

Course Title: US Transportation Infrastructure Resilience and National Defense: Challenges and Opportunities

This session will discuss various aspects related to the resilience of the US transportation system and its infrastructure in relation to areas of importance to the national defense community. The session features committee leadership and staff representing three technical committees of the Transportation Research Board in the areas of military transportation, critical infrastructure protection, and the logistics of disaster recovery and business continuity. Topics to be addressed include improving freight transportation system resilience, the planning nexus between public agencies and the defense community, and the challenges associated with supply chain disruption and recovery.

The Transportation Research Board (TRB) of the National Academies of Sciences, Engineering and Medicine promotes innovation and progress in transportation through research in an objective and interdisciplinary manner. TRB is supported in this effort by state transportation departments, federal agencies including the component administrations of the U.S. Department of Transportation, and other organizations and individuals interested in the development of transportation.

Organization: Transportation Research Board

Website: www.trb.org

Instructor(s):

Jon Meyer was the first chair of the TRB Task Force on the Logistics of Disaster Response and Business Continuity before its elevation to full committee status. Prior to his role as chair of the task force Jon served as the chair of the Military Transportation Committee for 4 years. Currently Jon serves as an ad hoc member of the Transportation Resilience Section.

He retired from CSX Transportation in 2012 after a 27 year career during which he held the positions of Director of Marketing, Business Manager, and Senior Account Manager. He is currently a consultant at Jon Meyer Associates.

Jon is a retired Colonel, United States Air Force Reserve. His last duty assignment was at the Pentagon where he served as the Senior Individual Mobilization Augmentee to the Air Force Director of Transportation.

He has an MBA from Oregon State University and a BA from the University of Oregon.

Dave Metcalf – is the current chair of the TRB Military Committee. Prior to his current TRB assignment he helped begin the Military Communities subcommittee. He has facilitated a number of TRB sessions including a session on BRAC transportation impacts to military installations, best practices in Travel Demand Management (TDM), and the use of transportation automation on military installations.

Mr. Metcalf is a Professional Engineer and provides transportation and traffic engineering consulting services for a wide range of clients in the mid-Atlantic region. He manages the northern Virginia Office of PRIME AE Group, a full-service Architecture Engineering firm.

Dave is a retired Colonel from the United States Army Reserve. His Army career focused on logistics and transportation and he was mobilized to support Operation Iraqi Freedom (OIF). During OIF he served at the port of Ash Shuaybah, Kuwait during the transition of forces in 2003.

Laurel Radow joined the Federal Highway Administration (FHWA), U.S. Department of Transportation in 1996. From 2004 until her retirement at the end of 2016, Ms. Radow served as a member of the FHWA Office of Operation's Traffic Incident and Events Management Team. In that capacity, Ms. Radow served as program

manager for the agency's Evacuations/Emergencies and Planned Special Events (PSE) programs as well as managed a range of Traffic Incident Management (TIM) projects.

Since 2017, Ms. Radow has served as Chair of TRB's Standing Committee on Critical Transportation Infrastructure Protection (ABR10), one of three committees in TRB's newest section, Transportation Resiliency. Ms. Radow co-authored the article, "Resilience Thinking and Future Research: Beyond Quick Fixes," TR News, October 2017, Transportation Research Board. Ms. Radow serves as co-chair of the planning committee for the October 2018 Transportation RISE Summit.

Scott Brotemarkle serves as Director of the Marine Board and Senior Program Officer for Marine Transportation and Intermodal Freight at the Transportation Research Board of the National Academies of Sciences, Engineering and Medicine, where he oversees the activities of the Marine Board and the TRB committees covering issues in the areas of inland waterway transport, ports and channels, marine environment, marine safety and human factors, ferry operations, intermodal freight transportation, intermodal freight terminal design & operations, military transportation, agricultural transportation, and international trade and transportation.

Prior to joining TRB staff, Mr. Brotemarkle was Director of Transportation Policy and Program Development at the American Association of Port Authorities where we had held various positions engaging seaport and marine transportation issues since 1997.

Mr. Brotemarkle holds a B.A. in History from Virginia Tech and a M.A. in Transportation Policy, Operations and Logistics from George Mason University.

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