

**This is a word-version of the original powerpoint-presentation, without pictures**

# Impacts of climate change in East and Southern Africa and how to adapt

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With slides borrowed from Maarten van Aalst (Red Cross Climate Centre)

## Programme

- Intro: Impacts of climate change in East and Southern Africa
- Exchange experiences climate change/ climate adaptation
- Next steps?

## Next two decades:

warming of about 0.2°C per decade (regardless of emissions).

## More extremes and surprises

- More heavy rainfall
- More droughts
- More high sea levels

## Selected impacts on Africa (1):

### **water**

- By 2020, 75-250 million people will face increased water stress
- This will adversely affect livelihoods and exacerbate water-related problems

## Selected impacts on Africa (2):

### **agriculture**

- The area suitable for agriculture, length of growing season, and yield potential is expected to decrease, particularly in semi-arid and arid areas.
- Livestock production is lost

## Selected impacts on Africa (3):

### **fisheries**

- Decreasing fisheries in large lakes due to rising water temperatures will negatively affect local food supply

## Selected impacts on Africa (4): **health**

- Vector borne diseases will shift.
- Increases in malaria are expected in Southern Africa and the East African highlands.
- Flood- and drought-related illnesses will increase

## Your experiences

- What are your experiences with climate change in East and Southern Africa?
- What are you and your partners doing to adapt to climate change?
- Do you have best practices?