

HOMELAND

Defense & Security Digest

The Latest From the Homeland Defense & Security Information Analysis Center // September 27, 2022

**UPDATE — HDIAC TECHNICAL INQUIRY RESPONSE REPORT NOW AVAILABLE:
Agricultural Security Risks**



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NOTABLE TECHNICAL INQUIRY

What is the significance of agriculture to security?

The Homeland Defense and Security Information Analysis Center (HDIAC) received a technical inquiry regarding the security of a gricultural technology used within the United States. Many technologies are emerging for widespread use in the agricultural sector. This includes unmanned aerial systems capable of monitoring crops and applying pesticides, remotely controlled and Global Positioning System-enabled farm... [READ MORE](#)



SNEAK PEEK

UPCOMING WEBINAR:
Nuclear Deterrence

DATE:
September 28, 2022

TIME:
12:00 PM

PRESENTED BY:
Robert J. Hill

HOST:
HDIAC



VOICE FROM THE COMMUNITY

Dr. Jasmine Greene

*Director of Budget & Operations,
OnLocation, Inc.*

As Director of Budget & Operations, Dr. Greene leads budgeting, planning, operations, systems, and administration at OnLocation, a company that provides objective, quantitative analysis of energy/environmental policies and designs scenarios to explore alternative energy futures. Their clients range from private oil companies to the U.S. federal government. Dr. Greene's research focuses on the intersection of food security and social equity. Her dissertation explored social networks' role in addressing food security and inequities.

**BECOME A SUBJECT
MATTER EXPERT**



HIGHLIGHT

Drone Assessment and Response Tactics (DART) and Unmanned Aircraft Systems Program Development (UASPD) Training Courses

HDIAC will host virtual Drone Assessment and Response Tactics (DART) and Unmanned Aerial Systems Program Development (UASPD) courses on October 4-5. Check the website for course details and to register.

[LEARN MORE](#)

FEATURED NEWS

Electromagnetic Pulse Shielding Mitigations: Best Practices for Protection of Mission-Critical Equipment

The civilian critical infrastructure (CI) within the United States faces threats from manmade electromagnetic pulse (EMP) attacks and natural EMPs caused by major solar storms.

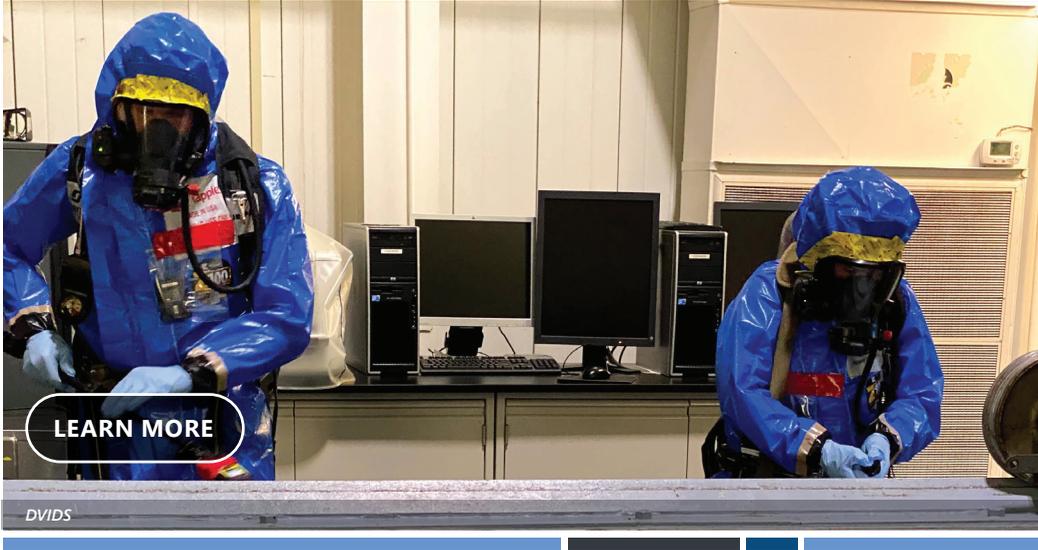
As described in Executive Order (EO) 13865, Coordinating National Resilience to Electromagnetic Pulses (March 26, 2019), "An

EMP event has the potential to disrupt, degrade, and damage technology and critical infrastructure systems."

Public awareness of manmade EMPs began on July 9, 1962, following the Starfish Prime test, during which the United States detonated a 1.4-megaton thermonuclear weapon 250 miles above... [READ MORE](#)

Image: Shutterstock





EVENTS

Drone Assessment and Response Tactics (DART) & Unmanned Aircraft Systems Program Development (UASPD) Training Courses

October 4-5, 2022

6th Oman Fire, Safety, and Security Event

October 25-26, 2022

CBRNe Convergence 2022

October 31-November 2, 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?

Email contact@hdiac.org, to share your event.

WEBINARS

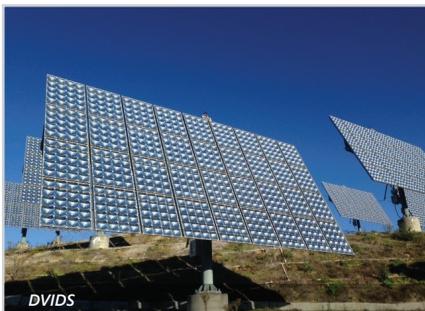
Nuclear Deterrence

Presented: September 28, 2022 12:00 PM – 1:00 PM

Presenter: Robert J. Hill

Host: HDIAC

Nuclear deterrence is the ability to deter nuclear weapons use by adversaries and dissuade nonnuclear great power conflict by credibly threatening catastrophic retaliation. This webinar will discuss U.S. nuclear deterrence theory, the role of our nuclear deterrent capabilities, foundations of nuclear command and control, organizations of the U.S. nuclear enterprise, and our global nuclear adversaries. [LEARN MORE](#)



Resilience by Design: Microgrid Solutions for Energy Assurance

December 8, 2022 12:00 PM

DID YOU MISS OUR LAST WEBINAR?

“Countering Unmanned Aerial Systems in the Homeland:
Constraints and Emerging Solutions”

[WATCH NOW!](#)

[or download the slides](#)

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

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RECENT NEWS



MEDCoE

Rapid Opioid Countermeasure System Product Team Wins 2022 Military Health System Research Symposium Award for...

U.S. Army



U.S. Army

S&T Launches New Training Guideline for Detection Canine Teams

Department of Homeland Security



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Comments Sought on Working Draft of ISO Face Biometrics Fairness Testing Standard

Biometric Update



NREL

Electric Vehicle Battery Models Inform Crash Simulation Evaluations to Improve Real-World Safety, Reliability

National Renewable Energy Laboratory



Idaho National Laboratory

Nation's First Security-Focused, 5G Wireless Test Range Opens in Idaho

Idaho National Laboratory



NASA/JPL-Caltech/DHS

Harnessing the Power of Science and Technology Communities for Crisis Response

Homeland Security Operational Analysis Center

