

CLIMATE CHANGE 2014: IMPACTS, ADAPTATION, AND VULNERABILITY

IPCC WGII Katie Mach, Co-Director, Science



INTERGOVERNMENTAL PANEL ON CLIMATE CHARGE

OBSERVED IMPACTS OF CLIMATE CHANGE **ARE WIDESPREAD** AND CONSEQUENTIAL







CROP TYPE

INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE

VULNERABLE AND EXPOSED IN DIFFERENT WAYS

PEOPLE, SOCIETIES, AND ECOSYSTEMS AROUND THE WORLD

PEOPLE, SOCIETIES, AND ECOSYSTEMS AROUND THE WORLD VULNERABLE AND EXPOSED

IN DIFFERENT WAYS

INTERGOVERNMENTAL PANEL ON CLIMƏTE CHƏNÇE

ADAPTATION IS ALREADY OCCURING

NTERGOVERNMENTAL PANEL ON CLIMATE CHANGE

ADAPTATION IS ALREADY OCCURING

INTERGOVERNMENTAL PANEL ON Climate change

Adaptation is already occurring

- Disaster Risk Management
- Basic Public Health
- Livelihood Diversification

INCREASING MAGNITUDES OF WARMING INCREASE THE LIKELIHOOD OF

SEVERE AND PERVASIVE IMPACTS

Warming over the 21st century



-0.5

Assessing risk



Africa





Reduced Crop Productivity and Livelihood and Food Security



FOOD

Vector- and Water-**Borne Diseases**

		-	
	 	-	
		-	
		-	
		-	
 		-	
	 	-	

HEALTH



EFFECTIVE CLIMATE CHANGE ADAPTATION A MORE VIBRANT WORLD



REDUCING AND MANAGING RISKS

CLIMATE CHANGE

INTERGOVERNMENTAL PANEL ON CLIMATE CHARGE