

# Opportunities for the Emergency Management Professional through the International Association of Emergency Managers (IAEM)



# About IAEM

- Founded in 1952
- International non-profit organization dedicated to promoting the goals of saving lives and protecting property during emergencies and disasters
- More than 5,000 members worldwide
- Professionals from local government, the military, private industry, state and federal governments, volunteer organizations, and more

# IAEM's Mission

- To advance the profession by promoting the principles of emergency management
- To serve our members by providing information, networking and professional development opportunities
- To advance the emergency management profession

# IAEM's Value Proposition & Commitment

- IAEM connects people and ideas to inspire leadership, achievement and collaboration within the emergency management profession.
- IAEM provides exceptional experiences, a vibrant community, and essential tools that make you and your organization more successful.

# IAEM-USA Board of Directors

- President\*
- First Vice President\*
- Second Vice President\*
- Immediate Past President\*
- Secretary\*
- Treasurer\*
- Regional Presidents (10)
- Student Council President

(\*Executive Committee, plus one representative selected from and by the Regional Presidents)

# Global Board of Directors

Representatives from each of the eight (8) IAEM Councils participate, plus one (1) additional Council representative per 500 members to a maximum of four (4) per Council.

The Councils include:

- IAEM Asia
- IAEM Canada
- IAEM Europa
- IAEM International
- IAEM Latin America & Caribbean
- IAEM Oceania
- IAEM Students
- IAEM USA (4 members)

# Membership Report



# USA Committees

- Awards & Recognition
- Bylaws
- Conference
- Digital Engagement
- Government Affairs
- Membership & Marketing
- Nominations & Credentials
- Training & Education



# USA Caucuses

- Access & Inclusion
- Children in Disaster
- Climate, Water & Weather
- Emerging Technology
- Community Service & Faith-Based Organizations
- Federal Sector Emergency Managers
- Food & Agriculture
- Healthcare
- Public-Private Partnership
- Tribal Affairs
- Uniformed Services
- Universities & Colleges

# Emerging Technology

- **Cyber Security** – Our interests are in the typing and certification of qualified responders who have the capability and capacity to help resolve a cyber incident.
- **Unmanned Ariel Vehicle (UAV)/Unmanned Aircraft Systems (UAS)/Drone** - We are happy to finally have the Part 107 certifications available so agencies are not as dependent on the 333 exemption or Certificate of Waiver or Authorization - COA application process to fly. Technology will be critical with mapping, damage assessment, 3-D modeling, agricultural surveillance, and more.
- **Social Media Data** - After an American Civil Liberties Union (ACLU) study, Twitter and Instagram prohibited companies from receiving data feeds that have been used by law enforcement to visualize data by location. Agencies that have been outsourcing social media monitoring will either have to overcome significant challenges or find new funding streams to pay for access to data.

# Emerging Technology

- **Cloud Computing** - As regional cloud computing tools are being utilized, questions are arising regarding the ownership of data within the cloud, access to tools, who or what are the funding mechanisms and how can information be safely shared among groups.
- **Virtual Reality and Augmented Reality**- Opportunities exist to utilize technology to provide realistic and immersive training and exercise environments. Additional visualization tools such as video, photos, infographic and GIS integrated systems enhance the common operating picture and help to maintain situational awareness.
- **Driverless Car Technology** – These technologies create a number of emerging policy needs: changing demands on public infrastructure; evacuation planning and modeling; access to data; and communication with navigation systems to program warning, directions and closures. As the sharing economy expands, driverless car technology changes are anticipated in the accessibility of transportation.

# USA Ad-Hoc Committees

- Disaster Behavioral Health
- Disaster Cost Recovery & Finance
- Diversity
- Standards & Practices
- State EM Associations
- Strategic Planning

# USA Special Appointments

- **Emergency Management Accreditation Program (EMAP) Commission**
- **Emergency Management Assistance Compact (EMAC) Working Group**
- **FEMA – EMI**
- **National Association of Counties (NACo)**
- **National Association of County and City Health Officials (NACCHO)**
- **National Association of State EMS Officials (NASEMSO)**
- **National Association of State Chief Information Officers All-Hazards Public Warning System Liaison**
- **NFPA 1600**

# Advancing our Profession Through Scholarships

- **The mission** of the IAEM Scholarship Program is to assist the profession by identifying and developing students with the intellect and technical skills that can advance and enhance emergency management.
- **IAEM's goal** is to raise **\$1,000,000** to fund scholarship awards to undergraduate and graduate students enrolled in an accredited college program pursuing a degree that includes EM courses. Current Fund balance is \$292,206.



