

Decision-Making Under Uncertainty

- Mitigation efforts reduce emissions or enhance capture
 - Energy efficiency and conservation
 - Shift from coal to hydropower and wind
 - Carbon capture and storage
 - Increase in forest cover
- Mitigation facilitated through Carbon Finance incentives, international agreements, economic instruments and regulation
- Adaptation programs are still needed to cope with residual impacts

Adaptation: Simple or Complex?

- Expand planting of drought-tolerant crops
- Introduce more efficient irrigation technologies
- Enlarge storage reservoirs at hydropower plants
- Strengthen flood control dykes; shift to non-structural control
- Expand health surveillance

Adaptation: Simple or Complex?

- Stop developing hydropower in watersheds expected to be affected by reduced precipitation
- Resettle population and agriculture from drought stricken areas
- Expand programs for biodiversity protection beyond fixed national park boundaries

Debate Teams

1. **SCIENCE SKEPTICS** – Science is uncertain; lets invest in science before we invest in adaptation; lets wait and see
2. **DEVELOPMENT SKEPTICS** – We need to get richer first; then we can deal with climate change and its impacts
3. **MODERATES** – Lets focus on “no regrets option” and see what we can do now.
4. **VERY PROACTIVE** – This is the most important priority for the globe; we must act quickly even if we make mistakes

Debate Teams

- § Discuss the issue?
- § Present a persuasive argument for your group on the assignment?
- § Which position would you have preferred to argue?