#### **Course Information**

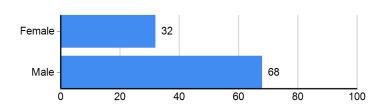
Course Code: E0179;L0179

Course Title: Application of Hazus-MH for Disaster Operations

Number of Evaluations Forms: 25 Response Rate: 100.00%

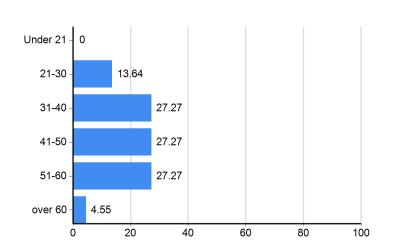
#### Gender

Category	Response
Female	8
Male	17
Total Responses:	25
Response Rate	100.00%



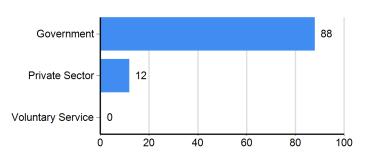
## Age

Category	Response
Under 21	0
21-30	3
31-40	6
41-50	6
51-60	6
over 60	1
Total Responses:	22
Response Rate	88.00%



### **Work Type**

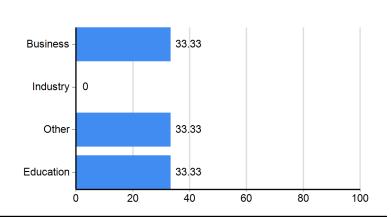
Category	Response
Government	22
Private Sector	3
Voluntary Service	0
Total Responses:	25
Response Rate	100.00%



Category	Response				ı		
Federal	7	Federal -		31.82			
State	2	0.1	0.00				
County	8	State -	9.09				
City/Town	5	County -		36.36			
Tribal	0	County		00.00			
Territory	0	City/Town -		22.73			
Other	0	·					
Total Responses:	22	Tribal -	0				
Response Rate	88.00%						
		Territory -	0				
		Other -	0				
		0	2	0 40	60	80	

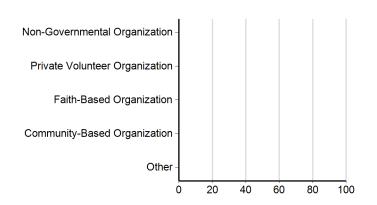
### **Private Sector Type**

Cat	egory	Response
Bus	iness	1
Indu	ustry	0
Edu	cation	1
Oth	er	1
Tota	al Responses:	3
Res	sponse Rate	12.00%



# **Voluntary Service Type**

Category	Response
Non-Governmental Organization	0
Private Volunteer Organization	0
Faith-Based Organization	0
Community-Based Organization	0
Other	0
Total Responses:	0
Response Rate	0.00%



**Local Government Size** 

Category	Response	ı						
Less than 40,000	3	Less than 40,000 -		25				
40,001 - 200,000	5							
200,001 - 500,000	3	40,001 - 200,000 -			41.67			
More than 500,000	1							
Total Responses:	12	200,001 - 500,000 -		25				
Response Rate	48.00%	200,001 000,000		20				
		More than 500,000 -	8.33					
		ď	20	4	0 6	SO 8	30	100

## Work Service

Category	Response						
Council, Board or Commission Member	0		0				
Chief Executive/Administrator	0	Chief Two subject / Advantage to the charge	0				
Emergency Management	13	Chief Executive/Administrator -	1 0				
Fire Service	0					52	
Law Enforcement	0						
Public Works/Utilities	2	Fire Service -	0				
Rescue	0		0				
Shelter/Evacuation	0						
Radiological	0	Public Works/Utilities -		8			
Health Care	0		0				
Voluntary Organization	0		ਁ				
Other	10	Shelter/Evacuation -	0				
Total Responses:	25		0				
Response Rate	100.00%		١				
		Health Care -	0				
			0				
		Other -			40		

