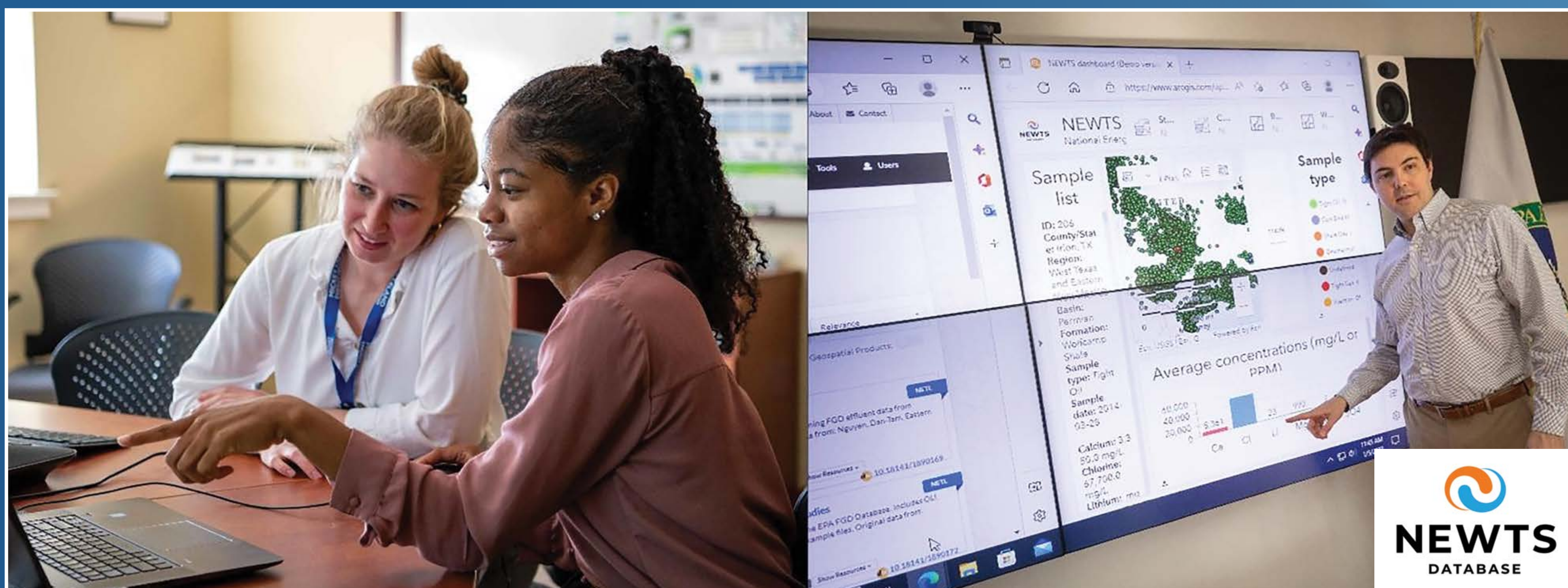


NETL-DEVELOPED ONLINE DATABASE BRINGS ENERGY-RELATED WASTEWATER STREAM DATA TO PUBLIC'S FINGERTIPS

Database also identifies energy-related wastewater streams that are rich in critical minerals (CMs), including rare earth elements (REEs).



NETL's Madison Wenzlick (far left), Alexis Hammond, a Mickey Leland Energy Fellowship summer fellow, and Nicholas Siefert (far right) discussing the recently developed NEWTS database.

The National Energy Water Treatment and Speciation (NEWTS) Database and Dashboard provides information at no cost about toxins, metals and other hazardous materials found in energy-related wastewater streams, which include power plant leachate, acid mine drainage, brackish water and oil and gas produced water.

- The data can be used to mitigate environmental risks and identify possible sources of valuable CMs and REEs.
- Researchers and members of the public can input the data into computer software to develop appropriate remediation steps.
- Future releases will include additional large datasets of energy-related water samples with accompanying compositions.

RESEARCH PRIORITY



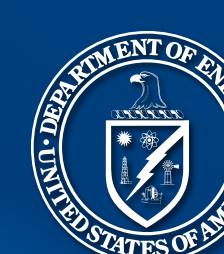
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