OEM: Weekly SITREP

**March 22, 2022**

USA & WORLD

- 8 mass shootings over the weekend – 107 mass shootings this year.
- Sky-high shipping costs could keep prices surging until mid-2023.
- What we know about the earthquake off Japan's Fukushima coast.
- Earthquake discovery: Risk models overlook an important element.
- When gifts to Higher Ed come with strings attached.
- Covid research breakthroughs for chronic disease, cancer & flu.
- Key indicator may determine how bad a BA.2 wave could be in the US.
- Analysis: China's COVID governance under pressure as Omicron spreads.
- Here's what experts say could lie ahead for the pandemic.
- Genetic variants are linked to severe COVID-19.
- What cyber incident reporting rules mean for critical infrastructure.
- US ranked 3rd largest cyberattack target, following Russia & Ukraine.
- Russia-Ukraine conflict: Overview of risk considerations.
- World War III is here and it's America vs. China in Ukraine.
- How North Korea views the Ukraine crisis.
- Western experts echo the Kremlin's rewriting of history.
- 'We are not ready': a cyber expert on US vulnerability to a Russian attack.
- Could Russian hackers cripple U.S. Health Care systems?
- US Treasury warning: Russia may dodge sanctions using ransomware.
- Ukraine crisis: US warns China against helping Russia.

New report suggests that China may have been more competitive in global research than previously understood.

- **The analysis, conducted by researchers in the U.S., China, and the Netherlands, found that China caught up with the U.S. in 2019 in its share of the world's top 1 percent most-cited articles, a key metric of national research success.**
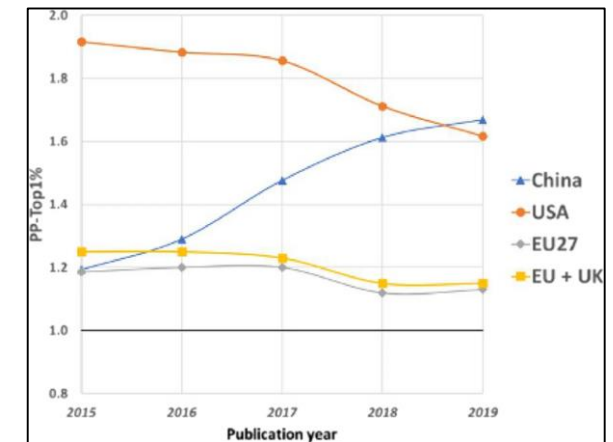

- **Percentage participation in the top-1% (PP-Top1%) most highly cited publications (worldwide) by papers with an address in the United States, China, and the EU (with and without the UK).**

CALIFORNIA

- Midterm elections could shake CA as citizens respond to crime wave.
- 500 workers strike at Chevron refinery in the San Francisco.
- Vaccine requirements for indoor mega-events to end in April.
- UC legislation exposed Capitol's bad habits.
- California may relax background check process.
- Lawmakers set to announce $400 gas rebate proposal.
- Irish watchdog fines Meta $19m over data breach.
- High-quality internet access can be a matter of life and death.
- Celebrate the first annual California State Parks Week June 14-18, 2022.
- California's climate reputation tarnished by inaction and oil money.
- Best community colleges in the state.
- Democratic leaders take heat from two directions.
- Soldier dies during training at Fort Irwin.
- Inflation threatens economic recovery.
- How California is building the nation's first privacy police.
- Why doesn't CA solve its housing crisis by building some new cities?
- The 2022 Berkeley gunfire map.
- The old way of insuring against fires isn't working anymore.
- Legislation would save UC Berkeley from court-ordered enrollment cuts.
- Inside California Education: A Place for Students — Wellness Centers.