**Emergency Management Role** 

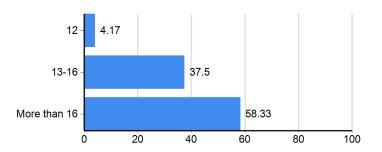
Category	Response								
Elected Official	0	Elected Official -	0						
Appointed Executive	2	Appointed Executive -		8					
Department Head	0	Appointed Excodure							
Supervisor	4	Department Head -	0						
Training Specialist	0	Sumaniaan			16				
Technical Specialist	14	Supervisor -			16				
Support Staff	1	Training Specialist -	0						
Advisor/Consultant	1								
Public Information Specialist	0	Technical Specialist -					56		
Other	3	Support Staff -	4						
Total Responses:	25	Сприн	E '						
Response Rate	100.00%	Advisor/Consultant -	4						
		Public Information Specialist -	0						
		Other -		12	2				
				2	0 4	0	60	80	

# Years of Experience

Category	Response					
Less than 1	4	Less than 1 -	16.67			
1-5	6	4.5	25			
6-10	4	1-5 -	25			
11-15	7	6-10 -	16.67			
16-20	1					
Over 20	2	11-15 -	29.17			
Total Responses:	24					
Response Rate	96.00%	16-20 -	4.17			
		Over 20 -	8.33			
		0	20 40	60	80	100

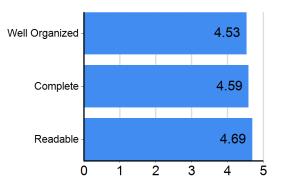
### **Formal Education**

Category	Response
12	1
13-16	9
More than 16	14
Total Responses:	24
Response Rate	96.00%



#### **Printed Materials:**

Category	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Well Organized	0	0	2	4	11
Complete	0	0	2	3	12
Readable	0	0	1	3	12



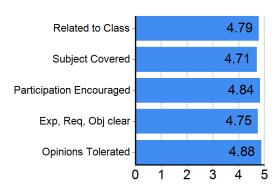
### **Audio Visual:**

Category	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Related to Course	0	0	0	4	20
Good Quality	0	0	2	6	16
In Appropriate Number	0	0	0	6	17



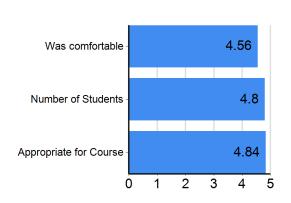
### Instruction:

Category	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Related to Class	0	0	0	5	19
Subject Covered	0	0	1	5	18
Participation Encouraged	0	0	0	4	21
Exp, Req, Obj clear	0	0	0	6	18
Opinions Tolerated	0	0	0	3	22



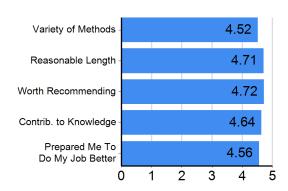
#### Classroom:

Category	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Was comfortable	0	1	0	8	16
Number of Students	0	0	0	5	20
Appropriate for Course	0	0	0	4	21



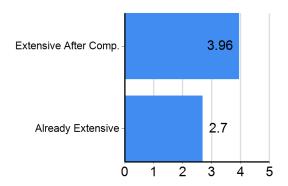
#### Course:

Category	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Variety of Methods	1	0	1	5	16
Reasonable Length	0	0	0	7	17
Worth Recommending	0	0	1	5	19
Contrib. to Knowledge	0	0	1	7	17
Prepared Me To	0	0	1	9	15



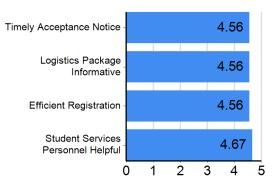
### Knowledge:

Category	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Extensive After Comp.	0	3	3	10	8
Already Extensive	3	7	9	2	2



#### Admissions:

Category	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Timely Acceptance Notice	0	0	0	11	14
Logistics Package Informative	0	1	0	8	16
Efficient Registration	0	0	1	9	15
Student Services Personnel Helpful	0	0	0	8	16



