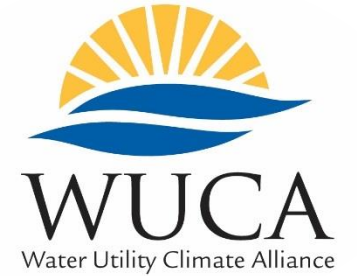


**Building Resilience to a Changing Climate:
A Technical Training in Water Sector
Utility Decision Support**



Translating Actionable Information: Know before you go ...

Laurna Kaatz, Denver Water

Climate Adaptation Conundrum

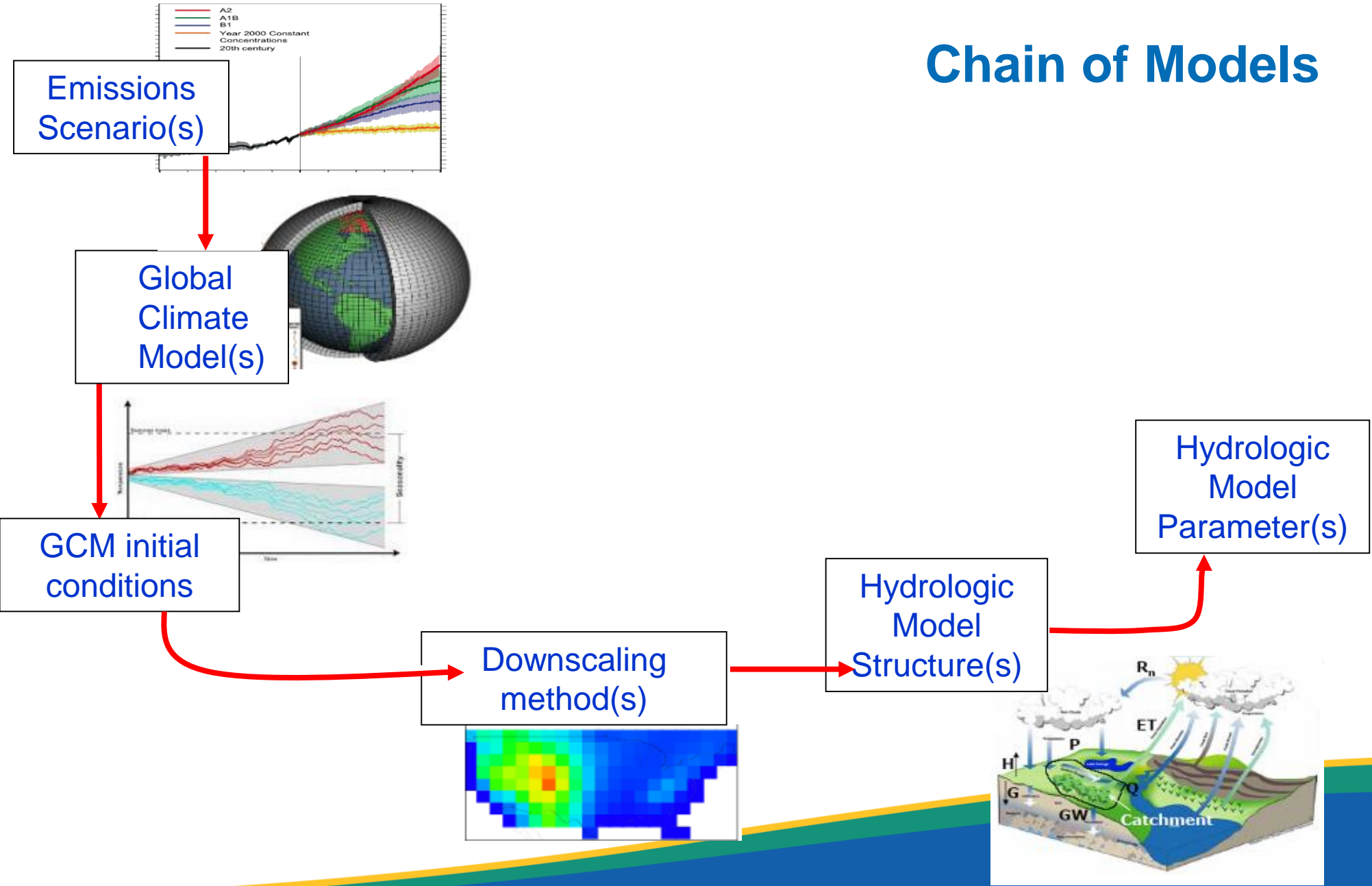
- Can't be prepared for everything
- Can't afford to be prepared for the worst case
- Can't afford to be unprepared

How do you approach this challenge?

