



619050-EPP-1-2020-1-DE-EPPKA2-CBHE-JP

New Course

Community Based Disaster Management

Semester -II: January – June

Coordinator	Dr Deep Narayan Pandey
Credits	4 Credits
Lecturers	Dr Deep Narayan Pandey
Level	M.A.
Host institution	Special Centre for Disaster Research (SCDR), Jawaharlal Nehru University, New Delhi
Course duration	One Semester [July - December]

Summary

This one full semester elective course provides the Master level students of Disaster Studies the basic understanding the community based disaster management and its importance in present regime of disasters. It will introduce students to concepts, tools, methods of community based disaster management, while giving importance to wide range of communities in different geographic location with varied socio-economical settings. The course will touch upon structures and semi-structured frameworks at international, national and sub-national contexts. The course includes individual assignments.

Target Student Audiences

Semester - II Students of M.A.

Prerequisites

- Nil

Aims and Objectives

This course has been designed with a view to help students in developing a comprehensive understanding and knowledge of the concepts underlying community based disaster risk management in the context of the disaster management cycle and beyond. The course work emphasises on the scope of disaster preparedness strategy and associated aspects, thus generating a locally appropriate and locally owned strategy for disaster preparedness and risk reduction. The main objectives of the course are: (i) to help students in understanding importance of community based disaster management; (ii) to comprehend Indian disaster management framework and community based disaster management; and (iii) to visualise role of community in disaster risk reduction and sustainable development.



Co-funded by the
Erasmus+ Programme
of the European Union



Urban Resilience and Adaptation for
India and Mongolia
curricula, capacity, ICT and stakeholder
collaboration to support green & blue
infrastructure and nature-based solutions

619050-EPP-1-2020-1-DE-EPPKA2-CBHE-JP



	budgeting, Convergence, Gender-sensitive community based disaster management, Inclusion of other disadvantaged groups			
Lectures and Presentations	Building Capacity and Community Resilience - Community Resilience planning and tools. Disaster Literacy of Society. Community Resilience - Rural and Urban Area. Media, Community and Disaster Management.	End Semester Examination	08	08
Lectures and Presentations	Community Participation and Awareness - Community Level Emergency Management. Importance of Community Participation in Disaster Preparedness. Case Study from Coastal India and Coastal Borders. Case Study from Himalayan Region and Terrestrial borders	End Semester Examination	08	08
Independent work				
Individual Assignments	Field Trips and interaction with communities and documenting selected case studies	Individual Presentations	08	08
Total			56	56

Grading

The students' performance will be based on the following:

- Quizzes/Surprise Test – 10%
- Mid Semester Examination – 30%
- End Semester Examination – 50%
- Individual Assignments – 10%

Grade	Grade Point	FGPA	Class/Division
A+	9	8.5 and above	High First Class
A	8	7.5 and above but less than 8.5	Middle First Class
A-	7	6.5 and above but less than 7.5	Lower First Class
B+	6	5.5 and above but less than 6.5	High Second Class
B	5	4.5 and above but less than 5.5	Middle Second Class
B-	4	3.5 and above but less than 4.5	Lower Second Class
C+	3		
C	2		
C-	1		
F	0		



- Adenrele Awotona (2017) Planning for Community-based Disaster Resilience Worldwide - Learning from Case Studies in Six Continents, Routledge, 490 Pages.
- Ayers J, Huq S (2009) Community based adaptation to climate change: an update. IIED, London
- Chen, LC., Liu, YC. & Chan, KC. Integrated Community-Based Disaster Management Program in Taiwan: A Case Study of Shang-An Village. Nat Hazards 37, 209 (2006). <https://doi.org/10.1007/s11069-005-4669-5>
- Chowdhury Emdadul Haque, and David Etkin (2012) Disaster Risk and Vulnerability Mitigation Through Mobilizing Communities and Partnerships, McGill-Queen's University Press: Montreal, 320 pages.
- de Silva, A., Haigh, R., Amaratunga, D. (2021). A Systematic Literature Review of Community-Based Knowledge in Disaster Risk Reduction. In: Amaratunga, D., Haigh, R., Dias, N. (eds) Multi-Hazard Early Warning and Disaster Risks. Springer, Cham. https://doi.org/10.1007/978-3-030-73003-1_20
- Gero, A., Méheux, K., & Dominey-Howes, D. (2011). Integrating community based disaster risk reduction and climate change adaptation: Examples from the Pacific.
- Habiba U, Shaw R (2012) Bangladesh experiences of community based disaster risk reduction. In: Shaw R (ed) Community, environment and disaster risk management, vol 10. Emerald Group Publishing Limited, Bingley, pp 91–111
- Habiba, U., Shaw, R., Abedin, M.A. (2013). Community-Based Disaster Risk Reduction Approaches in Bangladesh. In: Shaw, R., Mallick, F., Islam, A. (eds) Disaster Risk Reduction Approaches in Bangladesh. Disaster Risk Reduction. Springer, Tokyo. https://doi.org/10.1007/978-4-431-54252-0_12
- Kapiarsa, A., & Sariffuddin, S. (2018). Local knowledge: Empirical fact to develop community based disaster risk management concept for community resilience at Mangkang Kulon Village, Semarang City. Paper presented at the IOP conference series: Earth and Environmental Science.
- Katsuya Yamori (2020) Disaster Risk Communication - A Challenge from a Social Psychological Perspective, Springer Singapore.
- Raj Gautam Dhruva and Sudarshan C. Khanal (2009) Community Based Disaster Risk Reduction: Contribution To Hyogo Framework Of Action, Mercy Corps:Lailtpur, Nepal.
- Rovshan Abbasov (2017) Community-Based Disaster Risk Management in Azerbaijan Springer International Publishing: Davis.



619050-EPP-1-2020-1-DE-EPPKA2-CBHE-JP



- Sakurai, A., Ito, T. (2022). Community-Based Disaster Risk Reduction Education in Japan. In: Ito, T., Tamura, M., Kotera, A., Ishikawa-Ishiwata, Y. (eds) Interlocal Adaptations to Climate Change in East and Southeast Asia. SpringerBriefs in Climate Studies. Springer, Cham. https://doi.org/10.1007/978-3-030-81207-2_8
- Shaw R, (2012) Community Based Disaster Risk Reduction, Emerald Group Publishing Limited:Bingley.
- Shaw R, (2014) Community Practices for Disaster Risk Reduction in Japan, Springer Japan.
- Shaw R, (2016) Community Based Disaster Risk Reduction, <https://doi.org/10.1093/acrefore/9780199389407.013.47>
- Shaw R, Okazaki K (2003) Sustainability in grass-roots initiatives: focus on community based disaster management. UNCRD Publication, Kobe (99 pp)
- Shaw R, Okazaki K (2004) Sustainable community based disaster management practices in Asia: A user's guide. Kobe: UNCRD
- Van Niekerk, D., Nemaokonde, L.D., Kruger, L., Forbes-Genade, K. (2018). Community-Based Disaster Risk Management. In: Rodríguez, H., Donner, W., Trainor, J. (eds) Handbook of Disaster Research. Handbooks of Sociology and Social Research. Springer, Cham. https://doi.org/10.1007/978-3-319-63254-4_20
- Zhang, X., Yi, L. & Zhao, D. Community-based disaster management: a review of progress in China. Nat Hazards 65, 2215–2239 (2013). <https://doi.org/10.1007/s11069-012-0471>