentations will be posted on the ASMR web page under Upcoming Meetings – Lexington, KY as soon as the program has been finalized.
9) A decision by the author **not to have their** PowerPoint presentation placed on the ASMR web page or any editing of images must be received by **June 15, 2015**.
10) PowerPoint presentations with audio recorded at the meeting will be placed on the ASMR web page within a month of the meeting.

**Invitation:**
The Program Committee invites the submission of abstracts for the above categories for both oral or poster presentations. Suggestions for workshops as well as pre – and-post-conference field tours are welcome, while we are still in the planning stages.

**Technical Sessions:**
A 250-300 word single page abstract should be submitted for consideration within topical areas such as those given below (see *Submitting an Abstract* section on page 4):

**Forestry and Wildlife Topics**
- Forestry Reclamation
- The ‘Forestry Reforestation Approach’ methodology
- Wildlife Habitat Replacement
- Wildlife Habitat Revitalization (may be in joint session with Ecology)
- Establishment of wildlife and fishery habitats
- Protecting Bats on Mines Sites, including impacts of white nose syndrome
- Reclamation for a sustainable future
- East is East, and West is West, and now the twain shall meet (in Lexington) Special session related to Forestry Reforestation Approach outside the Appalachian states.

**Ecological Topics**
- Invasive Species
- Managing reclamation sites for endangered species protection/restoration
- Impacts of watershed restoration using native species
- Reclamation practices to promote renewed ecosystems and land capability

**Geotechnical Engineering**
- Geochemistry
- Innovative Reclamation Techniques; Steep Slope Stabilization

**Land Use and Design Topics**
- Land use planning associated with gravel, rock quarries, and barrow areas
- Alternative Post-Mining Land uses
- Transportation Reclamation Projects
- Reclaiming Wild-lands
- Reclamation Planning and Design
Urban Redevelopment Reclamation
Mixed Land-use Post-mining Planning and Design
Environmental Management and Maintenance
Cultural Planning and Design Applications
Visual Quality Assessment

Soils and Overburden Topics
- Coal Combustion Byproducts Utilization in Reclamation
- Biomass utilization of bio-energy crops such as switchgrass and miscanthus
- Carbon footprint in Reclamation
- Dust Suppression for Air Quality
- Land Revitalization Case Studies
- Reclamation of Acid Sulfate soils and spoils
- Selecting or blending overburdens to match desired reclamation land use

Water Management Topics
- Active/Passive Water Treatment
- Aquatic Ecosystems or Headwater streams
- Biochemical Reactors
- Channel Reconstruction
- Hydrology – Surface/Groundwater
- Mining Effects on Stream Quality
- Runoff from reclaimed sites
- Wetlands and their use in treatment of acid mine waters

Refuse and Tailings Management Topics
- Product recovery from tailings
- Tailings disposal
- Covers and caps
- Leachate monitoring
- Acid generating tailings
- Subaqueous disposal
- Geochemical characterization
- Vegetation stabilization and evaporative caps
- Geotechnical stability
- Coal ash disposal ponds and repositories

Other Topics
- Geomorphic Approaches to Reconstructing Landscapes
- Equipment, Instruments, and Software
- Developing Appropriate and Achievable Success Criteria

Symposium
- Protecting bats on mines and other sites, including impacts of white nose syndrome.

Workshop Sessions:
To be determined – please submit proposals to Richard Barnhisel asmr@twc.com by December 1, 2014

A possibility we are considering: ARRI Forestry Reclamation Approach Revisited, Sunday June 7, 2015 or it could be as a Forestry Session.

Field Tours and other activities:
- Tour planned to Eastern Kentucky Forest Reclamation Research Sites, Tuesday, June 9.
- Tour of a distillery, may be conducted on both June 7 and 9.
Tour of historic sites in and around Lexington such as Shaker town June 9
Golf outing, June 7 and 9, limited to 12 players each day on a first come basis
Social Evening at the State Horse Park, Tuesday, June 9

Submitting an Abstract:
Please submit your abstract electronically for oral or poster presentation by Jan. 9, 2015 to asmr@twc.com. Abstracts will be reviewed for scientific content and relationship to the tentative Technical Sessions. Accepted oral or poster paper presenters may opt to submit a written manuscript for review by February 16, 2015. A final manuscript as a Word or WordPerfect electronic copy is due by April 13, 2015. Manuscripts and abstracts will be placed on a thumb drive at the Conference. Authors have the option to have their paper later published as a part of the ASMR Journal. The abstract format is shown below:

ABSTRACT EXAMPLE
The Use of Spectral Reflectance as a Reclamation Tool

A.J. Smith, B.C. Jones, and C.D. Doe

Abstract: Detailed abstracts are limited to 250 to 300 words and should provide statement of the problem, methods and materials, experimental design, major results, and conclusions. The language of the Symposium is English. The title of your abstract should be short and descriptive. Indicate the presenter by an asterisk after their name. The text of your abstract should use 12 point font, Times Roman preferred. The margins of the text should be 1 inch on all sides. Units of measure are to be expressed in SI Units, such as g m$^{-2}$ (grams per square meter), mmols kg$^{-2}$ (millimole per kilogram). Non-SI Units and English units are to be avoided. The use of color graphics and electronic images is acceptable. Please indicate the Technical Session in which you think your paper should be considered from the list on the submission page. Identify additional key words. Indicate title and organization for each author.

Additional Key Words: Listing of those not in the title.

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1 Oral (or Poster) paper presented at the 2015 National Meeting of the American Society of Mining and Reclamation, Lexington, KY Reclamation Opportunities for a Sustainable Future June 6 - 11, 2015. R.I. Barnhisel (Ed.). Published by ASMR; 1305 Weathervane Dr., Champaign, IL 61821.
2 Allen J. Smith, Professor, Plant and Soil Sciences, University of Kentucky, Lexington, KY 40546; Barbara C. Jones, Ecotoxicologist and Certified Associate Wildlife Biologist, Altec, Georgetown, KY, 40552; and Charles D. Doe, General Electric, Cincinnati, OH, 42345.

Abstracts are to be sent electronically to asmr@twc.com along with the completed submission form, and requests for additional information should be sent to ASMR c/o Dr. Richard Barnhisel, American Society of Mining and Reclamation, 3134 Montavesta Rd., Lexington, KY 40502 or by E-mail: asmr@twc.com Phone: (859) 351-9032; Fax 859-266-3941.
ASMR Abstract Submission Form

Name of Corresponding Author: ______________________________________________________

AGENCY/COMPANY: ________________________________________________________________

ADDRESS: _______________________________________________________________________

________________________________________________________________________________

CITY, STATE, ZIP: ________________________________________________________________

TELEPHONE: ____________________ FAX: ____________________

E-MAIL: __________________________________________

Oral Presentation _____
   Research Paper ______
   Case Study ______
   Demonstration Project ______
   Other _____

Will you submit a written paper? Yes____ No ____

Poster Presentation _____________
   Research Paper ______
   Case Study ______
   Demonstration Project ______
   Other _____

Will you submit a written paper? Yes____ No ____

Technical Division (Check at least one) in which you feel your presentation best fits.
This will be used for review and approval of your abstract.

Ecology____ Forestry and Wildlife ____ Geotechnical Engineering ____
Tailings ______ Land Use Planning _____ Soils and Overburden _____
Water Management ______ Symposium on Bats _______ Other ______