

# Critical Infrastructure Protection (CIP) Program

## George Mason University School of Law



# CIP Program Background

- Received initial funding in 2002 through the National Institute of Standards and Technology (NIST)
- Expanded project features core research (NIST-funded) and contracted research projects
- Major contracts have included work for the U.S. Department of Homeland Security and U.S. Department of Energy

# CIP Program Mission

- **Integrate** basic and applied **research** in the disciplines of law, policy, and technology
- Perform **timely and focused analysis** of current issues
- **Convene critical communities** for action
- Conduct **outreach and awareness** for key decision-makers and stakeholders

# CIP Program Vision

- Serve as a valuable **multi-institutional resource** for providing innovative, original research
- Serve as a **national forum** for exploring concepts and developing real-world solutions for protecting the Nation's critical infrastructure and key resources (CI/KR)
- Enhance preparedness, protection, and resilience of critical infrastructure by:
  - Performing analyses and advising on key CIP issues and research trends
  - Leading scholarly discussion
  - Promoting industry awareness
  - Supporting public-private partnerships and initiatives

# CIP Program Basic and Applied Research

Research topics include:

- Cyber security
- Physical security
- Information sharing between public and private sectors
- Privacy concerns
- Risk management, including enterprise risk management
- Resilience of CI/KR
- Energy infrastructure recovery and reconstruction
- Structures and economic value of CI/KR sectors
- Regional, State, and local issues
- Evolution of CIP

# CIP Program Outreach and Awareness

Outreach efforts include:

- ***The CIP Report***, a monthly, electronic newsletter for stakeholders from the public and private sectors, academia, international organizations, and other entities concerned with critical infrastructure
  - The inaugural issue was released in July 2002, and all issues are publicly available in *The CIP Report Archive* ([http://cipp.gmu.edu/report/cip\\_reportarch.php](http://cipp.gmu.edu/report/cip_reportarch.php))
- **CIP Library** (<http://cipp.gmu.edu/clib/>), a digital library that features numerous webpages housing a wealth of information on CIP, as well as on CIP Program-sponsored research and topics such as infrastructure recovery and restoration
- **Workshops, seminars, and conferences** held to facilitate stakeholder discussion of key CIP and homeland security issues and address common interests

# CIP Program General Information

Research products and information on various CIP Program efforts can be found on the Program's website at <http://cipp.gmu.edu/>

CIP Program staff can be reached at  
(703) 993-4840 (main line)  
(703) 993-4847 (fax)