

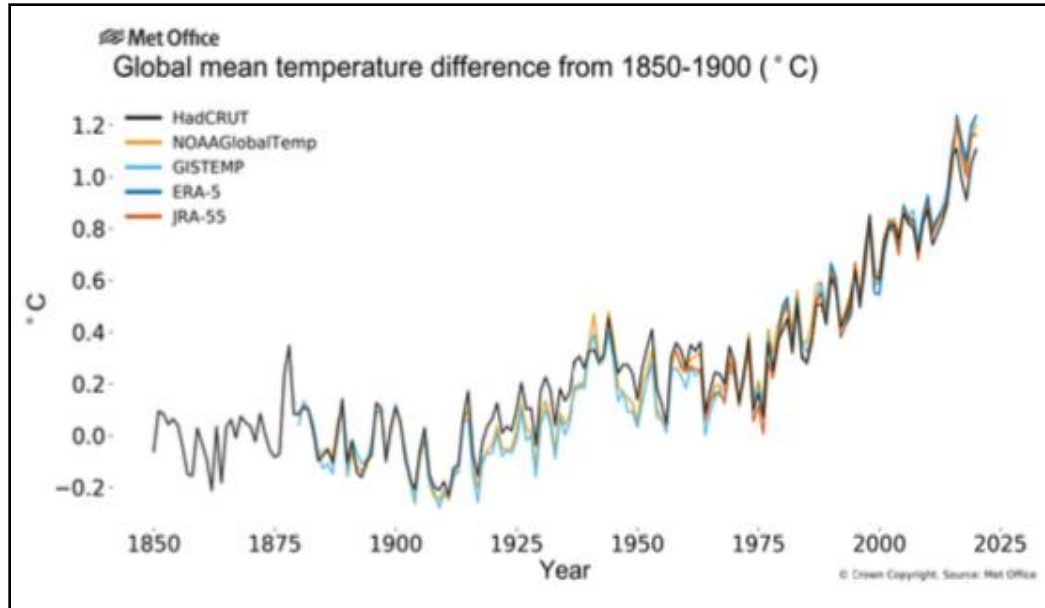


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CLIMATE CHANGE

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GLOBAL CLIMATE STATUS – WMO 2020 REPORT



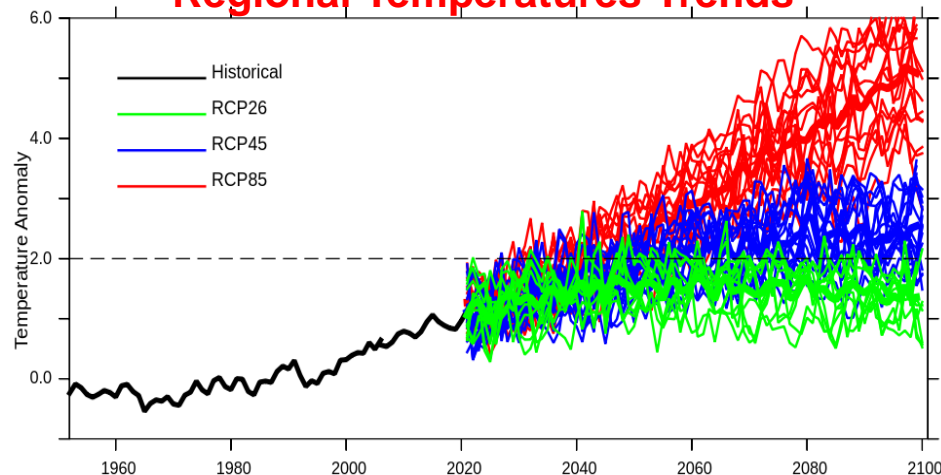
- The report of the Global Climate Status 2020 highlighted rapid changes in climate change indicators and worsening impacts.
- These rapid changes are driven by anthropogenic activities (human activities, human decisions).
- The global mean temperature for 2020 was 1.2 ± 0.1 °C above the 1850–1900 baseline

Global mean temperatures difference from 1850-2020 (°C)

IPCC Special Report on 1.5°C GW stated that limiting warming to 1.5°C above pre-industrial levels implies reaching net zero CO₂ emissions and non-CO₂ forcers globally around 2050 and increased political commitments – Reaching 3°C will be catastrophic

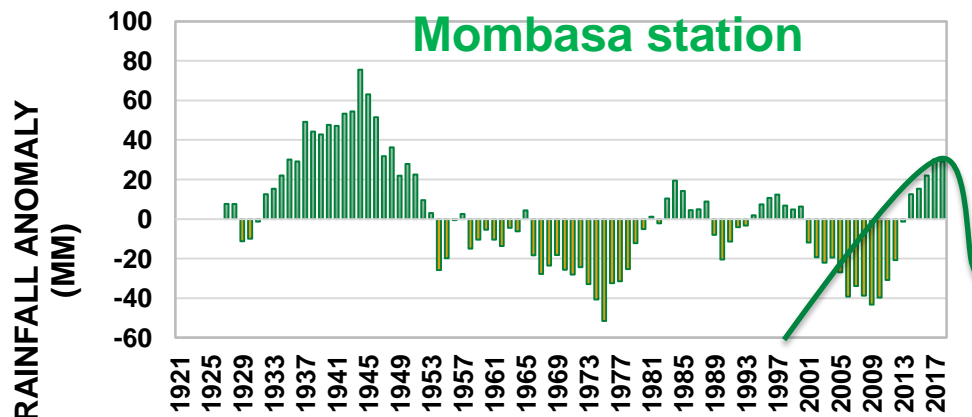
REGIONAL CLIMATE CHANGE SIGNALS

Regional Temperatures Trends



- Expected wetter/more intense rainfall
- Higher temperatures
- More extremes
- Predictability of timing of rainy seasons

Decadal predictions shows continued increasing rainfall over most stations



WHAT HAVE WE LEARNT?

- Temperature trend is expected to continue rising and rainfall extremes are expected to increase if we don't cut GHGs emission.
- Climate change is already having repetitive cycles of severe impacts across member countries and communities in the region.
- Vulnerable people devastated by CC impacts are forced to migrate for survival
- Resources to address climate change in member countries have been constrained by the COVID-19 pandemic and other economic pressures
- Inadequate efforts towards upscaling good practices and success stories across member states hinder progress on adaptation and mitigation goals
- National climate change policies and strategies require regional frameworks and coordination mechanisms

RESEARCH TO PRACTICE: POLICY RECOMMENDATIONS AND ACTIONS

- Data collection and analysis: Observations, forecasts, projections, downscaling
- Research and information has to target member countries' formulated climate actions through NAP / NDCs and other relevant policies and strategies
- Continue engagement across sectors – climate stakeholder mapping has been started by ICPAC through RICCAMA project
- Quantify and demonstrate the benefit for taking actions
- Scale up required human and technical capacity to mobilize resources and implement NDCs has to be provided to Member States

Take action NOW – Tomorrow might be too late!

THANK YOU!

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