



The University of  
Texas at Dallas



Canada's Capital University

**WORKSHOP**  
**NORTH AMERICAN ENERGY INFRASTRUCTURE PROTECTION AND POLICIES:**  
**PRIORITIZING A RESEARCH AGENDA**

Canadian Centre of Intelligence and Security Studies,  
The Norman Paterson School of International Affairs,  
Carleton University, Ottawa, Ontario  
and

CyberSecurity and Emergency Preparedness Institute  
Erik Jonsson School of Engineering and Computer Science  
The University of Texas at Dallas, Texas

The purpose of this workshop is to identify priority areas for future research pertaining to Critical Energy Infrastructure Protection and Policy (CEIPP). The workshop will bring together academics from the relevant disciplines, along with representatives of governments (federal and state/provincial) and private sector operators with the aim of building consensus and creating inter-institutional synergy for the development of a CEIPP Security and Policy research agenda.

The format for the CEIP Policy Research workshop would involve speakers from the various disciplines assessing the current state of research in key areas of CEIPP directing attention at future research requirements. The morning presentations would be followed by an afternoon roundtable discussion involving the speakers and participants. The objective will be to develop a consensus as to future priorities for CEIPP research, including some indication as to the availability of funding resources to implement this research agenda.

**Monday, January 30, 2006**

2:00 – 4:00 PM Workshop Registration  
4:00 – 4:15 PM Welcome and Introduction of Keynote Speaker  
4:15 – 5:15 PM Keynote Address - Historical Evolution of CEI Protection and Policy  
5:30 – 6:15 PM Plenary discussion on workshop agenda  
6:15 – 8:00 PM Reception and Networking

**Tuesday, January 31, 2006**

7:45 – 8:15 AM Continental Breakfast and Continue Registration

8:30 – 9:30 AM Panel #1 - Research on Threat Assessments

- a. Terrorist ideology and motivations
- b. Terrorist strategy and tactics targeting the energy sector
- c. Terrorist networks in North America

9:30 – 10:30 AM Panel #2 - Research on Vulnerability Assessments

- a. Upstream/downstream vulnerability assessments
- b. Inter-industry vulnerability assessments
- c. Technology vulnerability assessments
- d. Human resource vulnerability assessments



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10:30 – 11:00 AM Break and Networking

11:00 – 12:30 PM Panel #3 - Research on Engineering Solutions

- a. Infrastructure surveillance and protective security technology
- b. Blast protection
- c. Fire protection
- d. Cyber-security
- e. Personnel security technology

12:30 – 2:00 PM Lunch with Keynote Speaker

2:00 – 3:00 PM Panel #4 - Research on Policy Responses

- a. North American/Hemispheric integration and coordination
- b. National (Federal) level policy
- c. State/Provincial level policy
- d. Industry policy and practice

3:00 – 4:00 PM Four Breakout Sessions by Panel Topics

4:30 – 5:30 PM Plenary Session to Report Results of Break Out Sessions

5:30 PM Close Workshop

Organizers: Dr. Martin Rudner, Director, Canadian Centre of Intelligence and Security Studies, The Norman Paterson School of International Affairs, Carleton University, Ottawa, Ontario, Canada

Dr. Douglas Harris, Executive Director, CyberSecurity and Emergency Preparedness Institute, Erik Jonsson School of Engineering and Computer Science, The University of Texas at Dallas, Texas, USA