State Climate Summary 2022

- Temperatures in California have risen almost 3°F since the beginning of the 20th century.
- In the 126-year period of record (1895–2020), the six warmest years have all occurred since 2014 (2014, 2015, 2016, 2017, 2018, and 2020).
- The 2015–2020 period saw the highest number of extremely hot days, slightly exceeding the record set in the early 1930s, and included the years with the second- and third-highest values (2017 and 2020)

Observed and Projected Temperature Change
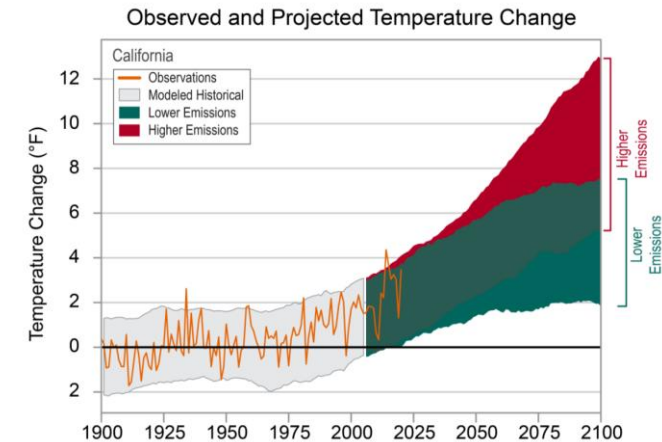
REGION

- Trapper catches 5,255 raccoons and 435 coyotes in Riverside County.
- Two SoCal museums are getting an influx of Chicano Art.
- Officer injured apprehending suspect who fled onto 91 freeway.
- Driver leaves bike-rider to die alone in violent Riverside crash.
- Santa Barbara County tackles the Criminal Justice System.
- Riverside County received $12 million for homeless housing.
- L.A. Controller identifies $55 million in unused special funds.
- Ukrainian refugees arrive safely in SoCal after 2-week journey.
- VA begins aggressive push in LA to end veteran homelessness.
- Robotic tortilla chip maker tested at Chipotle's Irvine innovation hub.
- RivCo lawmaker's fight to end COVID State Of Emergency continues.
- UCSD receives $7.35m in Federal Community Project Funding
- Heritage Fire continues to burn through Oro Grande area.
- LA home prices up nearly 12% from last year.
- The Auto Club of Southern California issues warning about gas thieves.
- Port congestion falls to lowest levels in six months.
- Multiple people gunned down in Bakersfield.

UCR 2021 Staff Engagement Survey

- **UCR Staff Assembly and Human Resources presented the results from the UC survey, which was filled out by more than 500 UCR policy-covered staff.**

- **Survey questions covered trends in staff morale, including career development, performance management, working relationships, and wellness.**

The County of Riverside Emergency Operations Center is currently activated to Management Watch.

COMMUNICATIONS

- **21 March:**
  - **Camp Highlander Spring Camp: March 21 – 24**
- **18 March:**
  - **UCR Experts on Warehouses, Amazon, and Labor**
- **17 March:**
  - **Vice Provost of International Affairs**
  - **Elections for the 2022-2023 Staff Assembly Executive Board**
- **16 March:**
  - **Nominations for the 2022-2023 Systemwide UC Women's Initiative for Professional Development**
- **15 March:**
  - **Feedback on the AVC-ES Candidates**

Please Reference Notes Section For More Information

NOTABLE

- [Senate passes bill that would make Daylight Saving Time permanent](#)
- [Ukraine through the eyes of a US Army veteran fighting there.](#)
- [Latest Research Highlights Mass Violence Motived by Misogyny](#)
- [CISA Active Shooter Preparedness Webinar - Region 9 (CA) Thursday, April 21, 2022](#)
- [Officials Confirm Several Geomagnetic Storms Are Hitting Earth This Week](#)
- ['The war photos are fake — but the bioweapons are real'](#)
- [Designing your online infrastructure to survive major outages: where to start](#)
- ['For the first time in history anyone can join a war': Volunteers join Russia-Ukraine cyber fight](#)
- [Nearly $300K Worth of Meth, Fentanyl Found Hidden Under Car's Floorboards](#)
- [Israeli Government Websites Taken Offline in Large-Scale Cyber-Attack](#)
- [Can FinTech Help Solve America's Student Debt Crisis?](#)
- [The Western World Is in Denial](#)
- [China Faces Its Largest Covid Outbreak In Two Years As Daily Cases Double To 3,500](#)
- [Tech's globalist dream is dying](#)
- [COVID-19: Where we've been, where we are, and where we're going](#)
- [What Stops People on Your Team from Leaving?](#)
- [Brookings Sanctions Tracker: Mapping financial countermeasures against Russian aggression](#)
- [Assessing the Current Risks to the U.S. Economy](#)
- [Why your boss may indeed be a psychopath](#)
- [Americans struggle as vehicle expenses rise](#)

What is an Emergency Operations Center?

