



# Critical Infrastructure Resilience & Protection

## Special Report & Survey Results

## Special Report

# The Security of National Infrastructures

By Dennis Schrader, DP40



**WHO:** DomPrep40 plus DomPrep Readers

**WHAT:** A short survey and report

**WHEN:** February 2010

**WHERE:** Online at DomesticPreparedness.com and SurveyMonkey.com

**WHY:** To provide policy makers a snapshot of strengths, gaps, and weaknesses

This report and survey is the result of aggregating and compiling opinions of both the DomPrep40 and DomPrep Readers. Both groups were asked how they view the apparent transition from thinking in terms of critical infrastructure protection to thinking in terms of critical infrastructure resilience. To assist both groups in developing their own ideas and recommendations, Dennis Schrader, former FEMA deputy administrator for preparedness, drafted a seven-question to-the-point survey.

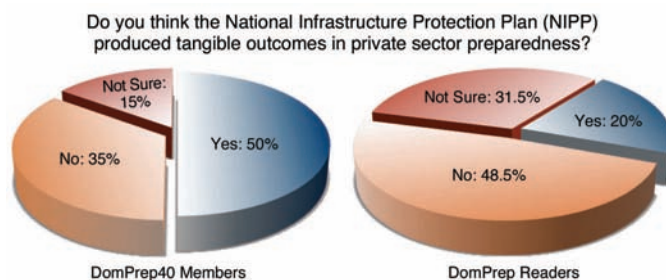
Schrader says, "The results are not surprising. We have work to do to create an integrated network of public safety officials and the engineering community."

**Key Finding:** DomPrep members are more skeptical than the DomPrep40 are about the tangible preparedness outcomes deriving from the National Infrastructure Protection Plan (NIPP) both in the private sector and in state and local public safety agencies.

Also not surprising is the fact that the survey reinforces the DomPrep40's poll results, suggesting that engineers are not, at present, well integrated into public safety planning. For that reason, as both groups – DomPrep Readers and the DomPrep40 – seemed to recognize, the public and private engineering communities and public safety disciplines must improve their interfaces.

## Here are the survey results:

Significantly more DomPrep Readers questioned whether the NIPP has produced tangible outcomes in private sector preparedness. A mere one-in-five said that it has, as compared to half of the DomPrep40.



## The DomPrep40

The DomPrep40 is an interactive advisory board of insider practitioners and opinion leaders who have been asked to offer advice and recommendations on pertinent issues of the day. Focusing primarily on all-hazard preparedness as well as response and recovery operations, they will be challenged to provide quantifiable feedback that will be shared with the DomPrep audience.

## DomPrep40 Members

**John F. Morton**  
*Strategic Advisor*

**James Augustine**  
*Chair, EMS and Emergency Department Physician*

**William Austin**  
*Chief, West Hartford Fire Department*

**Ann Beauchesne**  
*Vice President, National Security & Emergency Preparedness Department, U.S. Chamber of Commerce*

**Bruce Clements**  
*Public Health Preparedness Director, Texas Department of State Health Services*

**John Contestabile**  
*Former Director, Engineering & Emergency Services, Maryland DoT*

**Craig DeAtley**  
*Director for Institute for Public Health Emergency Readiness*

**Nancy Dragani**  
*Former President, National Emergency Management Agency (NEMA), Executive Director, Ohio Emergency Management Agency*

**Warren Edwards**  
*Major General USA (Ret.), Director, Community & Regional Resilience Institute (CARRI)*

**Katherine Fuchs**  
*Deputy Chief FDNY Emergency Medical Services Command*

**Ellen Gordon**  
*Member, Homeland Security Advisory Council and Naval Postgraduate School Center for Homeland Defense Security*

**Kay Goss**  
*Former Associate Director, National Preparedness Training & Exercises, FEMA*

**Steven Grainer**  
*Chief, IMS Programs, Virginia Department of Fire Programs*

## DomPrep40 Members

### Jack Herrmann

Senior Advisor, Public Health Preparedness, NACCHO

### James Hull

Vice Admiral USCG (Ret.), former Commander, Atlantic Area

### Harvey Johnson, Jr.

Vice Admiral USCG (Ret.), former Deputy Administrator & Chief Operating Officer, FEMA

### Dennis Jones, RN, BSN

Executive Consultant, Collaborative Fusion Inc.

