

Homeland Security Risk Analysis Program

Informing the Decisions that Protect the Nation

The Nation's Federal, State, local, and private sector leaders require a common understanding of the myriad risks facing the country, and the tools, methodologies, and approaches to translate that shared understanding into actionable risk mitigation strategies. The Homeland Infrastructure Threat and Risk Analysis Center (HITRAC) serves this national mission through its Homeland Security Risk Analysis Program, designed to fill the gap between the theory of risk management, and its successful application by public and private sector partners.

Steady-State Programs

HITRAC analyzes the totality of risks to the Nation through its Risk Analysis Framework, including current and future risks. HITRAC avoids a Federal-focus, instead providing analysis that recognizes the vital importance of State, local, and private sector partners.

- **National Infrastructure Risk Analysis Program (NIRAP):** Conducts risk-informed analysis to support decision makers with the information necessary to develop sound risk management strategies. Responsible for developing the annual National Risk Profile, the new unclassified National Risk Baseline, and issue-specific assessments for the homeland security community.
- **Long-Range Planning and Analysis Program (LRPAP):** Designed to fill gaps in the Department's strategic planning and decision-making by assessing current and future trends, and identifying opportunities to shape the future risk environment to the betterment of the Nation.
- **Infrastructure Risk Analysis Partnership Program (IRAPP):** New program to build the risk analysis and planning capabilities of State and local partners. Developing a Risk Leaders Forum set to kick-off in May 2009, actively pushing information to all 56 States and Territories through a newsletter, and engaged in customized development work with over 12 States and one city.
- **National Critical Infrastructure Prioritization Program (NCIPP):** Supports steady state and incident management prioritization domestically through the Tier 1 and Tier 2 process, and internationally through the Critical Foreign Dependencies Initiative.
- **Critical Infrastructure Red Team (CIRT):** Enhances the homeland security community's understanding of risks by introducing a synthesis of operational planning and simulated terrorist intelligence capabilities to identify strategic vulnerabilities in the Nation's risk management strategies.
- **Risk Development Program:** Manages applied research to advance the state of homeland security risk analysis using transparent and defensible approaches.
- **National Infrastructure Simulation and Analysis Center (NISAC):** Congressionally mandated program to combine the unique advanced analytic capabilities of Los Alamos and Sandia National Laboratories.

Incident Management Capabilities

During incidents, HITRAC mobilizes its Incident Risk Analysis Cell (iRAC), which harnesses the full breadth of HITRAC's steady-state programs and capabilities to provide actionable analysis for decision makers, including input from HITRAC's threat analysts, and high fidelity consequence modeling provided by NISAC.