Coal Ash Management a Key Funding Area of EREF Research

Raleigh, NC (December 29, 2014) – On Friday, December 19 the United States Environmental Protection Agency (EPA) issued rules regulating the disposal of coal combustion residuals (coal ash) under Subtitle D of the Federal Resource Conservation and Recovery Act (RCRA). In recent years, coal ash management has been a key funding area for the Environmental Research & Education Foundation (EREF), one of the largest sources of solid waste research funding in North America. A synopsis of these projects can be found at the links below.

Immobilization of Heavy Metals by Solidification/Stabilization in Challenging Coal Fly Ash and in Co-Disposed Coal Fly Ash and Concentrated Brines  
**Investigator:** Georgia Tech Research Corporation  

Water Repellency for Ash Containment and Reuse  
**Investigator:** University of North Carolina Charlotte  

A New Hazard Assessment Protocol for Coal Combustion Products  
**EREF Scholar:** Grace Schwartz, Duke University  

Recovering Strategic Metals from Fly Ash  
**EREF Scholar:** Ross Taggart, Duke University  

Waste as Resources: Utilization of Coal Combustion By-products in the United States  
**EREF Scholar:** Joo Young Park, Yale University  

Coal ash is a significant solid waste stream and the manner in which it is managed is changing. EREF has funded a number of projects focused on developing ash management techniques that mitigate risk, beneficial re-use, and recovery of re-usable constituents in ash. “EREF is committed to advancing unbiased, credible science in this critical area of waste management, which in turn can lead to more efficient and sustainable techniques,” noted Bryan Staley, EREF’s President and Chief Executive Officer.
EREF is a 501(c)3 class charity that funds and directs scientific research and educational initiatives for waste management practices to benefit industry participants and the communities they serve. For more complete information on EREF funded research, its scholarship program and how to donate to this great cause, visit www.erefdn.org.

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Media Contact:
Kristy Pickurel
Director, Development & Communications
919.861.6876 ext. 103
kpickurel@erefdn.org