Promoting the enhancement of Teaching and Learning Activities: An Integrated Hazard Management Approach

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Purpose - to outline an integrated approach towards the understanding of Hazard Management, which uses different teaching styles: lectures, a video and group work to enable students to be:

- Efficient learners
- Active participants in their own learning process

Use of an authentic UN Volcanic Emergency Management handbook was available to give some authenticity to the task

Halfway through the first hour, students were given information which upgraded the alert levels, so they had to react to this new scenario e.g. Kilauea Volcano

After some spectacular fire fountains, the north-east rim of the Kilauea crater has split and collapsed along a 200 metre front and lava is spilling out over the lower rim towards Glenwood. Sulphur Dioxide emissions have increased to 3200 ton/day and there is a moderate breeze from the south-west

Reflection on the exercise

- The task and presentations worked very well; students engaged with the exercise and were interested and motivated
- Peer and self-assessment of the presentations was not an original element of the exercise. With reflection it would be a valuable part of student learning, especially if the students were involved in setting the criteria for peer assessment.