



**CROSSROADS OF AMERICA
CHAPTER**

Chapter Meeting

6:00 PM, Tuesday, November 13, 2018 www.incose-coa.org

Program: High Impact Threats to the Energy Sector and Interdependent Critical Infrastructures

In July 2011, the InfraGard National Board and the Federal Bureau of Investigation approved the formation of the InfraGard National Electro-magnetic Pulse Special Interest Group (EMP SIG) for the purpose of sharing information with selected members of the public and private sectors, about catastrophic threats to the nation's energy grid and its cascading effects on all other critical infrastructures.

High-impact threats are categorically different from many other threats or hazards for one principle reason. Unlike Hurricane Katrina, the BP oil spill or Superstorm Sandy which were regional events, allowing other areas of the nation to rally to the affected communities, high-impact events can occur over much of the country simultaneously, thereby limiting resources for response and recovery efforts. Instead of waiting for days or weeks, some regions could wait for months for any meaningful help to arrive.

This presentation dovetails into the cornerstone of InfraGard's mission which is: "to build partnerships in the public and private sectors, that foster trusted communication and the exchange of information for the safety and security of the American people, our critical infrastructures and the nation."

This presentation will:

- ❖ Provide an overview the EMP SIG's mission and its relationship with the national InfraGard organization and the INCOSE CIPR work group, both focused on improving the resilience of our critical infrastructure.
- ❖ Discuss attack vectors and threats – from cyber-attacks, space weather events, radio frequency weapons and electromagnetic pulse attacks caused by a nuclear detonation.
- ❖ Provide an overview of the national space weather and EMP strategy and action plans. Introduce the FY 2019 Pre-Disaster Mitigation grant program and why the EMP SIG is responding to it.
- ❖ Highlight the way forward, describe the next steps the EMP SIG is taking to plan, organize and implement conferences, workshops, table top and functional exercises designed to mitigate the threat from these low probability but high consequence attack vectors.

Speaker: Steve Pappas, former U.S. Army-active duty and reserve assignments, and Senior Planner at Indiana Department of Homeland Security



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Meeting Location / Host Site (see included directions and map to host site and parking)

Eli Lilly & Company
1200 West Morris Street – Building 301
Indianapolis, IN

Satellite Site

No satellite site this month

Remote Access: If you cannot attend at the host location, join us remotely:

Web access: <https://incose.pgimeet.com/GlobalmeetTwo> (join as a GUEST)

Audio: Toll Free: (719) 457-1414

Guest Passcode: 514 684 9877

Meeting RSVP

To assure we have a (complementary) meal and seat reserved for you, please email your plan to attend to rmdenoincose@gmail.com. You do not need to be an INCOSE member to attend!

If you plan on attending at the Eli Lilly host site, please confirm your plans per the directions above so that your name can be entered into the Eli Lilly security system.

Event Schedule

6:00 – 6:10	Arrival, Security Check In
6:10 – 6:30	Light Meal, Informal Networking
6:30 – 7:00	Business Meeting
7:00 – 8:00	Program
8:00 PM	Adjourn

Business Meeting

- Call to Order
- Approve Previous Chapter Meeting Minutes
- Treasurer's Report
- Old Business
- New Business



CROSSROADS OF AMERICA CHAPTER

Speaker Biographical Sketches:



Steve Pappas Biography

Over 30 years of experience in emergency management team building fostered through revised emergency management policy and plans in both the public and private sector. Contracted with FEMA Region VII in Kansas City, Missouri to re-write catastrophic incident annexes focusing on the life-line critical infrastructure sectors for the region's all-hazard response and recovery operations plan. Contracted with the Kindred Hospital network to meet Joint Commission compliance requirements pertaining to safety and emergency management.

Served as president of the Indiana chapter of the FBI sponsored InfraGard program, a non-profit organization dedicated to the protection of the United States, critical infrastructures and the American people. Currently a team member of InfraGard's Midwestern Region Electromagnetic Pulse Special Interest Group (EMP SIG). Co-authored the guidebook: *Powering Through, From Fragile Infrastructure to Resilient Communities* (2016). Contributed to public private sector relationships with InfraGard, state and local governmental homeland security agencies and non-governmental organizations. During this same period, developed and facilitated Homeland Security Exercise Evaluation Programs (HSEEP) from workshops to full scale exercises designed to validate those plans.

Over 26 years serving in U.S. Army active duty and reserve assignments. As a DoD contractor at Indiana University, developed policy, provided safety and security education, products and services to the US Navy, Marine Corps, US Army and Air Force installations worldwide. Following 9/11 2001, contributed to the development of a comprehensive safety and security program that became a national standard for a nationwide private sector water utility.

Senior planner at Indiana Department of Homeland Security, contributed to the first iteration of operational response plans for a statewide comprehensive emergency management plan and the state agency Emergency Support Functions. At the county level, served as a county level emergency management agency deputy director and chair of the Local Emergency Planning Committee.

Steve Pappas is currently the program director for the Knights of Columbus Council # 6138 and is the chair for the social and life commission for the Parish Council. He has written safety and security policy programs for his church and has interfaced with local law enforcement in Johnson County in an effort to ensure the security and safety of the school and its parishioners.



CROSSROADS OF AMERICA CHAPTER

Direction to Host Meeting Site: (Indianapolis)



Directions: Follow I-70 to the Harding Street exit. Follow Harding Street south and turn left (east) onto Morris Street. Follow Morris Street east to the Lilly Technology Center-North visitor entrance, shown here. Visitor parking is available in front of Building 301. Upon entering Building 301, proceed to the Security desk and check in. All visitors seeking access to any building at the Lilly Technology Center must present government-

issued identification (driver's license or passport) upon check-in. The security guard will issue a visitor badge and a Lilly host will escort you to the meeting room.

