



## USER FACILITIES

INL is a critical hub for performing research, design, development and deployment. Excelling in our mission requires the ability to connect vitally important INL facilities to national and international industries, universities, and other national laboratories. INL runs three major user facilities open to the international community.

### **NUCLEAR SCIENCE USER FACILITIES**

The Nuclear Science User Facilities (NSUF) are part of a growing number of Department of Energy user facilities in the U.S., and is the nation's only designated nuclear energy user facility. Through a peer-reviewed proposal process, NSUF provides external research teams cost-free access to reactor, post-irradiation examination and beamline capabilities at INL and

a diverse mix of affiliated partner institutions at universities, national laboratories and industry facilities located across the country.

### **BIOMASS FEEDSTOCK NATIONAL USER FACILITY**

Researchers work with producers of their specific biofuels and bioproducts to reduce biomass feedstock variability and produce high quality feedstock from grass, wood, and agricultural residues. Facilities include pilot-and-bench-scale preprocessing units for feedstock drying, size and ash reduction, blending and densification, plus laboratories for physical and chemical analyses of resulting biomass and engineered biomass feedstocks.

### **WIRELESS NATIONAL USER FACILITY**

The unique capabilities of INL's Wireless National User Facility enables federal, industrial, and academic researchers to accelerate technology deployment of advanced wireless communication technologies to address national challenges within the National Broadband Plan for national defense, public safety, infrastructure security, communications interoperability and spectrum utilization.

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