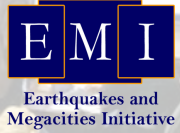


TRAINING, EXERCISES AND DRILLS

Plan • Drill • Respond • Recover
ted@emi-megacities.org

Designing and Operating an Integrated Emergency Management System



A 5-Day "Learn-and-Apply" Bootcamp

January 20-24, 2020, Pasig City, Philippines

The **5-day Bootcamp**, part of EMI's **Training, Exercises and Drills Program**, covers the required organization, processes, systems, competencies, tools, and plans needed to build your institution's **Integrated Emergency Management System (IEMS)**. In this IEMS bootcamp, you will learn the following:

- Operating an Emergency Operations Center (EOC);
- Coordinating an effective major disaster response;
- Dealing with extreme conditions;
- Managing increasing demands and limited resources;
- Building a common operating picture (COP); and
- Planning and solving problems effectively.

Building-block activities using stress-test scenarios, from single incidents to worse-case events, will give you the skills to manage all types of emergencies. Hands-on exercises will let you align your EOC to **international standards** to scale up your response capacities by taking advantage of decades of emergency management experience worldwide.

In 5 days, you will have the skills and tools to manage all types of emergencies for your organization:

- EOC Concept of Operations and Standard Operating Procedures
- EOC organization benchmarking to international emergency management standards and practices
- EOC prototyping with 3D printing for referencing
- Prototype design of an EOC resilient communication system
- Protocols to operate your EOC, including activation to deactivation for a major earthquake or tropical cyclone

Duration	5 days
Delivery	Face-to-face bootcamp
Location	Pasig City, Philippines
Dates	January 20-24, 2020
Fees	1950 USD*

*Scholarships and discounts are available.

REGISTER NOW!
bit.ly/IEMSBootcampRegistration

*IEMS is **a global, structured, and results-proven approach** that puts the guessing out of managing emergencies and instead, puts you in control.*

Training Approach



TRAINING

Real world applications of an IEMS: You will **undergo a series of training and practice sessions** to understand and practice the Incident Command System (ICS), EOC operations planning, situational reporting, incident action planning, emergency support functions (ESF), EOC activation and deactivation, and emergency communications tested by conditions on the ground.



EXERCISES

Fully functional EOC: You will **participate in exercises** to identify critical hotspots in multiple incidents conditions and complex urban emergencies. You will develop a Concept of Operations (ConOps) that is effective for all types of emergencies, assess the requirements of a fully functional EOC, and begin to design the basics of a resilient information and communications system.



DRILLS

Worsening disaster scenario: You will be **tested through drills** that will inject information from the field to the EOC assuming a rigorous, fast-paced, and increasingly worsening flood scenario. You will be asked to **take on an assigned role in the ICS** and perform your functions with rapidly changing conditions and limited resources. Your capacity to decide and act will be put to its limit with injects designed to find points of failure in the system.

IEMS Playbook

In this bootcamp, we will put together your **Integrated Emergency Management System Playbook** that will give you the tools to establish your EOC and manage your emergency response operations.

Instructors

The IEMS bootcamp will be animated and facilitated by world-recognized experts in the field who have designed and managed EOCs in some of the most complex urban emergency situations.

More Information

Bootcamp is only limited to 35 participants.

We are offering a **10% discount** for early bird registrants (open until *December 6, 2019*), women, persons with disabilities, and organizations with more than 3 participants.

Register now at
bit.ly/IEMSBootcampRegistration.

Learn more about the bootcamp at bit.ly/EMI-TEDBootcamp. For other inquiries, contact us at ted@emi-megacities.org.

Course Content

Readiness Levels

A bootcamp is an environment to **learn the required skills in the shortest possible time**. You will acquire the skills to reach four emergency management readiness levels in 5 days.

