



Established in 1998



Worldwide experience in 22 countries and 37 cities



Trained over 1000 practitioners globally

MARCH

GIS FOR URBAN RESILIENCE
BOOT CAMP
March 25-27, 2020

bit.ly/EMI-GISURBootcamp

APRIL

IEMS TED
BOOT CAMP
March 30 - April 3, 2020

bit.ly/EMI-TEDBootcamp

GENDER AND DRR

ONLINE COURSE
March 8 - April 4, 2020

bit.ly/GDRR-2020MarRegistration



Upcoming Boot camps

1. Resilient Communications
May 2020 - bit.ly/RCBootcampRegistration
2. Resilient Waste Management System
May 2020 - bit.ly/RWMSBootcampRegistration
3. Resilient Water and Wastewater System
June 2020 - bit.ly/RWWSBootcampRegistration



More Information

Bootcamp is only limited to 35 participants. We are offering 10% discount for early bird registrants (open until February 23, 2020), women, persons with disabilities and organizations with more than 3 participants.

Learn more about the bootcamp at bit.ly/EMI-GISURBootcamp



GIS

for Urban Resilience Bootcamp

Duration: 3 Days
Delivery: Face to face boot camp
Location: Manila, Philippines
Date: March 25-27, 2020
Fees: 750 USD*
Scholarships and discounts are available

A 3-day practical and hands on GIS-RS Training using QGIS, PostgreSQL and Google Earth in their applications in the field of disaster risk reduction (DRR) and emergency management (EM)

Register Now!
bit.ly/GISURBootcampRegistration

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emi-megacities.org
[emimegacities](https://www.linkedin.com/company/emimegacities)



GIS for DRR and EM Professionals

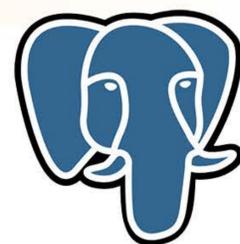


Bootcamp Content

LEARN THE BASIC APPLICATIONS OF OPEN SOURCE TOOLS FOR URBAN RESILIENCE



QGIS: analyze and edit spatial information, compose and export graphical maps



POSTGRES QL: manage and store data in a highly stable system with more than 20 years of community development



GOOGLE EARTH: access and explore one of the most comprehensive collection of remotely sensed data of the planet.

1.1 INTRODUCTION TO URBAN RESILIENCE



2.1 QGIS FAMILIARIZATION



2.2 BASIC GIS CONCEPTS



1.2 INTRODUCTION TO GIS

DAY 1

3.1 GEO-PROCESSING TOOLS



5 ROLE OF REMOTE SENSING IN URBAN RESILIENCE



4 GIS FOR URBAN RESILIENCE



3.2 INTRODUCTION TO EXPOSURE DATABASE

6.1 DRONE FLYING DEMO



DAY 2

7 INTRODUCTION TO SPATIAL DATABASE

8 OPEN SOURCE TOOL FOR DATABASE MANAGEMENT

6.2 REMOTE SENSING APPLICATIONS IN URBAN RESILIENCE



DAY 3

9 SPATIAL QUERIES USING POSTGIS

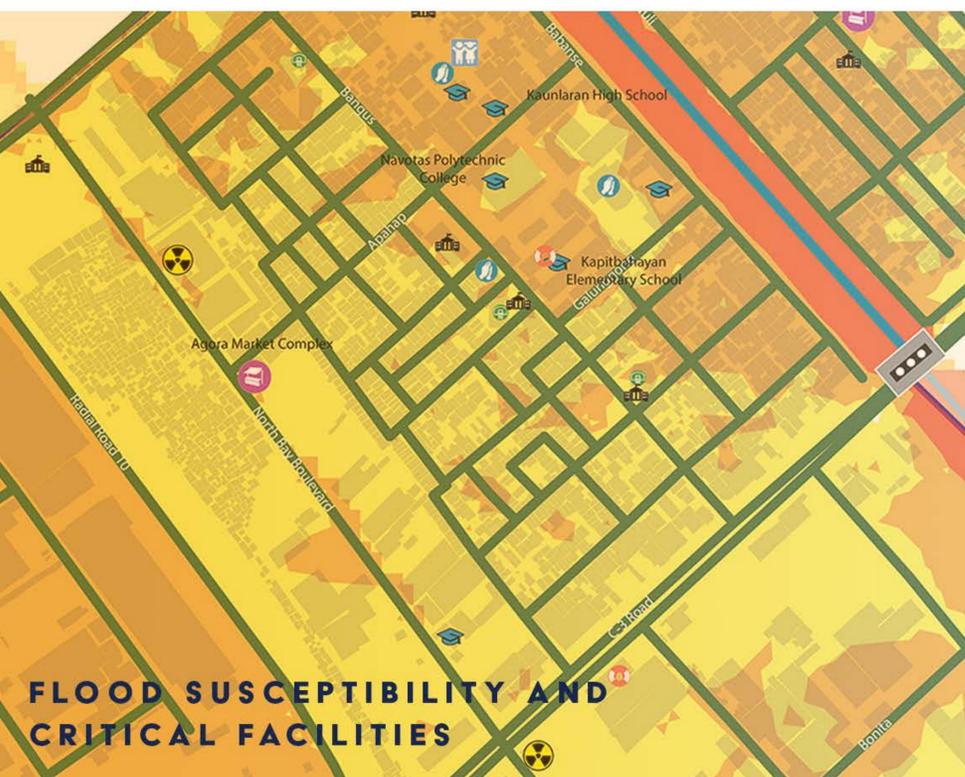


11 OPEN FORUM



10 SCENARIO BASED ANALYSIS ON DRM

Register Now!
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Geographic Information System and Remote Sensing (GIS-RS) technology enables us to identify, quantify, and reference the **spatial characteristics** of the natural and built environments. With GIS-RS, we can determine which areas are the most vulnerable in a city and how many people are located in these hazard prone areas. **GIS-RS serves as an essential tool for mapping, spatial planning, as well as assessing and managing hazards and risks.**

The boot camp will provide you with the skill sets to understand and apply GIS-RS technologies for urban resilience and introduce three powerful software and systems in GIS, RS, and database management.

No previous knowledge of GIS is required.