# Communication Updates

- IAEM Webinars
- IAEM Think Tank events
- IAEM website — <http://iaem.com>
- IAEM Conference microsite — [www.iaemconference.info](http://www.iaemconference.info)
- Facebook, LinkedIn, YouTube, Twitter, and discussion boards
- IAEM Dispatch — <http://iaemdispatch.com>
- IAEM Bulletin monthly members-only newsletter — <http://iaem.com/Bulletin>
- IAEM-USA Government Affairs Digest

# Influencing Public Policy

- DHS/FEMA Competitive Preparedness Grant Program
- FCC – IAEM objected to private company access to NWS satellite downlink frequencies
- US Transportation & Infrastructure Subcommittee testimony March 2017 focusing on preparedness grants
- Stafford Act – Disaster Grant Closeout Procedures
- Seats on FEMA National Advisory Council



# Government Affairs

- EMPG – grassroots advocacy
- Homeland Security Grant Programs – cosigned a letter to all Senators and Members of Congress in support of Preparedness Grants
- NWS – House and Senate Commerce Approps Subcommittee supporting full funding for NOAA and NWS
- Hospital/Healthcare Preparedness Program (HPP)
- Disaster Deductible – submitted comments to FEMA in opposition to the disaster deductible proposal
- National Preparedness System – testified in March before House T&I Committee

# Advancing our Profession Through Standards

- AEM/CEM: IAEM offers an accreditation program for individuals, the Certified Emergency Manager (CEM) & Associate Emergency Manager (AEM) program.
- EMAP: IAEM also partners with NEMA to support the Emergency Management Accreditation Program (EMAP).

# Emergency Management Accreditation Program

- The design facilitates determination of compliance with a collaboratively developed set of Standards called the *Emergency Management Standard*.
- A voluntary, non-governmental process of self-assessment, documentation, and external independent peer review with the focus to evaluate, enhance, and recognize Program sustainable qualities.
- The intent is to improve Program capabilities and increase professionalism.
- Accreditation evaluates an Emergency Management program's organization, resources, plans, and capabilities against current Standards to increase effectiveness in protecting the lives and property of the people it serves.

# Emergency Management Accreditation Program

- The Emergency Management Standard is a scalable yet rigorous industry Standard for Emergency Management Programs. The Standard is flexible in design so that Programs of differing sizes, populations, risks, and resources can use it as a blueprint for improvement and can attain compliance with the Standard. The intent of the Emergency Management Standard is to provide Standards that indicate the components of a high quality Emergency Management Program has in place.
- EMAP offers Accreditation globally and has Accredited International, Federal, State, County, Parish, City, Tribal, Institutions of Higher Education & Private Sector Programs. EMAP has Accredited 106 programs to date. In 2017-2018, EMAP expects to Accredite Public & Private Utilities, Transportation and Health Agencies.

# Advancing Our Profession

- In 1993 IAEM created the internationally recognized Certified Emergency Manager (CEM®) program.
- In 1997 IAEM created the internationally recognized Associate Emergency Manager (AEM®) program.
  - Since the CEM program was introduced in 1993, more than 15,000 candidates have enrolled to to pursue the AEM/CEM professional designation.
  - As of April 13, 2017, there were 1,751 Certified Emergency Managers and 216 Associate Emergency Managers.

# Purpose of IAEM's Certification Program



- Elevate the visibility of emergency managers.
- Encourage and mandate continued professional development, education and technical skills.
- Ensure minimal Knowledge, Skills and Abilities (KSAs).



# Areas of Expertise on CEM Commission

- Governmental and Tribal – all levels
- Private Sector
- Military
- Not-for-Profit
- Campus Practitioners
- Academia / Educators
- Healthcare Practitioners



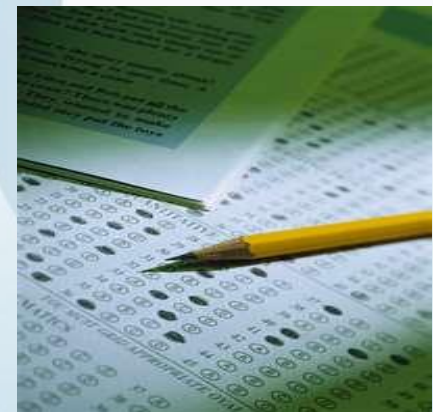
# Why Become an AEM or CEM?

- A Certified Emergency Manager (CEM®) has the knowledge, skills and ability to effectively manage a comprehensive emergency management program.
- Working knowledge of all the basic tenets of emergency management.
- Effectively accomplish the goals and objectives of any emergency management program in all environments with little or no additional training orientation.



