Updated June 2023

By the Numbers
Savannah River Site National Laboratory

The Savannah River National Laboratory (SRNL) is EM's multi-program national laboratory that puts science to work to provide practical, cost-effective solutions for our nation's environmental cleanup. In this capacity, SRNL uses its expertise and applied technology capabilities to assist sites across the DOE complex in reducing cost and accelerating the cleanup mission. Originally established in 1951 as Savannah River Laboratory, SRNL was created to support the Savannah River Site in producing the basic materials necessary for the fabrication of nuclear weapons, primarily tritium and plutonium-239. Based on this national security heritage, SRNL also protects the nation by supporting the mission of the National Nuclear Security Administration. As its enduring mission moves forward, SRNL is leveraging its capabilities to expand research and development efforts in support of energy security, science discovery and DOE's legacy management of closed sites.

3 Mission Areas

- Environmental and Legacy Management
- National Security
- Science and Energy Security

7 Core Competencies

- Accelerating remediation, minimizing waste & reducing risks
- Enabling next-generation nuclear materials processing & disposition
- Creating manufacturing solutions for EM, NNSA & energy security
- Assuring production & supply of strategic materials & weapons components
- Sensing, characterizing, assessing & deterring nuclear proliferation
- Engineering new materials & their applications with data-driven modeling and simulation
- Securing connected control systems & associated data

500+ **patents** associated with SRNL since the 1950s.

>50 **countries** have collaborated with SRNL.

$5B+ **in complex-wide savings** for the EM program due to innovations developed in the past 10 years.

7 Unique Facilities & Areas

- Shielded Cells Facility
- Ultra-low-level Underground Counting Facility
- Outfall Constructed Wetland Area
- Radiological Testbed Facilities
- FBI Radiological Evidence Examination Facility
- Atmospheric Technology Center
- Advanced Technology Proving Ground

500+ **research staff,** including scientists, engineers, and technicians.

40% of the research staff **hold PhDs.**

New in 2023

- The General Accounting Office estimates a cost saving of up to 90% if ALTEMIS (Advanced Long-Term Environmental Monitoring Systems) is deployed at all DOE EM legacy management sites for long-term monitoring of groundwater contamination.
- Six Network of National Laboratories for Environmental Management & Stewardship reviews completed with recommendations for reducing risk and accelerating the EM mission.

U.S. DEPARTMENT OF ENERGY | OFFICE OF ENVIRONMENTAL MANAGEMENT