



Using Animation to Convey Natural Hazards and Anthropogenic Change

Isaac Kerlow

Earth Observatory of Singapore, Singapore (isaac@ntu.edu.sg)

Moving images are a powerful medium for analyzing, exploring and visually communicating complex concepts, and they are also the premiere medium for contemporary storytelling. Animation is particularly adept for explaining complex concepts and also for creating emotional messages. On a practical level animation can be free from the production constraints and the expense of live action filming. This presentation shows and explains a variety of Earth-inspired animated sequences produced by the Art+Media Research Group at the Earth Observatory of Singapore. These animations have been used in a variety of interdisciplinary projects with multiple roles: sometimes to clearly explain a concept, others to elicit a feeling, or to present an emotion that facilitates learning. The projects reviewed range from scientific documentaries, to narrative shorts and interactive games. <http://art-science-media.com/>