

An Equation Runs Through It: River Rafting in the Grand Canyon

Dr. Catherine Roberts
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Hyde Hall Room 349
Wednesday March 10th 4-5pm

Refreshments at 3:30 pm in the lounge

Abstract:

This talk will discuss a mathematical model for white water river rafting on the Colorado River in the Grand Canyon National Park. The speaker will discuss the challenges faced by the National Park Service as it seeks to manage, both responsively and responsibly, this important natural resource. How a mathematician came to play a part in these efforts will round out the presentation. The audience will see how a mathematical model was developed for a real-world example. She will show some spectacular photographs and video.