READINESS LEVEL 1:
Understand an IEMS

READINESS LEVEL 2:
Plan an IEMS

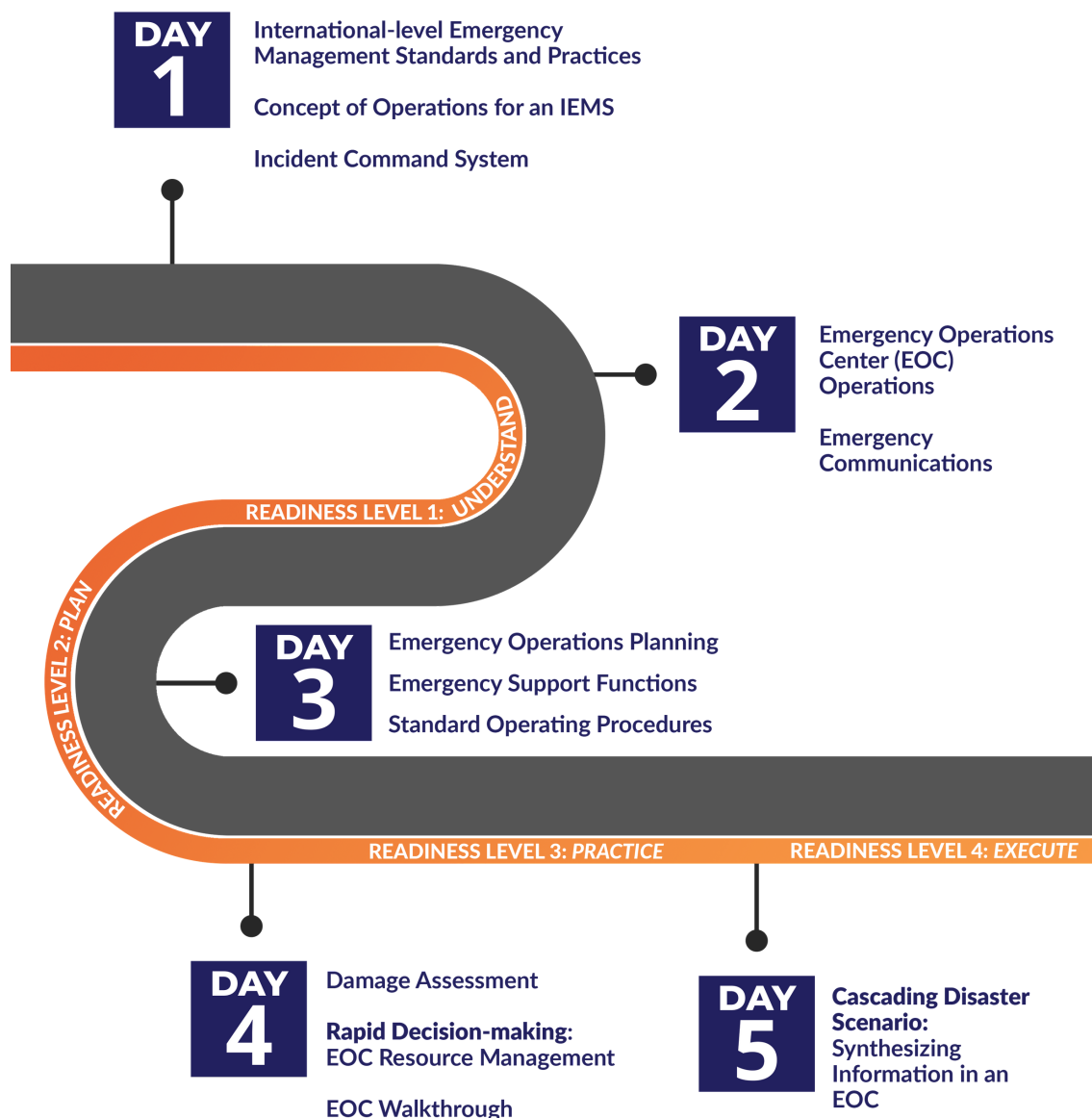
READINESS LEVEL 3:
Practice an IEMS

READINESS LEVEL 4:
Execute an IEMS



Approach

A bootcamp is an **interactive, participatory and practical learning environment** based on the concept of **learning-by-doing**. The bootcamp is delivered through a series of **group discussions** and **problem-solving activities** that will test and validate what you learn for each module, ensuring that you leave the bootcamp in measure to **immediately implement what you learned**.



Meet the team

Fouad Bendimerad, Ph.D., P.E.

A Stanford CEE alumnus with over 30 years of professional career, Dr. Bendimerad has lived through two major earthquakes and has investigated several other disasters including the 2004 Sumatra Earthquake, the 2013 Fukushima earthquake, as well as Hurricane Katrina and Typhoon Haiyan. He supervised the design and set up of the IEMS of several cities including Dhaka, Mumbai, Quezon City and Pasig.

Ritche Angeles

He is the former head of Pasig City's Disaster Risk Reduction and Management Office who led the city's response to one of the worst flooding events to hit Metro Manila. He was also involved in responding to various disasters in the country, including Typhoon Pedring in 2011, Typhoon Pablo and Sendong 2012, Bohol Earthquake and Typhoon Yolanda in 2013, Typhoon Yolanda 2013, and Typhoon Lando in 2015.

Jose Mari Daclan

He has led several of EMI's projects aimed at building emergency management capacity of public and private sector organizations in the Philippines, Myanmar, and Tanzania. He was involved in investigations of major disasters, such as Typhoon Haiyan in 2013, and the Nepal Earthquake in 2015.

Mary Luanne David

She has over 8 years experience in disaster risk management, and emergency management as part of regional and local government initiatives in the Philippines, including research and planning, communications, project management, training administration, EOC management and incident management. She is currently supporting ongoing EM capability building initiatives in Tanzania.

Nicolas Burk

He has over 20 years of experience in Disaster Management. He supported the 2004 Sumatra earthquake and tsunami response, as well as the response and recovery of multiple severe hurricanes that impacted the United States. He served as the Recovery Chief of Staff for the FEMA coordination during Hurricane Matthew in North Carolina in 2016, and was the Assistant Director of Emergency Management.

George Pornaras

He started his ICT career building the early Internet at NASA-Ames Research Center in Silicon Valley. He is a University of California-Berkeley EECS alumnus, a veteran of the US Air Force and US Peace Corps, as well as an ICT solutions architect for multiple telecommunications companies worldwide, including HKT, SingTel, BT, France Telecom, AT&T, Sprint, and PLDT.

Jerome Zayas

He is the lead designer of EMI's TED Program. He also supported the design of similar systems in Kathmandu, Pasig City, Mumbai, Quezon City, and Dar es Salaam. He led several recovery missions in Asia including Aceh, Yogyakarta, Tacloban City, and Marawi City.