

# Projected Impacts of Climate Change

Global temperature change (relative to pre-industrial)

0°C

1°C

2°C

3°C

4°C

5°C

## Food

*Falling crop yields in many areas, particularly developing regions*

*Possible rising yields in some high latitude regions*

*Falling yields in many developed regions*

## Water

*Small mountain glaciers disappear – water supplies threatened in several areas*

*Significant decreases in water availability in many areas, including Mediterranean and Southern Africa*

*Sea level rise threatens major cities*

## Ecosystems

*Extensive Damage to Coral Reefs*

*Rising number of species face extinction*

## Extreme Weather Events

*Rising intensity of storms, forest fires, droughts, flooding and heat waves*

## Risk of Abrupt and Major Irreversible Changes

*Increasing risk of dangerous feedbacks and abrupt, large-scale shifts in the climate system*