2013 NATIONAL CONFERENCE
2nd Wyoming Reclamation and Restoration Symposium and
30th Annual Meeting of American Society of Mining & Reclamation

June 1-7, 2013, Laramie, Wyoming USA.

2nd Call for Papers

Theme – Reclamation Across Industries

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 reclamation, restoration, and land management issues related to surface mining and oil and gas development. Submission of abstracts and other items should be sent to ASMR5@insightbb.com. Acknowledgment will be sent to each submission within 5 days from Richard (Dick) Barnhisel, Executive Secretary.

Papers Categories

Four types of papers will be considered for submission. All oral presentations will require a PowerPoint submission to be submitted upon arrival at the meeting. Please note we will record the oral presentations of all papers at the conference and place them on the ASMR web page following the meetings. The authors may have their PowerPoint presentation, without audio, placed on the CD ROM of the meetings. Written papers will be considered for inclusion in future issues of our online Journal.

1) Research paper – If a written paper is submitted by January 21, 2013, 3 peer reviews will be obtained for the submitted manuscript. Research papers are replicated lab or field research studies. Written papers are optional, but in all cases a PowerPoint file must be turned in when you check in to pick up your name tags and other materials in Laramie. A one-page minimum final abstract must be submitted prior to the meetings if the paper is to be given orally or as a poster. The date this is required will be sent to you when the abstract is accepted. Also a form is required to be submitted by the author along with the abstract to aid in the placement of papers into one of the technical divisions. This form is the last page of this announcement.

2) Case Studies – If a written paper is submitted by January 21, 2013, 2 peer reviews will be obtained for the submitted manuscript. Written papers are optional, but in all cases a PowerPoint file must be turned in when you check in to pick up your name tags and other materials in Laramie. Case studies include, but are not limited to, non-replicated field studies and 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. A one-page minimum final abstract must be submitted prior to the meetings if the paper is to be given orally or as a poster. The date this is required will be sent to you when the abstract is accepted. Also a form is required to be submitted by the author along
with the abstract to aid in the placement of papers into one of the technical divisions. This form is the last page of this announcement.

3) Demonstration project – If a written paper is submitted by January 21, 2013, 2 peer reviews will be obtained for the submitted manuscript. As indicated for research papers, written papers are optional, but a PowerPoint file must be turned in when you check in to pick up your name tags and other materials in Laramie. Generally these are demonstrations of a new product, method, or technology of commercial value, presented with defendable data, but more than just a clever sales pitch. A one-page minimum final abstract must be submitted prior to the meetings if the paper is to be given orally or as a poster. The date this is required will be sent to you when the abstract is accepted. Also a form is required to be submitted by the author along with the abstract to aid in the placement of papers into one of the technical divisions. This form is the last page of this announcement.

4) Other – If a written paper is submitted by January 21, 2013, 2 peer reviews will be obtained for the submitted manuscript. Written papers are optional, but a PowerPoint file must be turned in when you check in to pick up your name tags and other materials in Laramie. For example, these may include such presentations as a policy paper. A one-page minimum final abstract must be submitted prior to the meetings if the paper is to be given orally or as a poster. The date this is required will be sent to you when the abstract is accepted. Also a form is required to be submitted by the author along with the abstract to aid in the placement of papers into one of the technical divisions. This form is the last page of this announcement.

Program and other Important Dates:
The Program Committee invites the submission of abstracts for presentations and posters by the following dates:

1) Abstracts should be received by November 30, 2012. If an optional written paper is to be submitted, it must be received at the times indicated below. When an abstract has been received it will be reviewed by the Technical Division (TD) Chairs.

2) Acceptance of the abstract will be sent to the author as soon as the abstract has been reviewed but no later than December 15, 2012.

3) Optional written papers for all four types of oral or poster presentations must be received by January 21, 2013.

4) Peer reviews of all written papers will be completed and returned to the author by March 4, 2013.

5) Revised manuscripts for all written papers and changes in the abstracts that were submitted must be received by April 8, 2013. The single-page abstracts will be placed online shortly after that date on the ASMR web page, www.asmr.us.

6) All presenters are expected to have registered for the conference prior to May 6, 2013. If not registered by that time your paper will be removed from the program.

7) All PowerPoint presentations must be received when you check in to pick up your name tags and other materials in Laramie in order to be placed on the laptops for the oral presentation.
8) Times for individual presentations will be posted on the ASMR web page under Upcoming Meetings – Laramie, WY as soon as the program has been finalized.

9) A decision by the author **not to have their** PowerPoint presentation to be placed on the ASMR web page and any additions or substitutions of images, must be received by **June 18, 2013**.

10) PowerPoint presentations with audio recorded at the meetings will be placed on the ASMR web page, by **July 1, 2013**. This is a tentative date as it is not known how much time will be required to do editing of these presentations.

**Invitation:**

The Program Committee invites the submission of abstracts for the general categories listed below for both oral or poster presentations. Suggestions for workshops are welcome and are in the planning stages as well as pre- and post-conference field workshops/tours.