4.4

4.5

4.22

4.52

4.43

4.59

2 3 4

0

#### **Student Services:**

Transportation Adequate	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Category
Lodging -	7	1	1	1	0	Transportation Adequate
Wholesome Food	15	7	1	1	0	Lodging
Recreational amenities -	9	10	4	0	0	Wholesome Food
Learning Resource Center	13	9	1	0	0	Recreational amenities
Security Staff	8	4	2	0	0	Learning Resource Center
(	14	7	1	0	0	Security Staff

Overall Course Rating	Content	Instruction
	4.53	4.73

#### **Course Remarks**

#### Most Valuable

E0179 9/28/2015 - 10/1/2015

Skills and concepts in the use of GIS and Hazus to support current operations. Specific focus on sheltering, debris, and CI/RF was excellent. Excellent adaptation by Jordan and Kevin to Congress CR issues.

E0179 9/28/2015 - 10/1/2015

Level of instruction--exceptional! Very challenging and thought-provoking. Great mix of participants. Exercising/tops matched reality.

E0179 9/28/2015 - 10/1/2015

The instructor was wonderful. The material verbally provided was really good. Jordan did a great job and was very helpful.

E0179 9/28/2015 - 10/1/2015

Discussion of the subject from people with different backgrounds--Federal, state, and local. Learned a lot from people with emergency background, what they want from GIS. Gained knowledge from the course. The FEMA Geoplatform and data without template.

E0179 9/28/2015 - 10/1/2015

The discussion with peers and explanation of the system by the instructor and my group peers was extremely valuable.

E0179 9/28/2015 - 10/1/2015

Data! Planning and gap analysis.

E0179 9/28/2015 - 10/1/2015

Kevin was extremely knowledgeable as well as a number of the course participants. The best parts of the course were the opportunities to work in Hazus-MH and discuss Ops potential from different perspectives.

E0179 9/28/2015 - 10/1/2015

Hands-on exercises. Opportunity to talk to/learn from others in class.

E0179 9/28/2015 - 10/1/2015

1) Exercises were applicable to emergency management operations and mirrored "real-world" events. 2) Instructor encouraged students to provide feedback and share experiences. 3) This instructor is obviously an SME and it shows.

E0179 9/28/2015 - 10/1/2015

Talking directly with FEMA personnel and peers.

E0179 9/28/2015 - 10/1/2015

The course greatly expanded my knowledge of how GIS and Hazus are applied in disaster operations.

E0179 9/28/2015 - 10/1/2015

Thinking outside the box. Learned more than expected.

E0179 9/28/2015 - 10/1/2015

Input of other (especially FEMA) students on real-world disaster ops. Kevin Mickey's perspective.

E0179 9/28/2015 - 10/1/2015

Remarks from FEMA representatives.

E0179 9/28/2015 - 10/1/2015

Course instruction was great and encouraged student participation.

E0179 9/17/2018 - 9/20/2018

Opportunity to learn from mistakes.

E0179 9/17/2018 - 9/20/2018

The hints or tips that are talked about and not necessarily written down are the real value of the class.

E0179 9/17/2018 - 9/20/2018

Instructional time and networking are always of value. The immersive environments and benefits cannot be duplicated through only other delivery. It is always a unique and great experience.

E0179 9/17/2018 - 9/20/2018

Discussion and instructors.

E0179 9/17/2018 - 9/20/2018

Hands on activities/exercises written instructions were very helpful yet still make you think.

#### Suggestion

E0179 9/28/2015 - 10/1/2015

Congress. Some network issues with software freezing.

E0179 9/28/2015 - 10/1/2015

This course was excellent. Excellent discussion and idea sharing from both an operations and technical (GIS/Hazus) point of view on a variety of relevant topics. Don't change anything.

E0179 9/28/2015 - 10/1/2015

The threat of government shutdown. Lack of printed material.

E0179 9/28/2015 - 10/1/2015

Provide written material. It is important to me to take notes against the lecture.

E0179 9/28/2015 - 10/1/2015

It would have been helpful to have had some of the documents printed for the exercises.

E0179 9/28/2015 - 10/1/2015

Have more FEMA staff get introduced to Hazus. I will continue to look at and consider Hazus application for disaster operations and how it can improve FEMA efforts for our partners and disaster survivors.

