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The U.S. Fire Administration maintains the **Emergency Management and Response – Information Sharing and Analysis Center (EMR-ISAC)**.

For information regarding the EMR-ISAC visit www.usfa.dhs.gov/emr-isac or contact the EMR-ISAC office at: (301) 447-1325 and/or emr-isac@fema.dhs.gov.

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Emergency Services Sector Information Sharing

The Department of Homeland Security (DHS) would like to remind you of [the Emergency Services Sector \(ESS\) Information Sharing Initiative](#) (PDF, 216 Kb). This program seeks to improve on existing information sharing mechanisms between the federal government and the ESS while also creating new ones.

One of the biggest pushes to come out of the September 11th attacks was a more robust information sharing program between levels of government, agencies, and private sector partners that promotes national security and resilience during natural and manmade disasters. First responders have a seat at that table, too.

The ESS's initiative coordinates with several agencies and offices including the DHS Science and Technology Directorate through the FirstResponder.gov site and the Emergency Management and Response-Information Sharing and Analysis Center, which develops the weekly InfoGram and manages the Emergency Services community on the Homeland Security Information Network (HSIN).

Those interested can explore the tools, portals, and programs available to them either through the [Emergency Services Sector Information Sharing Initiative website](#), or through the DHS Office of Infrastructure Protection's page on [Information Sharing Resources](#).

(Source: [DHS](#))

EMP Knocks Swedish Air Traffic Control Off Line

Aviation officials in Sweden had a shock last week when the [planes disappeared from the radar screens](#). A solar storm knocked air traffic control systems out of commission for an hour, a very long time to have no tracking of dozens of flights. Once the problem was discovered, new flights were grounded. Systems eventually came back online with no problems.

Space weather can affect radio and satellite communications, GPS tracking, and the electrical power grid. These are things first responders and others in the emergency management field rely on every day to do their jobs. Even a minor storm – like the one that affected Sweden last week – could have major consequences.

The [Space Weather Prediction Center](#) provides a great deal of information and forecasts on solar storms, their intensity, and potential problems they can cause.

The InfoGram is distributed weekly to provide members of the Emergency Services Sector with information concerning the protection of their critical infrastructures.

In addition, the [National Space Weather Strategy and the National Space Weather Action Plan](#) were just released at the end of October, providing us with specific response and recovery capabilities to work toward.

(Source: [SWPC](#))

The Future of Smart Cities: Infrastructure Risk

The next topic in the Resilience Development Webinar Series is based on a recent report produced by the Department of Homeland Security's Office of Cyber and Infrastructure Analysis. "[The Future of Small Cities: Cyber-Physical Infrastructure Risk](#)" will discuss how increasingly reliant we have become on convenient, interconnected "smart" technology and how this can put our governments and infrastructure at risk.

While the emphasis of this report is on the Transportation Systems Sector, Water and Wastewater Systems Sector, and the Electricity Subsector, these three sectors are so vital to our society that if anything detrimental were to happen to them, the Emergency Services Sector would be impacted directly as well as be involved in the response and recovery.

The webinar details:

- Thursday, November 19th from 1 p.m. to 2 p.m. Eastern;
- Conference number: 877-918-6722
- Participant code: 2532088
- To join the meeting: <https://share.dhs.gov/essrdwsnovember/event/>

For more information on this webinar or the series, email the Emergency Services Sector Team at ESSTEAM@hq.dhs.gov.

(Source: [DHS](#))

IACP Online Juvenile Justice Training

The International Association of Chiefs of Police (IACP) hosts the "[Juvenile Justice and Child Protection Online Training Portal](#)" for law enforcement and public safety officials. Officers face an increasing number of issues concerning juveniles and addressing them can be difficult. This site's goal is to make this difficult and complex topic more manageable.

Courses include:

- Forming Your Safe School Planning Team, and several other school-related courses;
- Introduction to Juvenile Interview and Interrogation Techniques series;
- Child Sex Trafficking: A Training Series for Frontline Officers.

Overall, [the juvenile arrest rate has been dropping since 1996](#), with about 4,000 arrests per 100,000 juveniles in 2012. The high in 1996 was more than double that. Nevertheless, recent events nationally show this is a difficult subject and is prominent in the public eye. It is important to ensure officers have proper training to manage incidents involving juveniles correctly and dutifully, following all the legal protocols and respecting everyone's rights.

(Source: [IACP](#))

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For information specifically affecting the private sector critical infrastructure contact the **National Infrastructure Coordinating Center** by phone at **202-282-9201**, or by email at **nicc@dhs.gov**.