



## Rare Earth Elements from Coal and Coal By-Products

Mary Anne Alvin  
National Energy Technology Laboratory

DOE-NETL's Feasibility of Recovering Rare Earth Elements Program has demonstrated the capability of generating rare earth elements (REEs) from coal and coal by-products. R&D efforts are now focused on extracting, separating, and recovering REEs in domestic, bench- and small pilot-scale, coal-based, REE-processing facilities. An overview of DOE-NETL's REE Program and its technical accomplishments is presented.

