

HOMELAND

Defense & Security Digest

The Latest From the Homeland Defense & Security Information Analysis Center // October 18, 2022

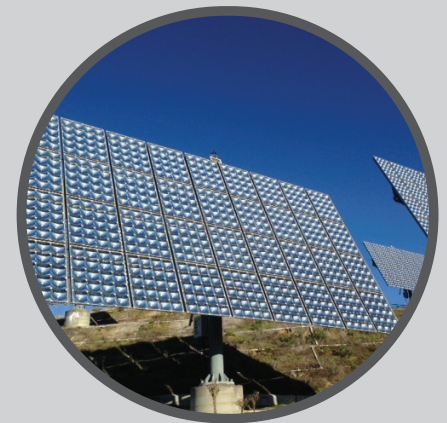


U.S. Air Force

NOTABLE TECHNICAL INQUIRY

Can short-wavelength ultraviolet (UV-C) lighting be used for antimicrobial decontamination of surfaces to mitigate the spread of COVID-19?

The Defense Systems Information Analysis Center (DSIAC) reached out to subject matter experts working in the federal government and received information on efforts to study UV-C lighting as a possible antimicrobial solution for decontaminating aircraft cabin areas and laboratories. The acquired information included a white paper assessing the viability of far-UV and ultraviolet germicidal irradiation using the UV-C spectrum as an effective, alternative... [READ MORE](#)



SNEAK PEEK

UPCOMING WEBINAR:
Microgrid Solutions for DoD Mission Energy Assurance

DATE:
December 8, 2022

TIME:
12:00 PM

PRESENTED BY:
Joel Hewett

HOST:
HDIAC



VOICE FROM THE COMMUNITY

Paul Klikas
Sonoran Desert Institute

Mr. Klikas facilitates an Intro to Firearms course, where he sees a growing interest in multiple systems and methods designed to reduce or eliminate negligent discharges and unauthorized use. Leveraging smart components embedded in the firearm will facilitate the use by multiple, authorized users and make the firearm nonfunctional by injecting a destructive solution. Using smart components will send key alerts and provide operating systems power supply status, software updates, and required maintenance based upon the number of rounds discharged through the firearm.

ARE YOU A SME?

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HIGHLIGHT

U.S. Army Releases Its Climate Strategy Implementation Plan

WASHINGTON — The U.S. Army released its Climate Strategy Implementation Plan to respond to threats from climate that affect installation and unit sustainability, readiness, and resilience. The Implementation Plan directs how the Army will maintain its strategic advantage through deliberate efforts to reduce future climate impacts and risks. [LEARN MORE](#)

FEATURED NEWS

DoD, Other Agencies Release Climate Adaptation Progress Reports

The U.S. Department of Defense (DoD), along with federal agencies across the government, released its 2022 Climate Adaptation Plan Progress Report. Executive Order 14008, Tackling the Climate Crisis at Home and Abroad, and Executive Order 14057 Catalyzing Clean Energy Industries and Jobs Through Federal Sustainability, require that each federal agency develop climate adaptation plans, better known as CAPs, and annual progress reports to communicate agency action to bolster climate adaptation and resilience. [READ MORE](#)



Image: U.S. Department of Defense



WEBINARS

Microgrid Solutions for DoD Mission Energy Assurance

Presented: December 8, 2022 12:00 PM – 1:00 PM

Presenter: Joel Hewett

Host: HDIAC

The adoption of microgrids is a promising solution for providing U.S. Department of Defense (DoD) installations with non-interruptible, always-on power. In recent years, DoD microgrids have progressed well beyond the demonstration stage, and multiple domestic bases now possess full-scale, islandable microgrids. This webinar reviews the findings of a state-of-the-art report in progress by HDIAC, which surveys the scope of commercial, governmental, and academic research and development in microgrid-enabling technologies like control algorithms and distributed generation. Special attention is paid to microgrid controllers, standardization, and organizational considerations for DoD implementation. [LEARN MORE](#)

EVENTS

DARPA Forward: Georgia Institute of Technology

October 25–26, 2022

6th Oman Fire, Safety, and Security Event

October 25–26, 2022

CBRNe Convergence 2022

October 31–November 2, 2022

American Public Health Association Annual Meeting

November 6–9, 2022

HLTH 2022

November 13–16, 2022

Law Enforcement Homeland Security Forum & Tech Expo

November 29–December 1, 2022

Counter UAS Technology

December 5–6, 2022

Want your event listed here?


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“Nuclear Deterrence”

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-  CBRN Defense
-  Critical Infrastructure Protection
-  Cultural Studies
-  Homeland Defense & Security
-  Medical
-  Weapons of Mass Destruction

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Idaho National Laboratory



MIT Lincoln Laboratory

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MIT Lincoln Laboratory



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Preparing for Post-Quantum Critical Infrastructure

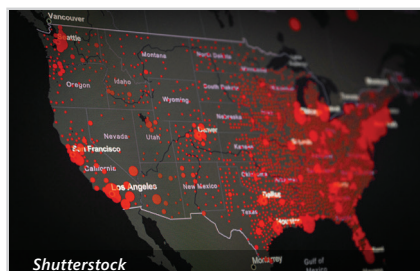
Homeland Security Operational Analysis Center



Department of Homeland Security

The Next Generation of Explosives Trace Detection Is Here

Department of Homeland Security



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UChicago and Argonne Lead NSF-Funded Project to Build Pandemic Monitoring Expertise

University of Chicago



Engineer Research and Development Center

ERDC, DEVCOM ARL Partners Create a Bright Future With New Photonic Technology

U.S. Army