- **An EOC is a physical, virtual or hybrid location from which leaders of a jurisdiction or organization coordinate information and resources to support incident management activities (on-scene operations).**

- **The EOC supports the following incident management functions:**
  - **Activation** -Bring knowledge and expertise together to deal with events that threaten the business
  - **Situation Analysis** -Gather information to determine what is happening and to identify potential impacts
  - **Incident Briefing** - Efficiently share information among team members
  - **Incident Action Plan** - Provide a single point for decision-making and decide on a course of action for the current situation
  - **Resource Management** - Provide a single point of contact to identify, procure and allocate resources
  - **Incident Management** -Monitor actions, capture event data and adjust strategies as needed

UC Riverside Emergency Operations Center (EOC) located at the EH&S Building on Linden Street. Primary functions of staff in EOCs include:

- Collecting, analyzing and sharing information
- Supporting resource needs and requests, including allocation and tracking
- Coordinating plans and determining current and future needs
- Providing coordination & policy direction

EOC Structure Types, Benefits, Training

EOC Organizational Structure Type	Benefits
ICS or ICS-like Structure	The ICS organizational structure is familiar to those with ICS training. It most closely aligns with the structure used for on-scene incident management.
Incident Support Model	This structure puts the EOC director in direct contact with those conducting situational awareness and information management. It streamlines resource sourcing, ordering and tracking.
Departmental Structure	By operating in the context of their normal relationships, department/agency representatives can function in the EOC with minimal preparation and startup time.

EOC: Resources- Core Components

EOC Core Components	Resource Links
Facility	Resilience Analysis Planning Tool (RAPT) Threat and Hazard Identification and Vulnerability Assessment
Survivability	Hazard Mitigation Planning, Exercises
Security	Hazard Vulnerability & Risk Assessment
Sustainability	Lessons learned, Hazard Mitigation Planning, Exercises
Interoperability	FEMA Disaster Emergency Communications Division
Flexibility	FEMA National Incident Management System, EOC Skillsets & User Guide

EOC: ICS Staffing Chart

Incident Command System

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                              ┌──────────────┐          ┌──────────────────────┐
                              │   Incident   │          │        Safety        │
                              │   Commander  │──────────├──────────────────────┤
                              └──────┬───────┘          │       Liaison        │
                                     │                  ├──────────────────────┤
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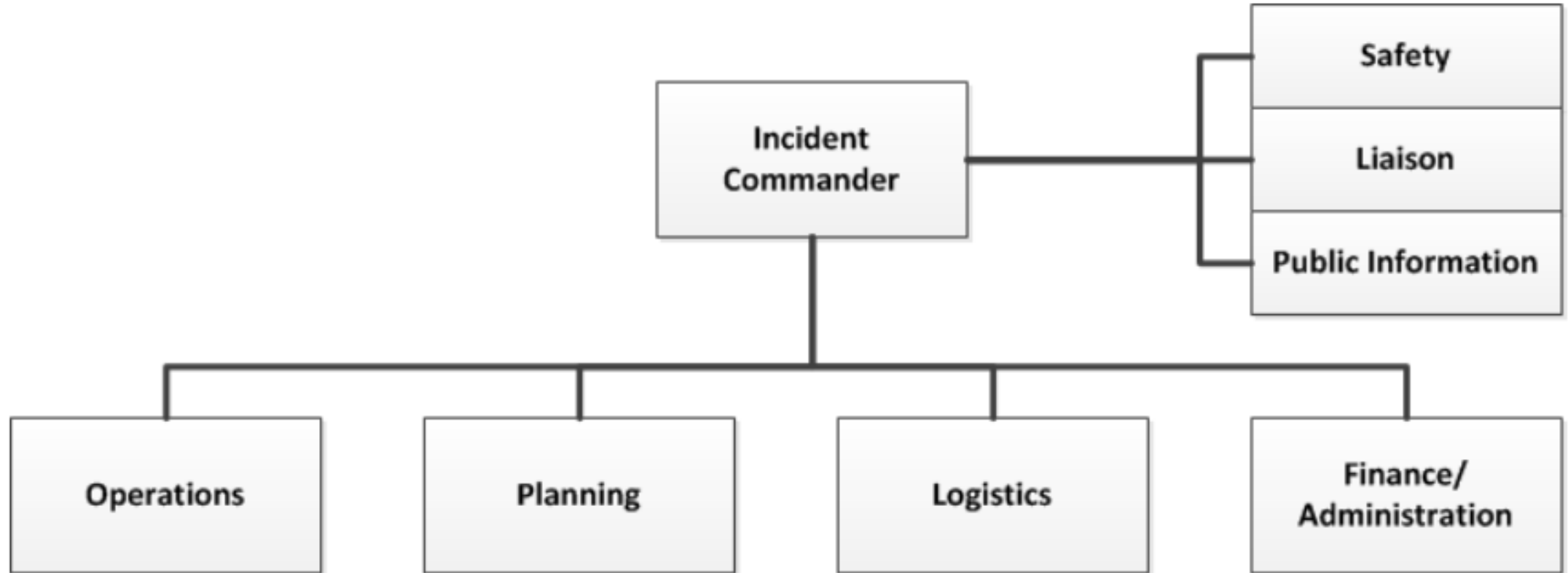
EOC: Lifeline to the Community

