

11.373 Science, Politics, & Environmental Policy
**Day 13: UNCERTAINTY, ADAPTIVE MANAGEMENT, AND
THE PRECAUTIONARY PRINCIPLE**

Both adaptive management and the precautionary principle are ways of dealing with the uncertainty that is inherent in regulatory/environmental science.

I. Adaptive Management

What is adaptive management?

What are the steps involved in doing adaptive management?

How is local knowledge related to adaptive management, at least according to Berkes?

What are some of the potential (political) barriers to adaptive management?

II. The Precautionary Principle

What, exactly, is the precautionary principle?

Why is the application of precaution so rare?

What is the relationship between precaution and adaptive management, if there is one?