### Robert Kadlec

Former Special Assistant to the President for Homeland Security and Senior Director for Biological Defense Policy

### Neil Livingstone

Chairman & CEO, Executive Action

### James Loy

Admiral USCG (Ret.), former Deputy Secretary, DHS

### Adam McLaughlin

Preparedness Manager, Port Authority of NY & NJ (PATH)

### Vayl Oxford

Former Director, Department of Homeland Security's Domestic Nuclear Detection Office (DNDO)

### Stephen Reeves

Major General USA (Ret.), former Joint Program Executive Officer for Chemical & Biological Defense, DoD

### Richard Schoeberl

Former Executive Federal Bureau of Investigation & the National Counterterrorism Center

### Dennis Schrader

Former Deputy Administrator, National Preparedness Directorate (NPD), FEMA

### Robert Stephan

Former Assistant Secretary of Homeland Security for Infrastructure Protection

### Joseph Trindal

Former Director, National Capital Region, Federal Protective Service, ICE

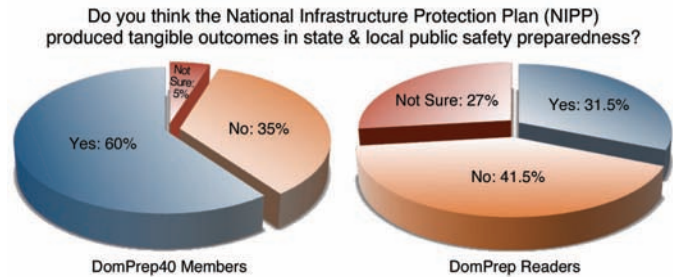
### Theodore Tully

Director, Trauma & Emergency Services, Westchester Medical Center

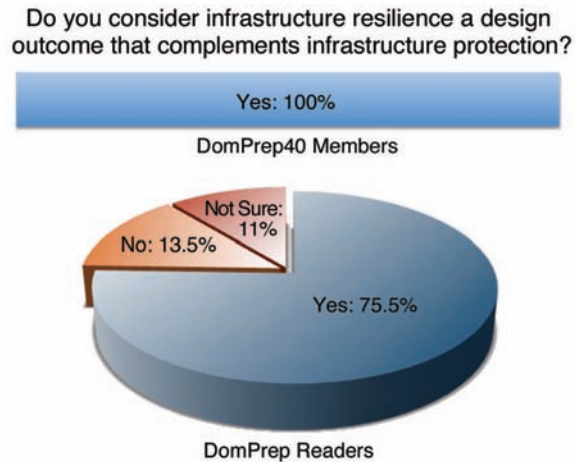
### Craig Vanderwagen

Former Assistant Secretary for Preparedness & Response, U.S. Department of Health & Human Services

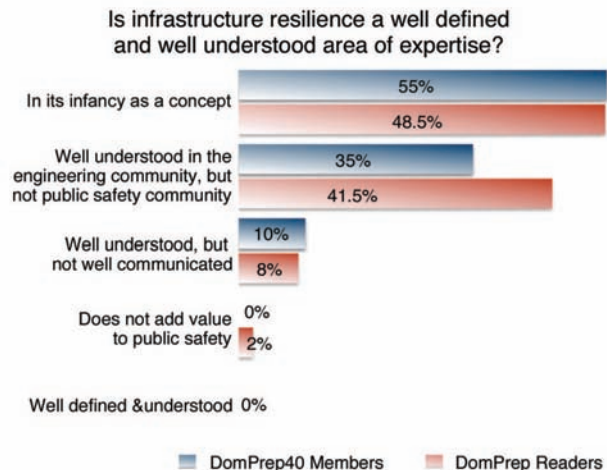
Just under one-in-three readers said that, in their opinion, the NIPP has produced tangible outcomes in state and local public safety preparedness. Almost two-in-three of the DomPrep40 agreed. Overall, with regard to the NIPP, DomPrep Readers were therefore more skeptical of NIPP outcomes.



