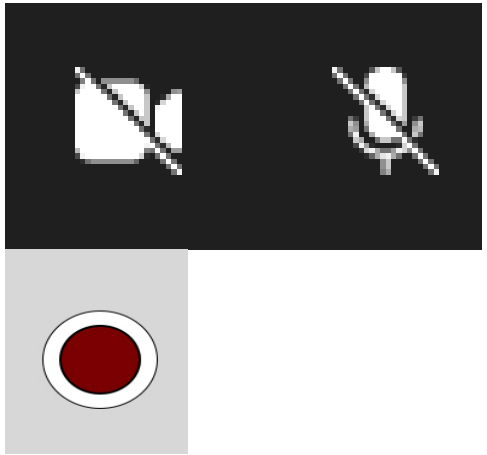
First Heatwaves Regional Meeting

Welcome!

We will start shortly

The Webinar will be recorded and shared afterwards in Teams

House Rules



Please ensure that your microphone is on mute when listening

Unless video is a necessity, turning it off might help increase the clarity of the call

The moderator is the person in charge of allowing participants to intervene during the session. Please follow his/her instructions

The Webinar is recorded and shared afterwards in Teams

Asking Your Questions:

During the presentations, you can write your questions in the chat box

Mentimeter

During the presentations, you will be able to write your questions through menti.com

During the Q&A sessions, you can also raise your hand to ask questions

What is a heatwave?

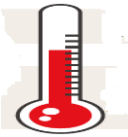
At least **two consecutive** days with maximum daily temperature over **40°C**

New Delhi, India

At least **three consecutive** days with maximum daily temperature over **30°C**

Cape Town, South Africa

At least **five consecutive days** with maximum daily temperature over 25°C



De Bilt, Netherlands

➡ There is no single, universal definition for a heatwave

➡ Heatwave – a period when temperatures, or temperature in combination with other factors, are **unusually high** and **hazardous** to human health and well-being. Heatwaves typically have a noticeable **start and end**, last for a period of days and **have an impact on human activities and health**.

What is a heatwave?

- ✓ Acute event (heat wave) Vs Chronic exposure (seasonal or year-round heat)
- ✓ The definition of **heatwave** is fundamentally linked to **impacts**
- ✓ **Impacts are a composite effect of a number of factors** beyond just temperature.

High humidity = multiplier of the effect

- Work intensity and location
- Pre-existing conditions
- Physical surroundings

Europe’s Heat Wave, Fueled by Climate Change, Moves to Greenland

Australia's extreme heat is sign of things to come, scientists warn

Hottest month ever shows temperatures rising faster than predicted, say climate experts

Climate change made European heatwave at least five times likelier

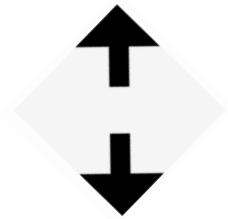
Searing heat shows crisis is ‘here and now’, say scientists, and worse than predicted

Heatwave and Climate Change

As a result of climate change

Heat waves and chronic heat exposures are increasing **in frequency, duration and intensity**

In South Asia - **x 5 fold** over the next decades and expose greater numbers of people to **the survival**

