What is GeoScience and why should you learn about it?

Numbers in brackets are *indicative* of duration in minutes.

Ideas	Minutes	Visuals
1. Presenter introduction.	4	1. Preferably as a life-long student fascinated with geography rather than as a teacher.
2. Introduction: a. What is GeoScience? b. What does geoscience cover?	5	2. Slides: a. *Text slide:* Definition: Physical geography and Physical science = GeoScience. b. *Graphic slide:* Venn diagram of Earth "spheres"
3. "I'll never use it!" — why should I understand geoscience? a. Example scenarios with explanations: i. Understanding Earth processes ii. Winds iii. Ocean currents iv. Understanding Earth processes and ingredients in our food items — delicious geoscience & geography	10	3. Screens i. Video clip of Sinabung eruption in Indonesia and how this influences life there ii. Live shot of windy.com iii. View of NASA's *Perpetual Ocean* clip iv. Slides from "Delicious and Precious Geography" showing connections
4. Visualizations of Earth, with examples from Twitter a. What does each example show us? b. What questions can we ask and try to answer with each image?	8	4. Still or video images of (a) Teesta River Basin, (b) Kosi river in Bihar, and (c) Mangaluru–Chennai cross section
5. How do satellite and related technologies help us? Introduction (and link) to an amazing NASA documentary showcasing the power of geoscience in understanding Earth as a *dynamic system*.	5	5. Text screens: a. Connections made in the film. b. Link to the YouTube film
6. Suggestions for action: a. Visit the TIGS website i. Blog ii. Online resources for geography and geoscience iii. Coming soon … iv. Contact	8	6. Online resources: a. TIGS site: i. Blog page (**www.tigs.in**) ii. Online resources page iii. Coming soon … interactive GeoInformatics blog iv. **geo@tigs.in**
Estimated presentation time:	40	+ Q&A for 15 minutes, if feasible.