



| Monday, 13 May  |  |
|---|--|
| 7am   | 9:10am   |
| Registration - Short Course 101 and 301<br>Pantlind Concourse (2nd level)   | 101c - SC 101- Coal Combustion Products<br>Pantlind Ballroom (gold)  |
| Breakfast - Short Course 101 and 301<br>Ambassador Ballroom (2nd Level)   | 9:45am   |
| 8am   | 101d - SC 101- The Nature of Poned Ash<br>Pantlind Ballroom (gold)   |
| 101a - SC 101- Introduction to Coal Combustion Ash<br>Pantlind Ballroom (gold)  | 10am   |
| 301a - SC 301- Introduction<br>Imperial Ballroom (bank)   | 301 Short Course - Coffee Break<br>Pantlind Concourse (2nd level)  |
| 8:15am  | 10:20am  |
| 301b - SC 301- Geochemistry of CCP in the Subsurface<br>Imperial Ballroom (bank)  | 101 Short Course - Coffee Break<br>Pantlind Concourse (2nd level)  |
| 8:35am  | 10:30am  |
| 101b - SC 101- Lab Tests for Ash Characterization<br>Pantlind Ballroom (gold)   | 301d - SC 301- Introduction and Approaches to Modeling, Difference between Geochemical and Flow Modeling<br>Imperial Ballroom (bank) |
| 9am   | 10:40am  |
| 301c - SC 301- Empirical Observations and Unresolved Questions on CCP Leaching: 40 years of EPRI Research<br>Imperial Ballroom (bank) | 101h - SC 101- Use of Coal Combustion Products in Cementitious Materials<br>Pantlind Ballroom (gold)                                 |
|   | 11:15am  |
|   | 101f - SC 101- Coal Combustion Ash Management Practices<br>Pantlind Ballroom (gold)  |
|   | 12pm   |
|   | 301e - SC 301- Modeling Attenuation and Reversibility<br>Imperial Ballroom (bank)  |
|   | 101 and 301 Short Course - Lunch<br>Ambassador Ballroom (2nd Level)  |
|   | 1pm  |
|   | Exhibit Hall Set Up<br>Exhibit Hall A, B, C  |
|   | 301f - SC 301- Uncertainty, Interpretation, and Application of Geochemical Modeling Results and Data<br>Imperial Ballroom (bank)     |
|   | 2:30pm   |
|   | 301h - SC 301- Geochemical Changes Observed at CCP Sites After Closure<br>Imperial Ballroom (bank)                                   |
|   | 2:55pm   |
|   | 101 Short Course - Coffee Break<br>Pantlind Concourse (2nd level)  |
|   | 3pm  |
|   | 301 Short Course - Coffee Break<br>Pantlind Concourse (2nd level)  |
|   | 3:15pm   |
|   | 101j - SC 101- Utilization Trends is CCPs<br>Pantlind Ballroom (gold)  |
|   | 3:30pm   |
|   | 301i - SC 301- Geochemistry for Key CCP Management Decisions and Closing Remarks<br>Imperial Ballroom (bank)                         |
|   | 5pm  |
|   | Welcome Reception<br>Exhibit Hall C  |
|   | 2:20pm   |
|   | 101i - SC 101- Advanced Beneficiated Materials and Non-Cement Uses of Ash<br>Pantlind Ballroom (gold)                                |



## Tuesday, 14 May

### 7am

Breakfast  
Exhibit Hall C

Registration  
Outside of Ramme

Exhibit Hall Open  
Exhibit Hall A, B, C

### 8am

Plenary Session  
Ballrooms B, C, D

### 8:30am

CLOSED Meeting – MCAA  
Chase Boardroom

### 10am

Coffee Break  
Exhibit Hall C

### 10:30am

Beneficiation and Processing 1 -  
Beneficiation and Processing 1  
Caylor Room

Emerging Technologies 1 - Emerging  
Technologies 1  
McKinley Room

Regulatory Issues 1 - Regulatory Issues 1  
Cain Room

Geotechnical 1 - Geotechnical 1  
Manz Room

Project Specific Cases 1 - Project Specific  
Cases 1  
Kruger Room

Cement and Concrete 1 - Cement and  
Concrete 1  
Ramme Room

Panel Discussion - 'Utility Perspectives on  
Beneficial Use of Harvested CCR'  
Adams Room

Groundwater and Environment 1 -  
Groundwater and Environment 1  
Robl Room

Landfill and Pond Issues 1 - Landfill and  
Pond Issues 1  
Goss Room

Mining and Reclamation 1 - Mining and  
Reclamation 1  
Marksberry Room (B)

Ash Management 1 - Ash Management 1  
Marksberry Room (A)

CLOSED - networksY & Ashcor meeting  
Chase Boardroom

### 11:30am

WWCCPN Meeting - CLOSED Meeting -  
WWCCPN Meeting  
Chase Boardroom

### 12pm

Lunch  
Exhibit Hall C

### 1pm

Beneficiation and Processing 2 -  
Beneficiation and Processing 2  
Caylor Room

Emerging Technologies 2 - Emerging  
Technologies 2  
McKinley Room

Regulatory Issues 2 - Regulatory Issues 2  
Cain Room

Cement and Concrete 2 - Cement and  
Concrete 2  
Manz Room

CCP Chemistry and Classification 1 - CCP  
Chemistry and Classification 1  
Kruger Room