# AEM/CEM Examination Design

- 100 Multiple Choice Question Exam
- 60% - 80% Core Questions
- 20% - 40% Country-Specific Questions
- 75% to Pass
- Pass Exam BEFORE or AFTER Application Packet Submission



# Certification Maintenance

- AEM<sup>®</sup>s and CEM<sup>®</sup>s maintain certification every five years
- Document continuing educational in both general management and emergency management
- Professional contributions

# AEM/CEM Highlights

- The program was developed with input from FEMA, ICMA, ASPA, APWA, and others
- More than 200 AEM®s and 1,600 CEM®s currently certified, with more than 3,000 additional enrolled
- AEM and CEMs are found in 49 states and 14 countries
- We have CEM®s from multiple disciplines, including fire, police, medical, PW, education, etc.
- We have CEM®s from the private and public sector, international,...and from the military
- Over 270 certified for 10+ years, and 180 certified for 15+ years

# 2016 STATISTICS

2016 certifications

134  
CEM<sup>®</sup>s

39  
AEM<sup>®</sup>s

Total number actively certified

1,753  
CEM<sup>®</sup>s

216  
AEM<sup>®</sup>s

Total 2016 recertifications

63

377

**Total number of candidates' applications submitted in 2016**

*Candidates due to recertify in 2016 have until 12/31/16 to submit their applications through the online certification portal.*

**The CEM<sup>®</sup> Prep Course and Exam was offered six times, while the exam was offered without the preparatory course an additional 14 times.**

**The Prep Course webinar was offered one time.**

**The biggest accomplishment this year was updating the CEM<sup>®</sup> exams and beginning the process of moving the exam to an online offering.**

# Tools and Support

- IAEM Certification Website Tools
  - Self-Assessment Tool
  - Exam Study Guide
  - Training Allocation Chart
  - FAQ
  - CEM Corner Articles
- Support
  - Mentors
  - Questions → [info@iaem.com](mailto:info@iaem.com)



# Advancing our Profession Through Partnerships



# IAEM 64<sup>th</sup> Annual Conference & EMEX 2016

- 1,524 Conference Attendees
- 18 Countries
- 129 Companies at EMEX

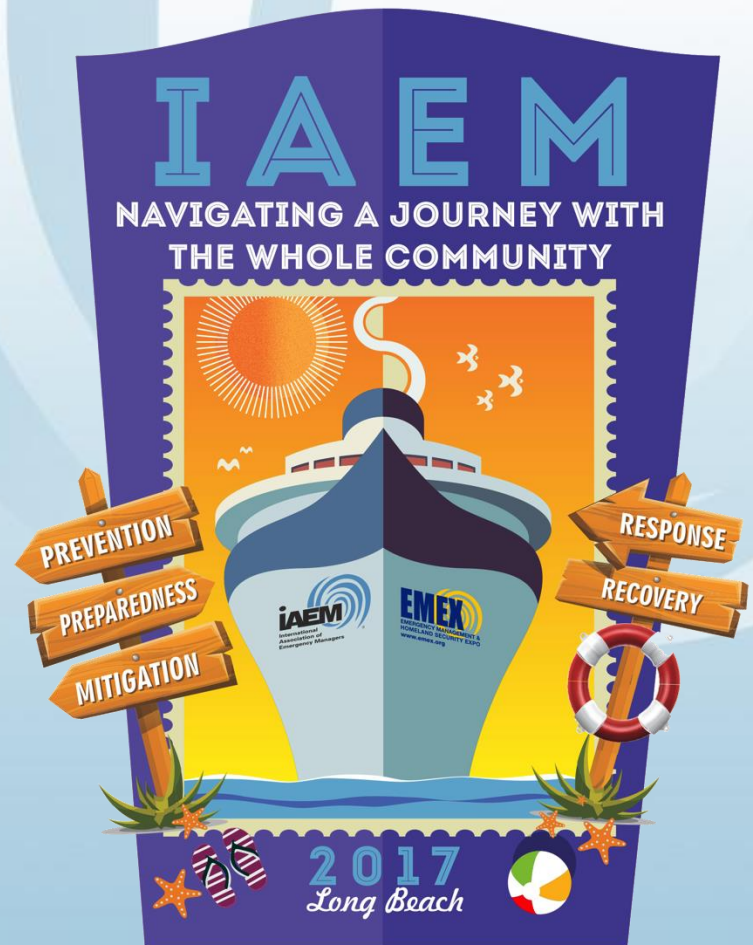
# Mark Your Calendar

IAEM 65<sup>th</sup> Annual  
Conference & EMEX

in

Long Beach,  
California!

November 10-15, 2017





# Because people's lives depend on you...

## You can depend on IAEM

- Largest **network of experts** offering solutions, guidance and assistance;
- **Job opportunities** – extensive online compilation;
- **Unified voice** on policies and legislation;
- **Information updates** via monthly newsletter and regular electronic notices;
- Professional tools and resources on **www.iaem.com** (new and improved!);
- **Certified Emergency Manager** and **Associate Emergency Manager**;
- **Scholarship program**;
- And much more!

# Connect With Us!



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IAEMOfficialChannel



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