Humanitarian Response and Disaster Management
CVEN 4837/5837
Fall Semester, 2017: Tues & Thurs 12:30-1:45 pm, ECCE 1B41

Instructor:
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Office: Fleming 205
Office hours: Mondays and Tuesdays 3-5pm (or by appointment)
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Course description
The course will give an overview of the main principles, standards, and key stakeholders involved in humanitarian response. Disaster definition and classification will be presented and the different phases of disaster and crisis management will be analyzed with emphasis in the disaster risk reduction and resilience perspective. The importance of community engagement and accountability will also be presented as well as methods to assess the community resilience and several tools designed to increase the disaster preparedness. Both the management of immediate post-disaster humanitarian assistance and the dynamics of longer-term community recovery will be considered. Finally, all the component of an emergency preparedness and response plan will be analyzed.

Learning objectives
- Describe the global system of humanitarian assistance and aid.
- Discuss the theory and practice of the various phases of emergency management.
- Understand the importance of a disaster risk reduction and resilience perspective.
- Understand the factors affecting short and long-term recovery and rebuilding.
- Assess the current challenges presented by migration, refugees and displacement.
- Analyze and assess an emergency response plan.

Textbook and materials
Other readings will be provided. This course is responsive to current events and course material may be adapted to reflect such. Check regularly on email and D2L for information about readings and assignments.

Course content (subject to change)
1. Course overview and introduction.
2. The Sphere Project
   - Humanitarian Charter, Protection Principles and Core Standards
   - Water Supply, Sanitation, and Hygiene Promotion
   - Food Security and Nutrition
   - Shelter, Settlement and no-Food Items
   - Health Action
   - Revising the Sphere Standards
3. Humanitarian reform and architecture
4. Disaster and Crisis Management
   - Planning and funding the humanitarian response
   - Preparedness
     - Disaster risk reduction and resilience
     - Community engagement and accountability
     - Disaster preparedness tools
   - Response
     - The cluster approach
     - Analysis of case studies
   - Recovery
     - Shelter and settlements approaches
     - Permanent relocation
5. Migration, refugees and displacement
6. Hazard risk mapping
7. Hazard impact scenario analysis
8. Contingency plan

Assignments

Class participation: class participation is an essential component of the requirements for successful completion of this course. Points for class participation are not simply guaranteed by attendance; participation consists of being present in class, reading all assignments prior to the beginning of class, and being an active member in class discussions and presentations.

Reports and presentations: Students will report and present about the assigned lectures. Graduate students will prepare a disaster case analysis about a major U.S. or international disaster and present it. Directions for the reports and presentations will be given in class and posted in D2L.

Project 1: Using high-resolution Digital Globe satellite imagery, students will map existing road and building infrastructure, terrain features, and land use in the urban area of the Municipality of Carigara, Philippines. The requested mapping will be completed using OpenStreetMaps (OMS).

Project 2: Geospatial data from OMS and hazard maps will be used for the analysis of hazard impact scenarios. Student will use open source QGIS and InaSAFE software to model different hazards. The product will be the identification of high risk communities and areas within Carigara, and the development of a contingency plan. Directions for the projects will be presented in class and posted in D2L.

Grading

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Participation</td>
<td>25%</td>
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<tr>
<td>Reports and presentations</td>
<td>35%</td>
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<tr>
<td>Project 1 (individual)</td>
<td>10%</td>
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<tr>
<td>Project 2 (group)</td>
<td>30%</td>
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Your final grade will be calculated based on the percentage grade earned on each of the assignments listed above and will be as follows:

> 92 = A; 90-92 = A-; 87-89 = B+; 83-86 = B; 80-82 = B-; 77-79 = C+; 73-76 = C; 70-72 = C-; 60-69 = D; <60 = F
Taking the course at the graduate level

Students taking the course at the graduate level will be given additional reading assignments. They will be asked to work on more extensive term project and serve as mentors to the undergraduate students.

Accommodation Statement

I am committed to providing everyone the support and services needed to participate in this course. If you qualify for accommodations because of a disability, please submit to your professor a letter from Disability Services in a timely manner (for exam accommodations provide your letter at least one week prior to the exam) so that your needs can be addressed. Disability Services determines accommodations based on documented disabilities. Contact Disability Services at 303-492-8671 or by e-mail at dsinfo@colorado.edu. If you have a temporary medical condition or injury, see Temporary Medical Conditions: Injuries, Surgeries, and Illnesses guidelines under Quick Links at Disability Services website and discuss your needs with me.

Religious Observances

Campus policy regarding religious observances requires that faculty make every effort to deal reasonably and fairly with all students who, because of religious obligations, have conflicts with scheduled exams, assignments or required assignments/attendance. If this applies to you, please speak with me directly as soon as possible at the beginning of the term.

Classroom Behavior

Students and faculty each have responsibility for maintaining an appropriate learning environment. Those who fail to adhere to such behavioral standards may be subject to discipline. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, color, culture, religion, creed, politics, veteran’s status, sexual orientation, gender, gender identity and gender expression, age, ability, and nationality. Class rosters are provided to the instructor with the student's legal name. I will gladly honor your request to address you by an alternate name or gender pronoun. Please advise me of this preference early in the semester so that I may make appropriate changes to my records. For more information, see the policies on class behavior and the student code.

Discrimination and Harassment

The University of Colorado Boulder (CU-Boulder) is committed to maintaining a positive learning, working, and living environment. CU-Boulder will not tolerate acts of discrimination or harassment based upon Protected Classes or related retaliation against or by any employee or student. For purposes of this CU-Boulder policy, "Protected Classes" refers to race, color, national origin, sex, pregnancy, age, disability, creed, religion, sexual orientation, gender identity, gender expression, veteran status, political affiliation or political philosophy. Individuals who believe they have been discriminated against should contact the Office of Discrimination and Harassment (ODH) at 303-492-2127 or the Office of Student Conduct (OSC) at 303-492-5550. The full policy on discrimination and harassment has more information.
Honor Code

All students of the University of Colorado at Boulder are responsible for knowing and adhering to the academic integrity policy of this institution. Violations of this policy may include: cheating, plagiarism, aid of academic dishonesty, fabrication, lying, bribery, and threatening behavior. All incidents of academic misconduct shall be reported to the Honor Code Council (honor@colorado.edu; 303-735-2273). Students who are found to be in violation of the academic integrity policy will be subject to both academic sanctions from the faculty member and non-academic sanctions (including but not limited to university probation, suspension, or expulsion). The Honor Code Office has more information.