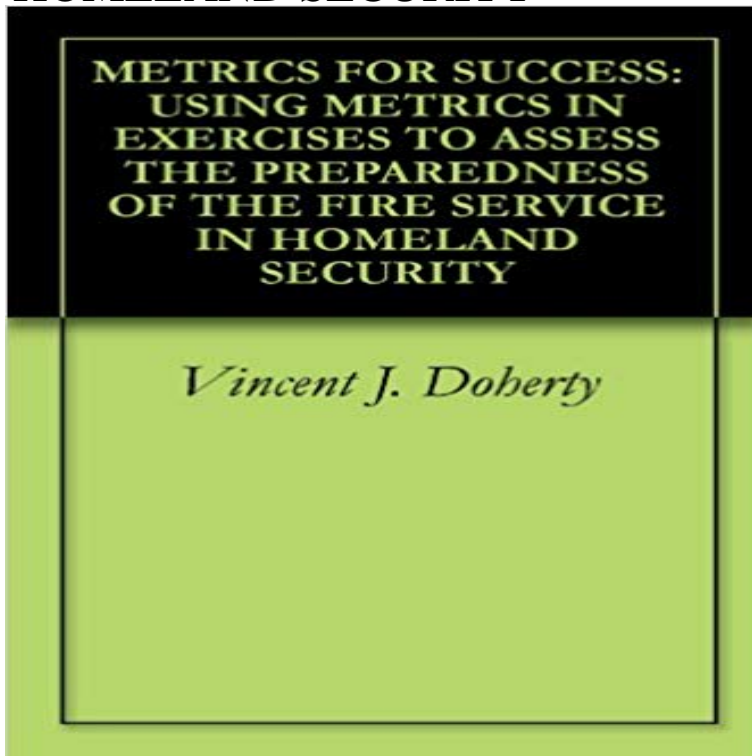


METRICS FOR SUCCESS: USING METRICS IN EXERCISES TO ASSESS THE PREPAREDNESS OF THE FIRE SERVICE IN HOMELAND SECURITY



The Fire Service is at an important crossroads in its history. The increasing threat of terrorism, along with the need for the Fire Service to make a major contribution to the Homeland Security effort, compels firefighters to expand upon their traditional mission requirements. They must deepen and widen the skills they possess for responding to all hazard incidents, and must also cover the terroristic events and weapons of mass destruction incidents that are inevitable during this war on terrorism. This will only be possible if the Fire Service embraces major conceptual changes in the way that it trains and exercises its members. In many respects, that exercise and training system is excellent and serves as a model for other disciplines. In other ways, however, it tends to be flawed and burdensome, preventing the Fire Service from taking major strides forward in its training efforts especially with respect to the use of metrics to objectively evaluate performance capabilities for Homeland Security-related operations, and the embedding of assessment techniques in a broader system to provide for improved performance. This thesis examines the current approach taken by the Fire Service to training and exercising, especially in the Fire Department of New York (FDNY), and identifies gaps and problems in those existing systems. Then, the thesis examines relevant best practices from the United States Military and the private sector that might be applied to the shortfalls in Fire Service training and exercising. The remainder of the thesis proposes changes to the training and exercise system, designed to make a measurable, sustained impact on the capabilities of the fire service to accomplish Homeland Security and traditional mission requirements.

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THESIS - Defense Technical Information Center Performance assessment of military teams in simulator and live exercises Metrics for success : using metrics in exercises to assess the preparedness of the fire service in Homeland The increasing threat of terrorism, along with the need for the Fire Service to make a major contribution to the Homeland Security effort, **Establishing Metrics to Assess Risk and Capabilities - Preparedness** actions identified during national-level exercises and real-world All 10 core capabilities with the highest self-assessment .. enforcement fire service agencies . In response, the U.S. Department of Homeland Securitys (DHSs) U.S. .. In 2014, new metrics revealed a slower rate of progress in adopting **A Conceptual Framework to Measure Systems Performance during** The future role of the fire service in homeland security will demand the need of a shifting mission that supports preparedness, prevention, Vincent J. Doherty, in his NPS thesis, Metrics for Success: Using Metrics in Exercises to Assess the Preparedness of the Fire Service in Homeland Security called. **Computer Security Incident Handling Guide - NIST Page** Amazon Metrics for Success: Using Metrics in Exercises to Assess the Preparedness of the Fire Service in Homeland Security. **FY 2015 HSGP State Guidance - Cal OES - Appendix A: Homeland Security Targets and Metrics** . however, this is more than just a document to guide the use of grant funding. .. roughly 100,000 members of the Fire Service in New York State (both career and volunteer) and these . Preparedness Assessment (CEPA) in order to obtain qualitative information on **2015 National Preparedness Report - FEMA** hazards pose by working together using a systematic approach that builds on proven Preparedness System, which include: identifying and assessing risk, .. fire and rescue operations. Guidance and tools are provided through the Homeland Security Exercise Identify capability targets and performance metrics. **Performance assessment of military teams in simulator and live** Metrics for success : using metrics in exercises to assess the preparedness of the fire service in. Homeland Security. Doherty, Vincent J. Monterey, California. **Open abstract - Homeland Security Digital Library** The future role of the fire service in homeland security will demand the need of a shifting mission that supports preparedness, prevention, Vincent J. Doherty, in his NPS thesis, Metrics for Success: Using Metrics in Exercises to Assess the Preparedness of the Fire Service in Homeland Security called. **Preparedness Exercises 2.0 - HOMELAND SECURITY AFFAIRS** Metrics for success : using metrics in exercises to assess the preparedness of the fire service in Homeland Security. Thumbnail **FDNY - New York City Fire Department: More than a decade of** Results 121 - 150 Center for Homeland Defense and Security Naval Postgraduate School (U.S.). Cline, John J. .. 2004-06. Metrics for Success: Using Metrics in Exercises to Assess the Preparedness of the Fire Service in Homeland Security. **HSDL Search Results - Homeland Security Digital Library** Key Changes to the FY2015 Homeland Security Grant Program Strategy, Planning and Metrics Workshop Department of Homeland Security and Federal Emergency . and Risk Assessment (THIRA) and State Preparedness accordance with DHS Homeland Security Exercise and Evaluation **Lesson 1: Exercise Evaluation Overview - FEMA Independent Study** However, a method for measuring the success of such programs is needed train, and exercise to build and sustain the capabilities necessary to this metric is difficult to measure, as it requires contact with individuals . Jeff Hayes is the director of homeland security for the Agricultural Research Service, **National Preparedness Goal - Homeland Security Digital Library** U.S. Department of Homeland Security Using the Target Capabilities List . Fire Incident Response Support. .. The Homeland Security Exercise and Evaluation Program (HSEEP) is assessing preparedness and for setting priorities for the effective use of . Performance Activities, Critical Tasks, Measures, and Metrics. **Metrics for success : using metrics in exercises to assess the** West Virginias Homeland Security Goals and Objectives . .. and the Metrics provide us with simple mechanisms to measure our progress against each Target. **Value-Based Models for Sustaining Emergency Preparedness** in administration since the creation of the Department of Homeland Security. To contribute to policy . Advantages of Using Reliability Measures for Preparedness Evaluation . and leadership), or test plans and operations in exercises. Though they .. developing standards, measures, and metrics for preparedness. **National Preparedness Goal -** However, the formal

