

Solutions to the Biodiversity Crisis

I. Finding Solutions: Ultimate goal:

A. Sustainability

B. Obstacle – people differ world-wide on
vs. the

C. Trade-offs must be negotiated = when balancing the
risks and benefits of a solution (giving up one thing in favor of another)

Example Problem:

Scientists want to protect a forest to prevent extinction of a species vs. timber company that wants to harvest trees for profit

Trade Off: Local Government: Persuaded timber company to plant a tree farm in an area already been cleared

II. Solutions:

A. Local and Global Government Laws

- a. to prevent species
extinction & pollution
- b. & assistance for energy
efficiency & use of renewable energy
- c. greenhouse gas emissions

B. Use

C. Sustain Terrestrial and Aquatic Biodiversity

- a. Create
- b. as they are cut down or lost
- c. Limit
- d. Monitor coasts and marine fisheries
- e. Make better choices when
- f. Preserve & restore (swamps, bogs, estuaries)
and (land surrounded by rivers, lakes, and
streams)