

## A "Kuhnian Read" of the *Physics Today* article on "The Discovery of Rapid Climate Change"

Preparadigm → Competing schools of thought & random "fact gathering"	Paradigm guides → Normal science processes	Anomalies → emerge	Crisis → Confusion Discontent	Extraordinary science → New paradigm emerges & is eventually "accepted"
---	--	-----------------------	-------------------------------------	---

1. What is the *specific evidence* you can find in the article (ideas, quotes, events, etc.) that support Kuhn's framework, and all of its stages, for thinking about scientific revolutions?

Group 1: Start with preparadigm period and work into first few anomalies

Group 2: Start with first few anomalies and work into the new paradigm

2. Find *specific evidence* for the relative roles of logic, belief, and faith in this paradigm shift story. Which of these seems most prominent in this story? Would Kuhn agree that the story is an accurate representation of history or not, and why?

Groups 3 and 4: Both tackle this question.

Report out your work on the board and to class after you are done discussing with your small group.