

“The Sound of Nature’s Fury”

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Infrasounds are sounds below the human hearing threshold, the vibrations that you’d feel in your body in a movie theater when Godzilla wrecks The City, or the aliens fire the Death Ray. Infrasounds can travel in the atmosphere around Earth. For instance, the eruption of mount Kelut, Indonesia, was recorded Alaska, USA, more than 11000 kilometers away. And a giant meteor that exploded over Russia produced deep sounds recorded in Antarctica, twice. What can we learn from them? How can we get early warning about Natural Hazards from infrasound? And finally, why should we care in Singapore? In this presentation you will be listening to the sounds produced by Natural Hazards all around the world and get a sense on how we can get precious minutes of early warning that could save thousands of lives and billions of dollars in economic losses.