



NATURAL RESOURCES RESEARCH INSTITUTE

SUSTAINABILITY AND INNOVATION



University of Minnesota is requesting a one-time \$10M state general fund investment at NRRI to deliver applied research focused on Minnesota's future. HF3048/SF2905

Minnesota is facing significant global challenges. Through partnerships and an integrated research model, NRRI creates the information, tools and technologies to reduce risk and support sound, long-term decisions for Minnesota.

Request Details

INVESTMENT #1 Lab Expansion at NRRI Duluth Facility (\$4-6M)

- **Problem:** Larger and more complex research demands expanded infrastructure.
- **Request:** New flexible laboratory space to house state-of-the-art instrumentation and researchers in aquatic ecology, water management, forestry, and wildlife studies and minerals research.
- **Innovation:** Space will be strategically designed to adapt to multiple uses as research needs change.
- **Impact:** Increase research capacity and turn-around, update analytical tools, provide students opportunities in applied research, engage collaborators and partners, deliver science that brings value to Minnesota.

INVESTMENT #2 New Mineral Processing and Metallurgy Building at NRRI Coleraine (\$4-5M)

- **Problem:** 1930s-era buildings present difficulties in supporting state-of-the-art equipment needs and capabilities expansion.
- **Request:** A new mineral processing facility to engage industry partners and demonstrate emerging technology opportunities.
- **Innovation:** NRRI is investing in globally-unique equipment and capabilities to support the Iron and Minerals of the Future Initiative with State, Federal and Industry support.
- **Impact:** Enhanced Minnesota minerals portfolio coupled with reduced carbon footprint, reduced energy/water consumption, and enhanced management of environmental impacts.

Natural Resources Research Institute

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MISSION: Deliver integrated research solutions that value resources, economy, and environment for a sustainable and resilient future.