- EOCs monitor and support community lifelines, which focus on critical survivor-centric needs.

- The community lifelines concept allows emergency managers and EOCs to do the following:

  - Characterize an incident & identify the root causes of priority issues;

  - Clearly communicate issues with partners and stakeholders;

  - Distinguish the highest priorities and most complex issues;
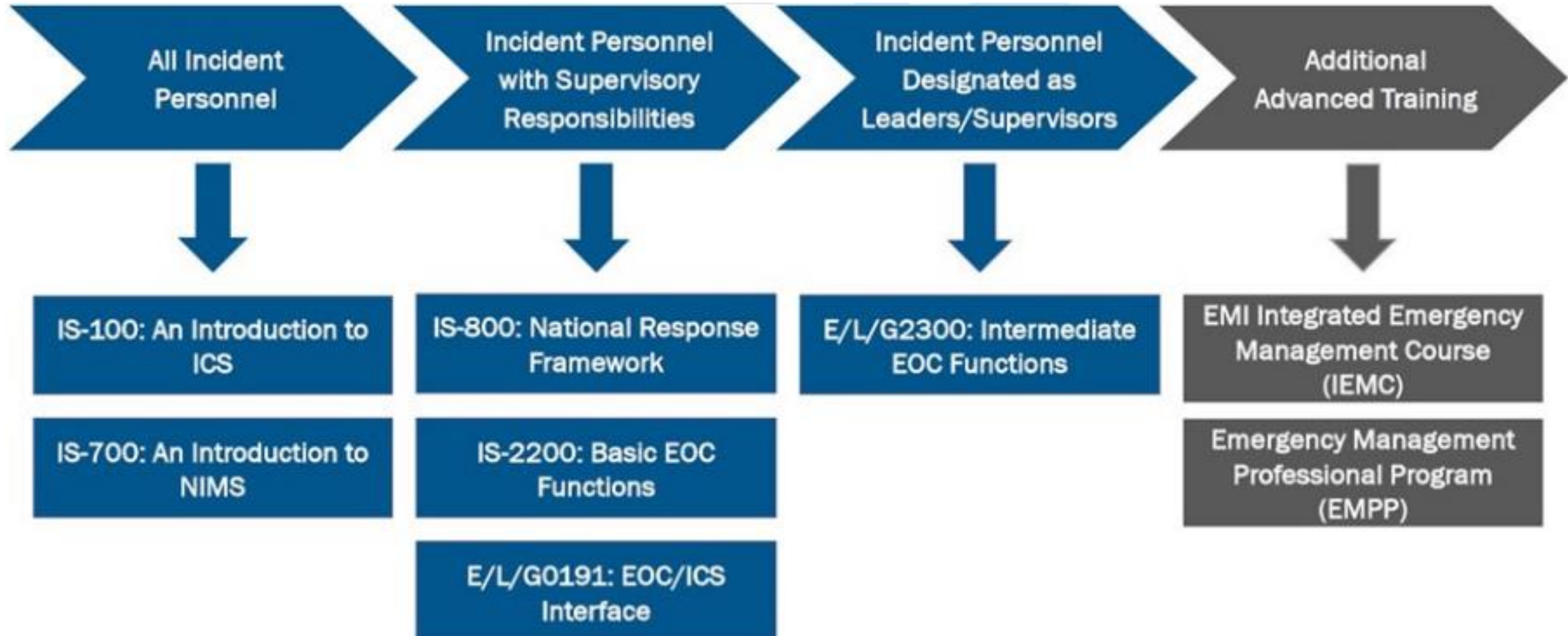
  - Promote data-driven decisions.