Four Adaptation Steps

- **Understand:** Climate science and model projection capabilities and limitations
- **Assess:** Water system vulnerability to potential change
- **Plan:** Incorporate climate uncertainty into water utility planning
- **Implement:** Adaptation strategies

Chain of Models



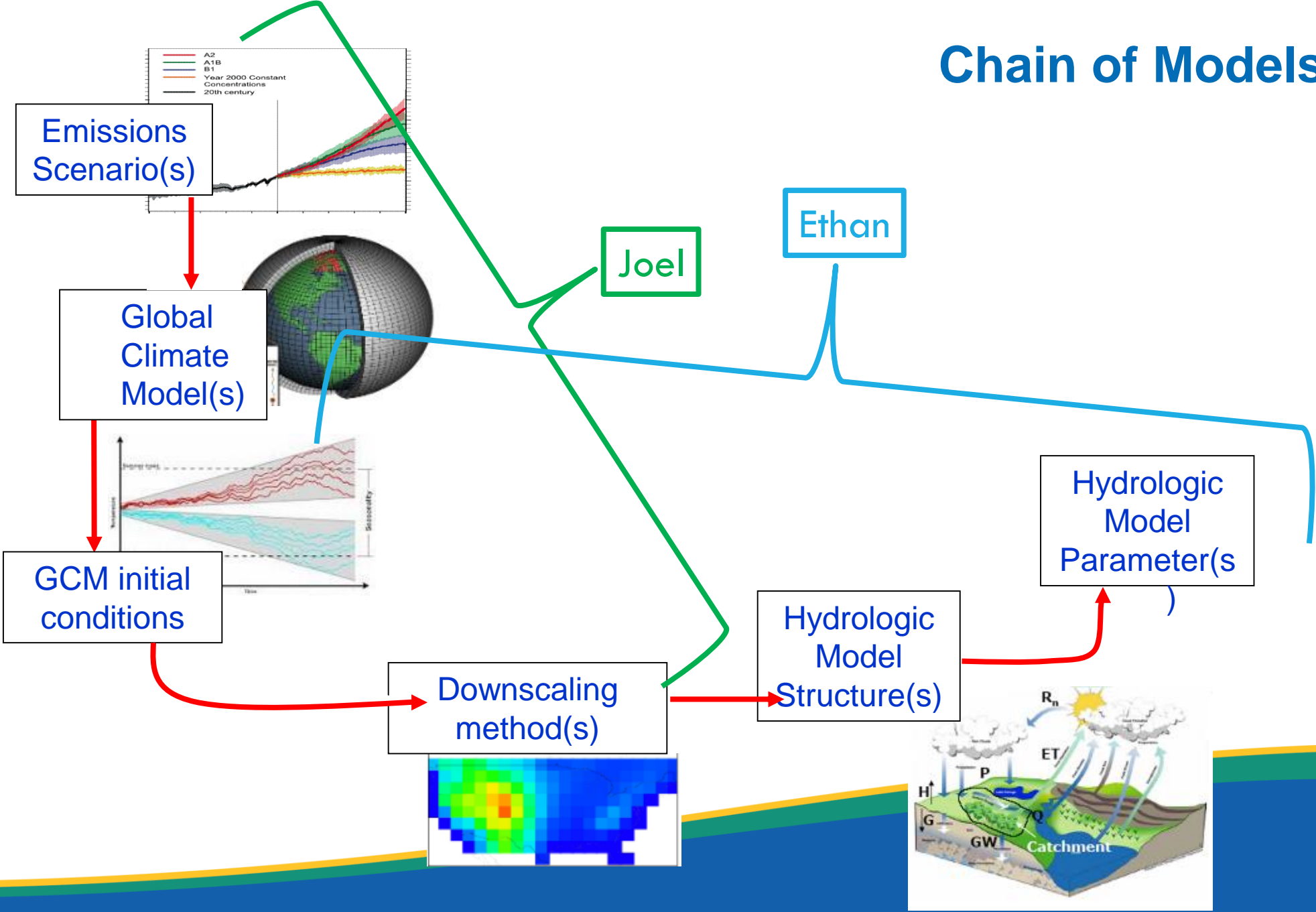
Before you Jump in – Clearly Articulate...

