

Visualization in geology:

Key milestones, best practices, and dispatches from the future

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Lore has it that a picture is worth a thousand words. But whether this is the correct “exchange rate” depends on the quality of the picture. What makes for an effective geological visualization? Where do poor geo-visualizations go astray? Where has geo-visualization come from, and where is it going? In this talk, we will explore: 1) Historical milestones over the past 500 years in making pictures of geological content, 2) Best practices in making graphics, 3) Best practices in geological photography, 4) Advances in the digital age, with an emphasis on Bentley’s work in GigaPans, 3D models from photogrammetry, and virtual field experiences.

