

Bridging Q's

Day 4

Goals: As a result of today's teaching you should be able to explain the risks of natural hazards worldwide and how these relate to opportunities for generating power.

Breakfast: Natural Hazards pose risks to Humans

What are the risks of earthquakes in Michigan?

What are the geological characteristics of low seismic risk?

What other geological risks correlate with seismic risks?

Seismic Lab

Has seismic risk always been low in the Keweenaw?

How can we find evidence for seismic activity?

Why do rocks sometimes break and other times fold?

Peepsock Fault

Will this fault move again?

How does a fault influence buildings?

How big is this fault?

What are the signs of the fault in the topography?

Hungarian Falls—discussion of risk and opportunity

What determines the potential for water power at any place?

Do faults influence the scenic value and the teaching potential of a place?

If you wanted to go off the grid, what opportunities does the earth give you to use modern living helpers?

Kinzel Home

Given the low potential for many renewable energy sources in Michigan, is there any hope for local energy self sufficiency here?

What are the optimal environmental characteristics for wind power?

What are the environmental negatives for wind power?

Mt Horace Greeley

Would people be willing to live in a more simple, low carbon impact way if they understood earth systems?

What is the critical evidence for man induced global warming?

What is the best way to discuss such issues in an educational context? How do we avoid politics (or should we?)

Mark's House