What unclassified, hyperspectral, long-wave infrared (LWIR), thermal imagery, or polarimetric datasets are available?

The Defense Systems Information Analysis Center (DSIAC) was asked to identify unclassified LWIR, thermal imagery, or polarimetric datasets. DSIAC subject matter experts highlighted the available open-source or government, unclassified, thermal, hyperspectral LWIR, and polarimetric datasets accessible for use in data exploration. These datasets were categorized into openly available datasets and unclassified or FOUO/CUI government access datasets that would be available by request and if allowed... LEARN MORE
VOICE FROM THE COMMUNITY

Melinda Tourangeau
Executive Director, Board of Directors Chairman, RVJ Institute, Inc.

In addition to her positions at RVJ, Melinda is also President and Cofounder of Warrior Support Solutions, LLC, a woman- and veteran-owned small business that performs research, studies, and analysis in electromagnetic spectrum operations for the U.S. Department of Defense, industry, and academia. She served in the U.S. Air Force as an electrical engineer managing high-technology programs and a data systems engineer and program manager leading several electro-optic and intelligence programs. She holds a patent on photodiode enhancements using nanotechnology.

ARE YOU A SME?

If you are a contributing member of the information systems community and are willing to help others with your expertise, you are an SME!

Join our team today!

HIGHLIGHT

JASP Model Users Meeting (JMUM)

The 2023 Joint Aircraft Survivability Program (JASP) Model Users Meeting (JMUM) will take place the week of March 20th, 2023, at Georgia Tech Research Institute (GTRI) Conference Center, 250 14th Street NW, Atlanta, GA, 30318. The purpose of this meeting is to provide model users, managers, stakeholders, and other interested individuals with information on the latest developments and updates to JASP-sponsored models and other engineering- and engagement-level models used throughout the aircraft survivability community. LEARN MORE

FEATURED NEWS

Official Says Integrated Deterrence Key to National Defense Strategy

WEBINARS

**Development and Utilization of TIPS Within the FRACTALS at the DEVCOM Analysis Center**

*Presented:* January 11, 2023 12:00 PM  
*Presenter:* Eric Harclearode  
*Host:* DSIAC

The Combat Capabilities Development Command (DEVCOM) Analysis Center (DAC) has developed the Tactical ISR [intelligence, surveillance, and reconnaissance] Performance Suite (TIPS), a reusable code library that encapsulates the DAC sensor performance models and behavior methodologies. DAC also develops the Framework for Capability-based Tactical Analysis Libraries and Simulations (FRACTALS) to allow integration of numerous item-level performance models and methodologies. Together, TIPS and FRACTALS are utilized to conduct item and/or system-level analysis via tactical-level vignettes. [LEARN MORE]

EVENTS

**Military Standard 810 (MIL-STD-810) Testing Open Course**  
January 23–26, 2023

**Fundamentals of Random Vibration and Shock Testing Training (Westpak, Inc., San Diego, CA)**  
January 23–26, 2023

**Military Standard 810 (MIL-STD-810) Test Training (NTS, Plano, TX)**  
January 23–26, 2023

**Military Additive Manufacturing 2023**  
February 1–2, 2023

**UAV Technology USA 2023**  
February 6–7, 2023

**Military Aviation & Air Dominance Summit**  
February 22–23, 2023

Want your event listed here?  
Email contact@dsiac.org, to share your event.

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Scientists Develop New Algorithm That May Provide Insights Into Battery Corrosion

**AFRL Division Wins Award for Cold Spray Robot**

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**NRL Engineers Ready Innovative Robotic Servicing of Geosynchronous Satellites (RSGS) Payload for Launch**

U.S. Navy

**U.S. Navy Demonstrates New Launch and Recovery Solutions for Large Unmanned Undersea Vehicles**

U.S. Navy

**WSINT 22B: USAF Weapons School Conducts Largest-Ever Over-Water, Joint Counter Maritime Exercise**

U.S. Air Force

**Missouri-Based Comm Marines Shoot Radio Frequency to Peru in Worldwide Competition Noble Skywave**

U.S. Marine Corps