E0179 9/28/2015 - 10/1/2015

Will be nice to work on all the exercises if we weren't in the limited time due to possibilities of government shutdown.

E0179 9/28/2015 - 10/1/2015

Print out the exercise material. Easier to fill out the answer.

E0179 9/28/2015 - 10/1/2015

Review of NIMS, ICS structure; however, that was beneficial for some of our classmates.

E0179 9/28/2015 - 10/1/2015

Require the prerequisites be completed. Engage with FEMA's HQ GeoConop shop to present--every course.

E0179 9/28/2015 - 10/1/2015

Earthquake (N/A in our region).

E0179 9/28/2015 - 10/1/2015

Please print all exercise pages!

E0179 9/28/2015 - 10/1/2015

This course was very rushed and I wish we had more time. It was unavoidable as we crossed FYs and were unsure of whether a CR would be approved. I would have preferred rescheduling this course until December.

E0179 9/28/2015 - 10/1/2015

Ensure all participants have taken the prerequisites or slow down course delivery to accommodate less experienced users or slower learners.

E0179 9/28/2015 - 10/1/2015

Better clarity in course description and prerequisites.

E0179 9/28/2015 - 10/1/2015

1) File structures and sharing of data should be managed through FEMA Resources, which include: A) FEMA GIS SOP, B) FEMA Geoplatform. 2) If we, as FEMA, are going "green", enable our technologies. Don't lock files. Store info in a SharePoint, like HSIN.

E0179 9/28/2015 - 10/1/2015

Great class!

E0179 9/28/2015 - 10/1/2015

The threat of closure of EMI, with pressure on the class.

E0179 9/28/2015 - 10/1/2015

While not a suggestion for improvement of this course, I would like to see an advanced and/or intermediate GIS for emergency managers course developed.

E0179 9/28/2015 - 10/1/2015

More real-world examples.

E0179 9/28/2015 - 10/1/2015

Earlier decision to run course. Print exercise worksheets.

E0179 9/28/2015 - 10/1/2015

Keep the length of classes at 3 days.

E0179 9/28/2015 - 10/1/2015

Needs to be updated with current FEMA GIS playbook "Geo Framework."

E0179 9/17/2018 - 9/20/2018

Preview class presentation materials and make changes before class starts. Please no more Beta classes. More classes on Hazus please.

E0179 9/17/2018 - 9/20/2018

Images before instructions on written exercises.

E0179 9/17/2018 - 9/20/2018

Course materials need improvement but are under construction so is under stood.

E0179 9/17/2018 - 9/20/2018

More emergency management integration.

E0179 9/17/2018 - 9/20/2018

Exercises - have more flawed data.

E0179 9/17/2018 - 9/20/2018

PPT slides.

E0179 9/17/2018 - 9/20/2018

This course seems too similar to Basic Hazus and it was not clear what is for disaster ops. I'm not clear what value this course has in Hazus certification tracks. It could be useful more for those who haven't used Hazus in a while or EMs not planning to complete the Hazus trained user/practitioner tracks. The usefulness is especially limited when students are better off taking the focused courses like Hurricane, Tsunami, Earthquake, Flood.

E0179 9/17/2018 - 9/20/2018

More hands on activities/exercises in the hazard program. The instructions for lesson activities should be accessible to students after the completion of the course for our reference as we apply these skills in the field.

### **Facility Remarks**

#### Suggestion

E0179 9/28/2015 - 10/1/2015

Room is very cold.

E0179 9/28/2015 - 10/1/2015

Hardware. Increase the PC's RAM from 4 Gigs to the max of 16 Gigs. This will speed up processing and exercises run faster and more efficient.

E0179 9/28/2015 - 10/1/2015

Restroom facilities could stand an update--rusted partitions, cracked tiles.

E0179 9/28/2015 - 10/1/2015

At least two airports for pickup.

E0179 9/17/2018 - 9/20/2018

More vegetable and lean protein would be great. Fresh fruit.