



Dear Colleague,

You are cordially invited to attend the U.S. Department of Energy, National Technology Laboratory's (NETL) 2020 Annual Spring Review Meeting to be held on April 21-23, 2020 at the Omni William Penn Hotel, Pittsburgh, PA. Presented will be projects from Crosscutting Research, Rare Earth Elements (REE), Gasification Systems, Transformative Power Generation, and Advanced Coal Processing programs.

NETL's mission is to discover, integrate, and mature technology solutions to enhance the nation's energy foundation and protect the environment for future generations.

The Crosscutting Research programs foster and accelerate broadly-applicable technology in the areas of sensors and controls, cybersecurity, modeling and simulation, water management, and high-performance materials.

The REE program is focused on the development of separation technologies and process operating systems that will provide an economically competitive and sustainable domestic supply of rare earth elements and minerals from coal and coal by-products to assist in maintaining our Nation's economic growth and National Security.

The Gasification Systems program advances technologies for modular coal gasification, air separation, and reactor engineering design for affordable and cleaner electricity production and high-value products, such as fuels and chemical, while opening new market opportunities for domestic coal.

The Transformative Power Generation program develops technologies to improve performance and extend the life of existing power plants, and also focuses on next generation modular coal-fired power plants providing stable power generation with operational flexibility and high efficiency.

The Advanced Coal Processing program focuses on both enhancing the value of coal as a feedstock and developing new high-value products derived from coal. Research includes testing of laboratory and pilot scale technologies to produce upgraded coal feedstocks and additional revenue producing products. Expanding existing coal property databases assists research efforts and informs potential consumers in domestic and global coal markets.

The Crosscutting Research Portfolio also includes the University Coal Research and Historically Black Colleges and Universities and Other Minority Institutions Programs. NETL fulfills an educational mission with this meeting by providing a forum for the sponsored engineering and science students to showcase their yearly progress and accomplishments.

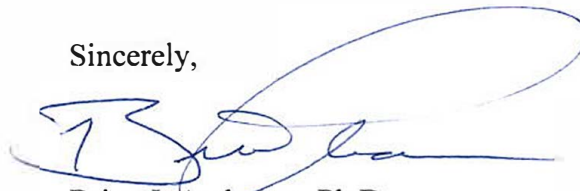
As you attend the review meeting, you are welcome and encouraged to participate in all the program tracks. The meeting is open to all interested parties and is intended to examine the progress reached on projects in the research portfolio, including projects conducted at NETL's Research and Innovation Center.

In addition to researchers of the projects in the portfolio, participants may include employees of other government agencies, electric utilities, research organizations, and industry.

The Meeting will be Open to the Public and Foreign Nationals may attend the meeting. Only publicly available information will be presented.

For further information regarding the draft agenda, hotel, transportation, directions, and registration, visit our website at <https://netl.doe.gov/events/Spring-Review-2020>

Sincerely,

A handwritten signature in blue ink, appearing to read "Brian J. Anderson", with a large, sweeping flourish above the name.

Brian J. Anderson, Ph.D.
Director