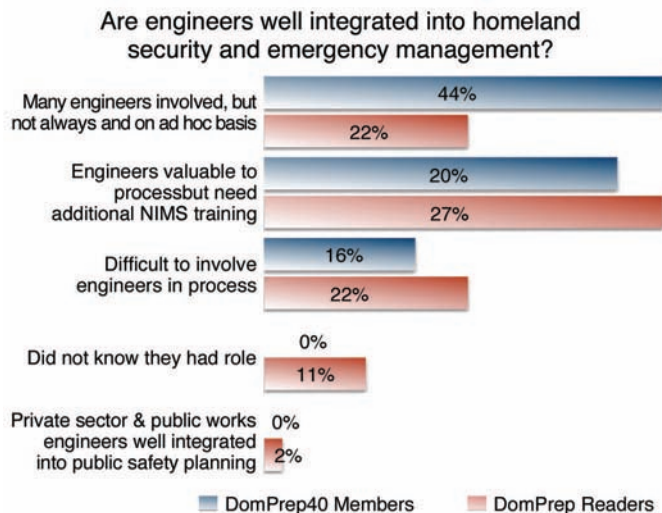
DomPrep Readers, for the most part, did agree with the DomPrep40 on resilience as a design outcome that complements infrastructure protection; a full three-quarters of them said yes.



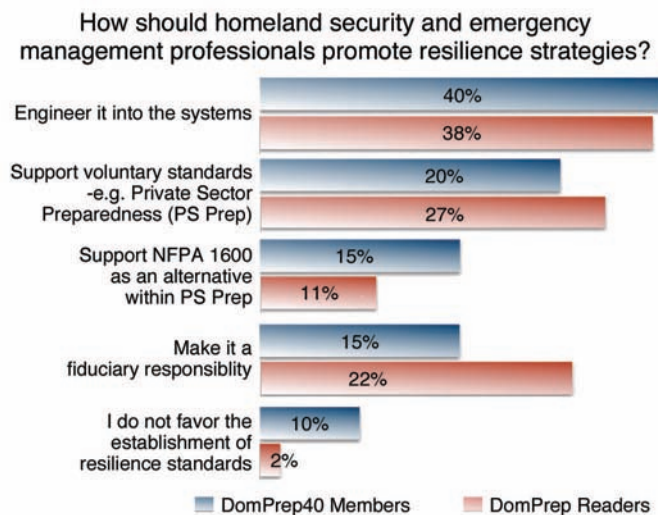
DomPrep Readers also essentially agreed with half of the DomPrep40 that infrastructure resilience as a concept is still in its infancy, but a notable percentage saw it beginning to take root in the engineering community – e.g., in public works.



DomPrep Readers emphasized, much more than the DomPrep40 did, their concern that engineers are not well integrated into the professional development programs developed for the National Incident Management System (NIMS).



No surprises here: A mixed card, again, as to how best to promote the implementation of resilience strategies – with a significant minority of readers (as was the case with the DomPrep40) saying to “engineer it into systems.”



As was noted in our previous summary, one of the main goals of the QHSR National Dialogue was the establishment of resilience metrics. How implementation will actually progress remains to be seen, of course, but on this last question only two percent of the DomPrep Readers opposed the establishment of resilience standards.

*It is our carefully considered conclusion, based on the inputs received from both the DomPrep40 and DomPrep Readers, that this representative sampling at least appears to recognize the need to involve engineering more thoroughly in resilience processes and systems in general – and, more specifically, into NIMS training.*

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