

WGCG evening talk on Wednesday 20th April, 2022 at 7.30pm
– at Kenilworth Methodist Church and on Zoom

A Recipe for Disaster

Presented by Ekbal Hussain



Globally, two thirds of deaths arising from natural hazards in recent decades were caused by geological hazards. But how and why do natural hazards turn into disasters? In this talk I will explore this question through the lens of one particularly troublesome hazard: earthquakes. The death toll for a given earthquake magnitude (and mechanism) will depend on geographic location, the social vulnerability of communities and the quality of the building stock. This talk will compare and contrast global trends in earthquake fatalities and aim to extract common themes that exacerbate the impact of natural hazards, and consider where and why these turn into disasters.

Ekbal Hussain is the Topic Lead for Multi-hazard Systems and a Remote Sensing Geoscientist at the British Geological Survey. His research focuses on the use of satellite imagery to understand earth processes, particularly those related to natural hazards such as earthquakes, landslides and sand dune migration. Ekbal is an advocate for holistic multi-hazard approaches to understanding and managing the impact of disasters to society.



Register in advance for this meeting on Zoom:

<https://us02web.zoom.us/meeting/register/tZYucO6vqzMqH9btluaPnFkcL036cDvc54DQ>

After registering, you will receive a confirmation email containing information about joining the meeting.