



Sustainability
Seeing the Future in the
Clouds



Life after the STC



SUSTAINABILITY

- REACH
 - ▶ Non-profit corporation
 - ▶ Various revenue sources
- Climate Simulation Institute
 - ▶ Federal funding
 - ▶ Institutional funding from CSU
 - ▶ Private funding facilitated by CSU

SUSTAINABILITY

CMMAP is a Center because it brings together scientists from a broad range of disciplines to work towards the climate models of tomorrow -- a common goal whose value and importance we collectively acknowledge and appreciate.

CMMAP's graduate students are gaining a broad and deep understanding of what it means to be scientists and educators.

CMMAP is a unique CSU research/education Center that must live on past the end of STC funding.

Elevator Speech



00 : 30

- **Clouds and rain are more important** to climate than temperature, but much **harder to predict!**
- That's because they happen at scales that are **WAY too small to see in climate models**
- CMMAP has invented a ***new kind of climate model*** that makes realistic predictions of clouds and rain
- It works **like public opinion polling**
- It's helping *everybody* to better **understand how climate works and how it will change**
- ***All kinds of weather and climate models will be improved*** by what we've learned

CLIMATE SIMULATION INSTITUTE

A research facility to be created and managed by CMMAP

- ***Purpose-built* hardware/software system for computation, data archival, and a super-fast network connection**
- **Grant support for 15-20 graduate students**
- **Two international workshops per year**
- **Visiting scientists**
- **Research and administrative staff**

