

## Disaster films as educational materials in geosciences

# Tsubin Kaku[1]; Tadahiro Hatakeyama[2]; Kei Kurita[3]

[1] none; [2] IPC, Okayama University of Science; [3] ERI, Univ. of Tokyo

In the recent decade, some disaster films deal with natural scientific events as its backgrounds. Events dealt with are volcanic eruptions, geomagnetism burst, and meteorite or asteroid collisions to the Earth, etc. They may be used as educational materials, as these 'disaster films' are using computer graphics to make those events more natural and effective. However, there are some mistakes in these films to make their stories more dramatic. We select some of those films to examine if their descriptions on natural events are correct or not and the possibility as educational materials.

Twister (1996)

Dante's Peak (1997)

Volcano (1997)

Armageddon (1998)

Deep Impact (1998)

The Core (2003)

Day After Tomorrow (2004)