AI-Driven Climate Restoration System (ADCRS)

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Problem: Rising CO2 levels and climate instability threaten ecosystems and human livelihoods.

Solution: An AI-powered climate restoration system integrates satellite imagery, climate sensors, and predictive
models to optimize carbon capture and climate interventions.

AI Workflow:

- Data Inputs: Satellite imagery, sensor readings (temperature, CO2 levels, soil conditions)
- Model: Predictive regression and reinforcement learning to optimize interventions
- Output: Automated carbon capture system, environmental impact reports

Risks: Potential misuse of geoengineering technologies, societal distrust.

Benefits: Accelerated climate stabilization, improved disaster response, environmental sustainability.