



NHERI



University of Colorado **Boulder**

CONVERGE TRAINING MODULES

SAMPLE ASSIGNMENT



Course: HSEP 310: Risk & Vulnerability Assessment

Description: 3 credits, undergraduate level course for Homeland Security and Emergency Preparedness majors and others at Virginia Commonwealth University

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Session: Spring 2020

Due: February 29, 2020

Points Possible: 50

SOCIAL VULNERABILITY AND WARNING SYSTEMS TRAINING MODULE ASSIGNMENT

Assignment Overview:

This assignment contains two parts.

The first part requires you to register with the [CONVERGE](#) project and complete the training module for [Social Vulnerability and Disasters](#). CONVERGE is a National Science Foundation-funded initiative headquartered at the [Natural Hazards Center](#) at the University of Colorado Boulder. CONVERGE has developed a series of [training modules](#) to advance the ethical conduct and scientific rigor of hazards and disaster research. This training module focuses on social vulnerability to hazards and disasters, with an emphasis on population groups that have been identified in the literature as especially at risk to the adverse effects of extreme events.

The second part of this assignment requires you to make a CANVAS discussion board post synthesizing the content from the CONVERGE training module with the previous course modules on threat assessment, risk communication, public-private partnerships, modern technology in emergency management, and warning systems.

Instructions:

Part I: CONVERGE Training Module: Social Vulnerability and Disasters (25 Points)

1. [REGISTER](#) and create an account with CONVERGE.
2. Complete the [Social Vulnerability and Disasters](#) training module.
3. Take the final quiz. Get 8 out of the 10 questions correct to receive a certificate of completion.
4. Upload a copy of your certificate of completion to the link provided in CANVAS.
5. Add the certificate to your resume and consider completing additional modules



Part II. CANVAS Discussion Board Posts (25 Points)

Reflect on your hometown and any threats of rapid-onset disasters that can occur. Identify a population discussed in your CONVERGE training module or another socially vulnerable segment of your community that would be disproportionately impacted by the disaster.

1. Propose an effective warning system that uses the most sophisticated technology available and a low-tech adaptive option that can be deployed during times of electric grid failure. 250 words max. (15 points)
2. Your proposal should also include the following: the name of your hometown, the type of rapid on-set disaster(s), the at-risk vulnerable population(s) your system aims to reach, and a method to educate the public about the new warning system.
3. After your initial post, you must respond to at least two other students' posts in your group before the deadline. Responses should be limited to a few sentences but should be substantive. (10 points)
4. See syllabus for discussion tips and grading rubric.