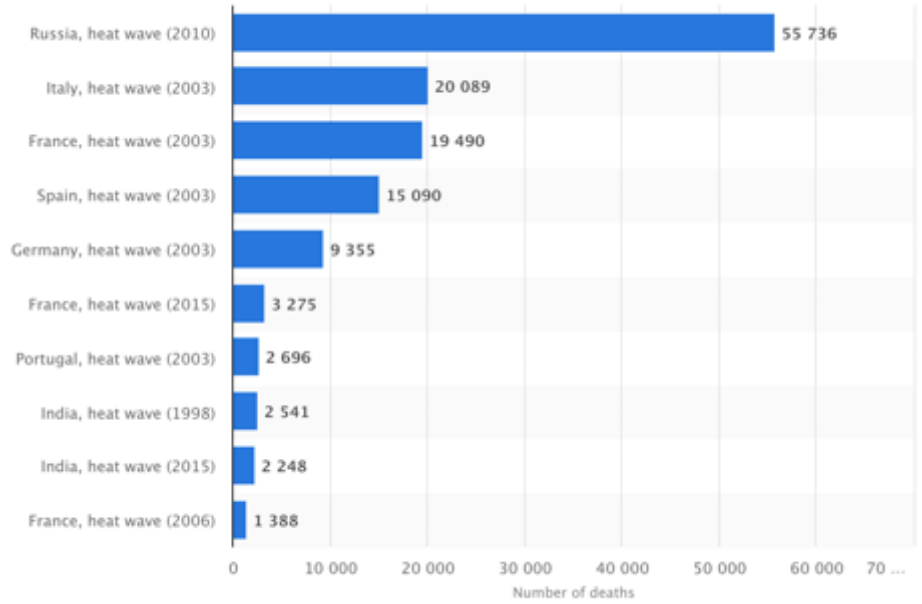


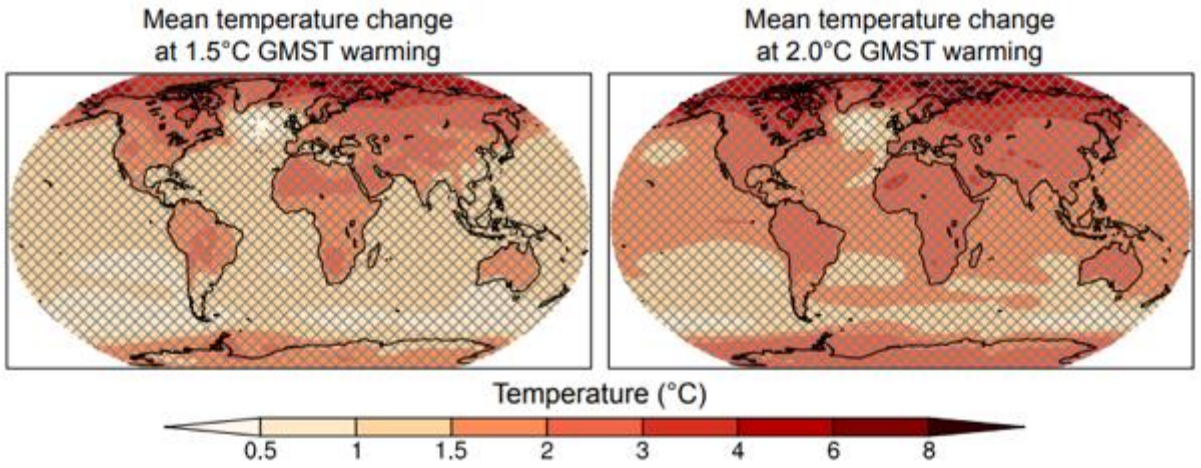
The global tropics are expanding both north and south:

- Transformation sub-tropical regions
- Exposure of populations to conditions for which they are not adapted
- Increased likelihood of negative health, wellbeing and productivity impacts
- In Japan and Korea, a deadly heatwave in 2018 took almost 1,000 lives

3 Critical Things to Know about Extreme Heat

1. Extreme heat kills.
2. It is one of the most obvious and confident projections we have of the future.
3. The solutions are simple.





AGENDA – DAY1

TIME	SESSION
13:00 – 13:25	**Introduction and welcoming remarks**
13:25– 14:20	**Heat & Health**
	Who is the most vulnerable? & Heat stress and heatstroke Symptoms
	First Aid for Hyperthermia
	COVID-19 as amplifier
	Q & A Session & Coffee Break
14:20 – 14:40	**Heat & Livelihood**
	Q & A Session
14:40– 15:05	**Heat in Urban Context**
	Q & A Session & Coffee Break
15:05– 15:25	**Early Warning System for Heatwaves**
	Q & A Session
15:25– 15:45	**Heatwave Guide for RCRC Branches & Heat Actions Project in Cities**
	Q & A Session
15:45 – 15:55	**Wrap Up & Closing**

AGENDA – DAY2

TIME	SESSION
13:00 – 13:10	**Recap from Day 1**
13:10 – 13:20	**IFRC Regional Priorities**
13:20– 14:50	**National Societies Experiences**
	First Bach: TeliCross REDi service (Australian RC), Flashmob for Heatwaves (Indian RC), Enhancing community Resilience to Heatwaves (Hong Kong RC Branch)
	Q & A Session & Coffee Break
	Second batch: Opening cooling centres based on forecast (Vietnam RC), Heatstroke Prevention (Japan RC), EWS & Awareness in Pakistan (Start Network)
	Q & A Session & Coffee Break
14:50– 15:50	**HEAT & COLLABORATION – Which role for the RCRC Movement?**
	Long-term approach & Policy Recommendations: Nature-Based solutions (IFRC Geneva) & Recommendations for social policy, adaptation, mitigation and resilience building to achieve 2030 Agenda for Sustainable Development (UNDRR)
	Q & A Session
	Research & Global Network: LM-Munich University, NU of Singapore and Beijing Normal University & Global Heat Health Information Network
	Q & A Session
15:50– 16:00	**Wrap Up & Closing**