- What is your end game? What question(s) do you want to answer?
- How will you get there?
 - Method
 - Data – type and scale
 - Tools
 - Current models
 - New models

Goal is to Avoid Analysis Paralysis

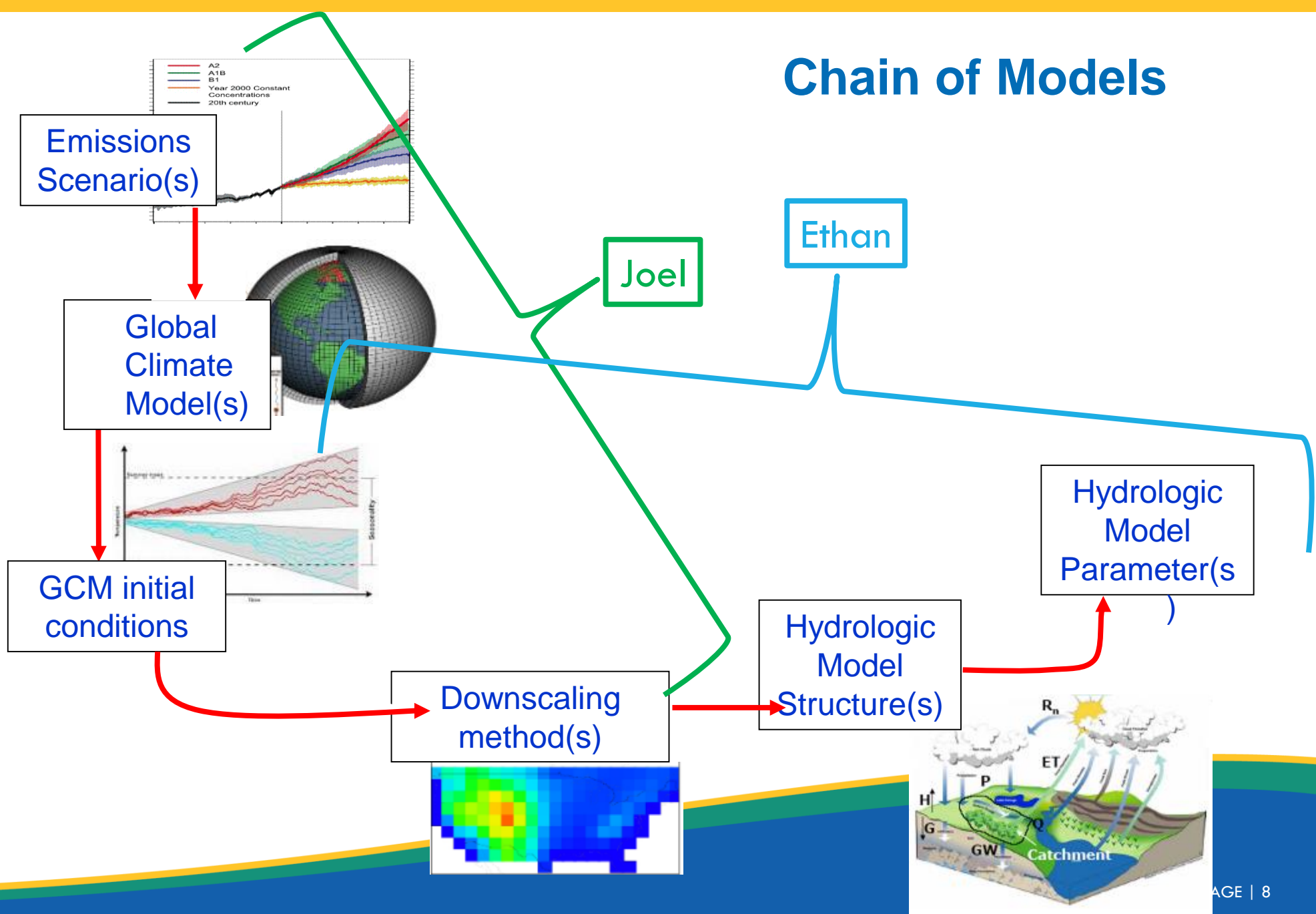


Chain of Models



Chain of Models

Four Steps:
Understand
Assess
Plan
Implement



Questions?