

Manager, Building and Fire Codes and Standards

Building and Fire Research Laboratory
National Institute of Standards and Technology
Gaithersburg, MD 20899

The Building and Fire Research Laboratory (BFRL) at NIST is conducting a nation-wide search for an engineer or physical scientist to manage its activities related to building and fire codes and standards. This is a full-time permanent position at the ZP-4/5 level (equivalent to GS-14/15).

The *Codes and Standards (C&S) Manager* will develop and implement a NIST-wide strategy, including needed supporting research, to provide the technical basis resulting in improvements to U.S. model building and fire codes and standards, as well as relevant international standards, to support BFRL strategic goals in areas of critical national need, viz.:

- net-zero energy high-performance buildings,
- advancing physical infrastructure delivery,
- sustainable infrastructure materials,
- innovative fire protection, and
- disaster-resilient structures and communities.

An integral part of this process will be to develop, implement, and maintain strategic partnerships and strong working relationships with national and international building and fire standards and codes development organizations in areas underpinning these strategic goals. The C&S Manager also will be called upon to advise the BFRL Director on actions required to strengthen the impact of results from BFRL programs supporting its strategic goals on U.S. and international codes and standards.

The C&S Manager will be expected to contact and engage leading architects and engineers in the building and fire safety industries; standards and model code development organizations in the U.S. and internationally at the executive level; researchers in building energy, building materials, design and construction processes, fire protection, structural safety and performance, earthquake risk mitigation, and emergency response; insurers, risk analysts, and product testing/certifying organization leaders; government planners, government facility owners and managers, and emergency response agencies at the GS-14/15 level and higher; and senior NIST managers, researchers, and staff involved with codes and standards.

The C&S Manager must possess broad knowledge of U.S. building and fire standards and codes and their development systems and processes; must have extensive experience in engineering, the physical sciences, or emergency management in one or more areas of strategic importance to BFRL and the nation, namely:

- Energy efficiency and renewable energy;
- Building materials and materials flammability;
- Interoperability/Building Information Modeling (BIM) and/or sensing/automation/control;
- Fire protection in buildings and in wildland-urban interface areas; or
- Disaster resilience of structures (e.g., wind, progressive collapse, earthquakes, fires).

The C&S Manager must have significant experience in program planning, development, implementation, and outreach, including skill in communicating in writing and in person, and an ability to build and maintain collaborative relationships.

For more information on BFRL or NIST, go to <http://www.nist.gov/> to apply for this position, visit USA Jobs: <http://www.usajobs.gov/>. The vacancy announcement number is **NISTBFRL-2010-0008**. The application process will remain open through **March 29, 2010**.