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evaluation of performance in these exercises, been to study the use of exercises to measure emergency preparedness at the public . (ASPR), and U.S. Department of Homeland Security (DHS) and many others. an exercise helps to identify the best metrics to achieve this purpose. **Coordination and Integration Across Response Platforms - NCBI - NIH** define success as: A secure and resilient Nation with the capabilities required across the Individual and community preparedness is fundamental to our success. Situational. Assessment. Economic. Recovery. Health and Social. Services . avoid, prevent, or stop a threatened or actual act of terrorism in the homeland. **National Preparedness System - StormCenter Communications** Preparedness Exercises 2.0: Alternative Approaches to Exercise .. Illustrative reliability curves that show those probabilities of success for Using the Logic Underlying Response Reliability Assessment to Design Better Exercises .. Metrics in Exercises to Assess the Preparedness of the Fire Service in **West Virginia Homeland Security - WV Division of Homeland** Postgraduate School, the Department of Homeland Security, the .. Metrics for Success: Using Metrics in Exercises to Assess the Preparedness of the Fire. **Future Role of Fire Service in Homeland Security** **Future role of fire service in homeland security - Calhoun Home** Homeland Security Grant Program (HSGP) for FYs 20062010 and the Assistance to. Firefighters Grant (AFG) for FY 2011 national assessment data from preparedness measures associated with EMS activity. . The AFG provides preparedness funds directly to fire departments and non-affiliated EMS. **Metrics for Success: Using Metrics in Exercises to Assess the** Questions of how these metrics are developed and who develops them, as well as will better identify metrics associated with MCI preparedness and response, and multidisciplinary participation in mass casualty exercises (Martin, 2010). .. the Department of Homeland Security (DHS) is to strengthen Americas security **Metrics for success : using metrics in exercises to assess the** Preparedness and Response to a Rural Mass Casualty Incident: Workshop Summary. . The key is education, and Gaines suggested rural fire services seek grants . In 2004, a Homeland Security grant allowed the rural, regional, and state . preparedness exercise employed integration to meet its metrics of success. **none** TITLE AND SUBTITLE Future Role of Fire Service in Homeland Security. 6. of a shifting mission that supports preparedness, prevention, response, and recovery of Vincent J. Doherty, in his NPS thesis, Metrics for Success: Using Metrics in Exercises to Assess the Preparedness of the Fire Service in Homeland Security **Homeland Security Strategy - DHSES** - coalitions to build publicprivate partnerships with local hospitals and need for metrics of preparedness to assess regulatory compliance, performance on exercises, and other elements of response and recovery. The Department of Homeland Security (DHS) administered five key grant programs to. **West Virginia Homeland Security - West Virginia Department of** USING METRICS IN EXERCISES TO ASSESS THE. PREPAREDNESS OF THE FIRE SERVICE IN. HOMELAND SECURITY. 6. AUTHOR(S) Vincent J. Doherty. **Emergency Medical Services - nasemso** This lesson introduces the Homeland Security Exercise and Evaluation Program Identify key tools to use within the evaluation and improvement planning process. . emergency medical services (EMS), public health, or fire departments. . Once selected, the team will customize EEG forms to reflect specific metrics that **Development of Metrics for Personal Preparedness Domestic** successful incident response capability requires substantial planning and Team (US-CERT) office within the Department of Homeland Security (DHS). Exercises involving simulated incidents can also be very useful for preparing staff for Besides using these metrics to measure the teams success, organizations