EOC: Training

- **All incident personnel working within an EOC should complete the following courses for foundational knowledge of incident response:**

  - **IS-100:** Introduction to the Incident Command System, ICS-100 – This course introduces ICS and provides the foundation for higher-level ICS training.
  - **IS-700:** National Incident Management System, An Introduction – This course introduces NIMS concepts and principles.

- **EOC Personnel with Leadership Responsibilities: Supervisory personnel working within an EOC should complete the following courses for additional background in incident management systems with leadership responsibilities:**

  - **IS-800:** National Response Framework, An Introduction – This course introduces participants to the concepts and principles of the National Response Framework (NRF)
  - **IS-2200:** Basic EOC Functions – This course prepares incident personnel working in an EOC to understand the role and functions of an EOC during incident response and the transition to recovery.

**These courses are available online and for free.
Sign up today at https://training.fema.gov/is/**

EOC: Training Progression

All Incident Personnel	Incident Personnel with Supervisory Responsibilities	Incident Personnel Designated as Leaders/Supervisors	Additional Advanced Training
IS-100: An Introduction to ICS	IS-800: National Response Framework	E/L/G2300: Intermediate EOC Functions	EMI Integrated Emergency Management Course (IEMC)
IS-700: An Introduction to NIMS	IS-2200: Basic EOC Functions		Emergency Management Professional Program (EMPP)
	E/L/G0191: EOC/ICS Interface		

Resources

- **Incident Command System (ICS) Resource Center:** The ICS Resource Center, which the Emergency Management Institute (EMI) maintains, provides information about and links to an extensive array of ICS training materials, job aids, position checklists and forms.
  - **https://training.fema.gov/emiweb/is/icsresource/index.htm**

- **Incident Action Planning Guidance:** The incident action planning process and Incident Action Plans (IAPs) are central to managing incidents. The incident action planning process helps synchronize operations and ensure that they support incident objectives. An excerpt of the incident action planning process is located in the EOC Toolkit at
  - **https://www.fema.gov/emergency-managers/nims/components#eoc**
  - **https://training.fema.gov/emiweb/is/icsresource/assets/incident%20action%20planning%20process.pdf**

- **Lifelines:** FEMA developed the community lifelines construct to increase effectiveness in disaster operations and better position the agency to respond to catastrophic incidents.
  - **https://www.fema.gov/lifelines**

Resources

- **National Incident Management System (NIMS):** On the NIMS website, users can find links to NIMS documents, guidelines and operational tools, as well as training information, implementation guidance, updates and contact information for the FEMA Regional NIMS Coordinators.
  - **https://www.fema.gov/emergency-managers/nims/components**

- **National Qualification System (NQS):** The NIMS Guideline for the NQS describes the components of a qualification and certification system, defines a process for certifying the qualifications of incident personnel, describes how to establish and implement a peer review process and introduces the process of credentialing personnel. NQS also provides Job Titles/Position Qualifications and Position Task Books (PTBs) for a range of incident management, incident support and emergency management positions.
  - **https://www.fema.gov/national-qualification-system**

- **NQS EOC Skillsets and EOC Skillsets User Guide:** EOC Skillsets promote a national vocabulary for EOC personnel qualifications and let EOC leaders build position qualifications according to their organization's needs and resources.
  - **https://www.fema.gov/emergency-managers/nims/components#eoc**