



Center for  
Education  
Through  
Exploration  
Arizona State  
University

# Living on the Edge: An Introduction to Geology Through Geological Disasters

Developed with the School of Earth and Sustainability at  
Northern Arizona University

Immerse students in an active, personalized, and data-rich learning experience that goes beyond traditional textbook learning, all while exploring the driving question:  
"Where on Earth is the safest place to live?"

## Course Structure

This Introduction to Geology course invites students to the brink of Earth's most powerful forces, where they delve into the mysteries behind some of nature's most destructive events. From violent earthquakes that reshape landscapes to storms that relentlessly batter coastlines, students explore the raw power of geologic disasters. Through evidence-based courseware, they journey into the world of scientists – piecing together clues, analyzing data, and observing the forces at play. With case studies and hands-on activities, students don't just learn about these hazards – they experience them. Each lesson sharpens their ability to assess risks and apply critical thinking, revealing the hidden dangers that threaten life on Earth. Take your class to the edge of discovery for just \$40 per student!

## Core Components

-  8 Sections Per Semester
-  \$40 per student
-  Developed for Non-Science Majors
-  Interactive Lessons with Personalized Feedback
-  Learn By Doing Pedagogy
-  Data Analysis

## Real-World Context

Students don't just learn about geologic hazards – they explore real-life impacts and investigate recent disasters within contexts they can relate to. Each unit focuses on a recent event, encouraging students to apply foundational concepts in ways that feel meaningful and relevant to their world.

## Personalized Learning Paths

Students engage with personalized learning paths that adapt to their individual needs. These paths address knowledge gaps while offering opportunities for deeper exploration and mastery of topics, creating a tailored learning experience for each student.

# Narrative-Based Learning

The course centers on the question, “Where on Earth is the safest place to live?” This guiding question invites students to explore the hazards they often hear about in the news and may even have experienced themselves or through friends and family. By the end, they’ll apply their knowledge to assess real-world risks and rethink common assumptions.

## Developed by Educators, for Educators, with Educators



### Active Classroom Experience

Class time can be reserved to clear up misconceptions and tackle challenges.



### Instant Feedback

Provides timely support, reducing the need for help with small details so you can focus on guiding students through larger concepts.



### Increased Engagement

Engages students through an interactive, narrative-driven approach.

## Push Learning to the Edge

Request a free demo to experience Living on the Edge’s personalized lessons, real-world applications, and narrative-driven learning firsthand.  
Scan the QR code or visit <https://landing.inspark.education/living-on-the-edge>