Environmental Issues 1 - Environmental  
Issues 1  
Ramme Room

Panel Discussion - 'Implementing the Final  
CCR Legacy Rule'  
Adams Room

Groundwater and Environment 2 -  
Groundwater and Environment 2  
Robl Room

Landfill and Pond Issues 2 - Landfill and  
Pond Issues 2  
Goss Room

Environmental Ash Management 1  
Marksberry Room (B)

Impoundment and Ponds 1  
Marksberry Room (A)

### 3:30pm

Poster Session - Poster Session/Happy  
Hour  
Exhibit Hall C

### 4:30pm

Invite Only - Harvested CCR Consultation  
Forum  
Caylor Room

## Wednesday, 15 May

### 7am

Breakfast  
Exhibit Hall C

Registration  
Outside of Ramme

Exhibit Hall Open  
Exhibit Hall A, B, C

### 8am

Beneficiation and Processing 3 -  
Beneficiation and Processing 3  
Caylor Room



Continued from **Wednesday, 15 May**

Emerging Technologies 3 - Emerging Technologies 3  
McKinley Room

Regulatory Issues 3 - Regulatory Issues 3  
Cain Room

Geotechnical 2 - Geotechnical 2  
Manz Room

Project Specific Cases 2 - Project Specific Cases 2  
Kruger Room

CCP Chemistry and Classification 2 - CCP Chemistry and Classification 2  
Ramme Room

Panel Discussion - Panel Discussion - Legacy Stockpiles of Coal Derived Fly Ash (CDFA) in the United Kingdom and Associated Research  
Adams Room

Groundwater and Environment 3 - Groundwater and Environment 3  
Robl Room

Groundwater and Environment 4 - Groundwater and Environment 4  
Goss Room

Landfill and Pond Issues 3 - Landfill and Pond Issues 3  
Marksberry Room

**10am**

Coffee Break  
Exhibit Hall C

**10:30am**

Landfill and Pond Issues 6 - Landfill and Pond Issues 5  
Caylor Room

Geotechnical 3 - Geotechnical 3  
McKinley Room

Cement and Concrete 3 - Cement and Concrete 3  
Cain Room

CCP Storage and Management 1 - CCP Storage and Management 1  
Manz Room

Rare Earth Elements 1 - Rare Earth Elements 1  
Kruger Room

Disposal and Waste 1 - Disposal and Waste 1  
Ramme Room

Panel Discussion - 'Expert Perspectives on the U.S. Coal Combustion Products Market - Now, Then, and the Future'  
Adams Room

Groundwater and Environment 5 - Groundwater and Environment 5  
Robl Room

Groundwater and Environment 6 - Groundwater and Environment 6  
Goss Room

Landfill and Pond Issues 4 - Landfill and Pond Issues 4  
Marksberry Room

**12pm**

Lunch  
Exhibit Hall C

Student Lunch - Invitation Only - Student Lunch  
Atrium Room

**1pm**

Regulatory Issues 4 - Regulatory Issues 4  
Caylor Room

Beneficiation and Processing 4 - Beneficiation and Processing 4  
McKinley Room

Emerging Technologies 4 - Emerging Technologies 4  
Cain Room

CCP's and Sustainable Construction 1 - CCP's and Sustainable Construction 1  
Manz Room

Mining and Reclamation 2 - Mining and Reclamation 2  
Kruger Room

Hydrology and Leaching 1 - Hydrology and Leaching 1  
Ramme Room

Panel Discussion - 'Leachate Ponds, To Treat or Not to Treat, From Proposed Effluent Limitation Guidelines to Technologies That Can Meet Them'  
Adams Room

Groundwater and Environment 7 - Groundwater and Environment 7  
Robl Room

Groundwater and Environment 8 - Groundwater and Environment 8  
Goss Room

Landfill and Pond Issues 5 - Landfill and Pond Issues 6  
Marksberry Room

**2:30pm**

Panel Discussion - 'Water Removal and Treatment Technology'  
Adams Room

**3:30pm**

Refresher Break  
Exhibit Hall C

**3:45pm**

Exhibit Hall Breakdown  
Exhibit Hall A, B, C

**6pm**

WOCA 2024 Off-Site Reception  
Grand Rapids Public Museum



## Thursday, 16 May

### 7am

Breakfast and Registration  
Outside of Ramme

### 8am

Landfill and Pond Issues 7 - Landfill and  
Pond Issues 7  
Caylor Room

Geotechnical 4 - Geotechnical 4  
McKinley Room

Project Specific Cases 3 - Project Specific  
Cases 3  
Cain Room

Cement and Concrete 4 - Cement and  
Concrete 4  
Manz Room

CCP Storage and Management 2 - CCP  
Storage and Management 2  
Kruger Room

Rare Earth Elements 2  
Ramme Room

Groundwater and Environment 9 -  
Groundwater and Environment 9  
Adams Room

### 10am

Coffee Break  
Outside of Ramme

### 10:30am

Groundwater & Environment 11 -  
Groundwater & Environment 11  
Caylor Room

Landfill and Pond Issues 8 - Landfill and  
Pond Issues 8  
McKinley Room

Beneficiation and Processing 5 -  
Beneficiation and Processing 5  
Cain Room

Emerging Technologies 5 - Emerging  
Technologies 5  
Manz Room

Project Specific Cases 4 - Project Specific  
Cases 4  
Kruger Room

Groundwater and Environment 10  
Ramme Room