**Technical Sessions:**

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

**Forestry and Wildlife Topics**

- Forestry Reclamation
- Wildlife Habitat Replacement and/or Restoration
- Symposium on the Establishment of Wildlife and Fishery Habitats on Surface-Mined Lands and Their Usage by Wildlife and Aquatic Organisms.

**Ecological Topics**

- Managing Impacts to Species of Concern and Invasive Species
- Impacts of Watershed Restoration Using Native Species

**Geotechnical Engineering**

- Geochemistry
- Innovative Reclamation Techniques; Steep Slope Stabilization

**Land Use and Design Topics**

- Land use planning associated with gravel, rock quarries, and borrow areas

**Soils and Overburden Topics**

- Ash Disposal – Coal Combustion Byproducts Plant Materials Development
- Byproduct Utilization in Reclamation
- Biomass Utilization for Energy Production of Bio-Energy Crops and By-Products
- Biomass Production on Reclaimed Sites for Bond Release
- Carbon Footprint in Reclamation
- Coal Combustion Residue Placement
- Liners, Covers and Caps – Design Succession - Plant Community Development
- 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
- Riparian Restoration
- Runoff from Reclaimed Sites
- Wetlands and Their Use in Treatment of Acid Mine Waters

**Refuse and Tailings Management**

**Oil and Gas Environmental Issues**
- Oil and Gas Pad Management and Reclamation
- Management and Discharge of Coal Bed Methane Waters
- Linear Disturbance Reclamation
- Impacts on Wildlife

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

**Workshop Sessions:**
To be determined – please submit proposals to either Peter Stahl [Unclem@uwyo.edu](mailto:Unclem@uwyo.edu) or Richard Barnhisel [asmr@insightbb.com](mailto:asmr@insightbb.com)

Some suggested Workshops:
- Sage Grouse Habitat Restoration
- Saline-Sodic Soil Reclamation and Management
- Limitations to Successful Reclamation
- Erosion
- Permitting Workshop (NEPA etc.)
- E-Tools in Reclamation
- Reclamation for Small Operators

**Potential Field Tours:**
- Powder River Basin Coal Mine and Wind Farm development-overnight
- Wamsutter Gas Field Reclamation and Wyoming Pipe Line Corridor
- Northern Colorado Forest Fire Reclamation
- In-situ Uranium Mine

**Submitting an Abstract:**
Please submit your abstract **electronically** for oral or poster presentation by **November 30, 2012**. Abstracts will be reviewed for scientific content and relationship to the tentative **Technical Sessions** identified above by the various Technical Division Chairs. If accepted, oral or poster paper presenters have the option to submit a written manuscript. If you choose to submit a written manuscript, then you must submit a draft copy **electronically** of
the full paper for review by January 21, 2013. Technical review of the paper will be conducted by appropriate ASMR Technical Divisions. If the draft paper is accepted, the authors must submit their final manuscript as an electronic copy by April 8, 2013. Final manuscripts must use either MS Word or WordPerfect PC software. Authors have the option of placing their PowerPoint presentations on a thumb drive or a CD ROM. The full-length paper and/or abstract will be published as a CD ROM and distributed at the Conference. The abstract format to use 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 his/her name. The text of your abstract should use 12 point font size with the font face of your choice. The margins of the text should be 1 inch for both left and right side. Units of measure are to be expressed in SI Units, such as g m^{-2} (grams per square meter), mmols kg^{-1} (millimole per kilogram). Non-SI Units and English units are to be avoided. The use of color graphics and electronic images is encouraged, as the Conference Proceedings will be published in CD-ROM format. Please indicate the Technical Session in which you think your paper should be considered from the list on the announcement page. Identify additional key words. Indicate title and organization for each author.

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

1 Oral paper was presented at the 2013 National Meeting of the American Society of Mining and Reclamation, Laramie, WY Reclamation Across Industries, June 1 – 6, 2013. R.I. Barnhisel (Ed.) Published by ASMR, 3134 Montavesta Rd., Lexington, KY 40502.
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 and requests for additional information should be sent with form below to: ASMR c/o Dr. Richard Barnhisel, American Society of Mining and Reclamation, 3134 Montavesta Rd., Lexington, KY 40502; E-mail: asmr5@insightbb.com Phone: (859) 351-9032.
Name of Corresponding author: _____________________________________________
AGENCY/COMPANY: _____________________________________________
ADDRESS: __________________________________________________________
____________________________________________________________________
CITY, STATE, ZIP: ____________________________________________________
TELEPHONE: ____________________ FAX: ____________________
E-MAIL: _____________________________________________________________

Oral Presentation:
Check one category below:
_____ Research Paper
_____ Case Study
_____ Demonstration Project
_____ Other
Will you submit a written paper? Yes____ No ____

Poster Presentation:
Check one category below:
_____ 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 ______