



This module aims to provide an integrated perspective on a variety of natural hazards, the different levels of impact on human societies, and the mitigation/adaptation strategies adopted before, during and after extreme natural events.

The curriculum includes an introduction to natural hazards and their definition from a scientific or social perspective; how to measure the impact of different types of natural hazards, and how they become natural disasters.

The scope of natural hazards covered is extensive, such as volcanoes, earthquakes, mass movement (geophysical); floods and storm surges (hydrological); storms, tornadoes and cyclones (meteorological), temperature extremes, drought and wildfire (climatological); and plagues, viral infection, HABs (biological). For each type, an assessment of the impacts on societies will be outlined as well as the means to cope with these events.

This module utilizes the breadth of research expertise across the School of Environmental Sciences, thus ensuring that the learning experience is research-led.

