

Resilient Systems Working Group Newsletter

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From the chair:

In spite of appearances, quite a bit has been happening since the last report. I will mention two: the meeting in San Francisco and The Infrastructure Security Partnership (TISP).

San Francisco (IW09):

The RSWG met in San Francisco on February 4. It was a joint meeting with the Anti-Terrorism International WG (ATIWG), the Infrastructure WG (IWG) and members of the San Francisco Fire Department (SFFD). The purpose of the meeting was to identify the characteristics of a resilient fire protection system. Jennifer Maxwell, a PhD student in systems engineering at USC, kept notes which were converted into an *Insight* article. Dick Emerson led the team that created the article, which will be published soon. The dialogue was lively. We particularly want to thank the participants of the ATIWG under Bill Mackey, the IWG under Alain Kouassi, and the SFFD arranged by Dan Kelly.

The Infrastructure Security Partnership (TISP)

One activity in the US with a strong resilience focus is The Infrastructure Security Partnership (TISP) (www.tisp.org). The TISP is a group of organizations dedicated to the creation of resilience in the critical infrastructure of nations. Typical members include Homeland Security, FEMA, the US Navy, private companies such as Parsons, and organizations like the IEEE. There are no individual memberships. Universities pay \$500 a year and non-profits like INCOSE would pay \$1750. I would like to make both USC and INCOSE members of TISP. According to its fact sheet, "TISP pledges to lead public and private-sector collaboration that advances the practice and policies of infrastructure security and resiliency to sustain the nation's re

sources and its ability to efficiently restore infrastructure when disrupted by any hazard [e.g. terrorist attacks or natural disasters]." There are several committees, but the one that is probably of interest is the Critical Infrastructure Resilience Committee. If you are thinking about applying for your organization, consult the TISP web site.

The Resilience Engineering Network

I couldn't attend the Third Resilience Engineering Symposium last November, but some of you may have been there. The Proceedings of this and the Second Symposium are on the web at www.resilience-engineering.org. There will be a resilience summer school in Corsica on July 19-25. Go to the web site for more information.

Singapore

I will not be in Singapore. However, Bill Mackey will chair a panel called "Has Asia Been Resilient to Natural Disaster Events and Terrorist Attacks? A Debate on the Issues" Don't miss it.

Resilience in Academia

Several universities have initiated programs in resilience. USC launched a new course called Architecting Resilient Systems in the spring. Some of the papers produced in this course are on <http://www.usc.edu/dept/ise/assets/007/64702.pdf>. The variety of system types is impressive. If you would like to share anything about your program, contact me.

Journals

The June edition of the IEEE Systems Journal was devoted to Resilience Engineering.

Products:

We can say that the *Insight* article fulfills our goal of a fire protection product. The next logical product is an SE Handbook appendix on resilience. What do you say?

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