

State of the Climate

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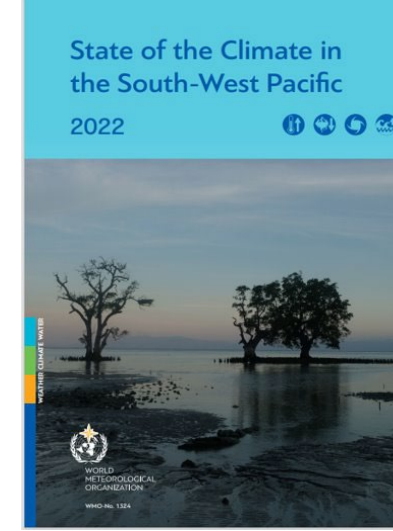
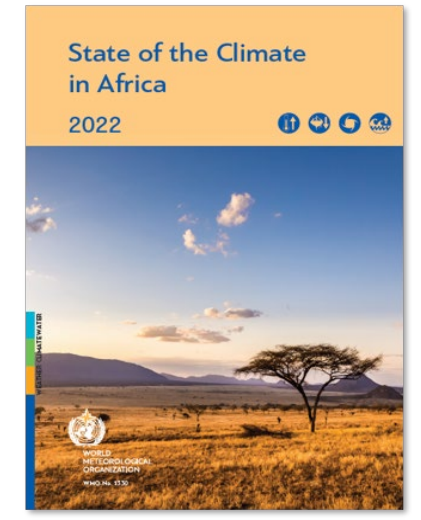
WMO State of the Climate

Global scale

State of the Global Climate is a WMO flagship initiative since 1993,
Launched at UNFCCC COPs and published in final brochure around March

Regional Scale

Operational production of regional state of the climate started in 2019



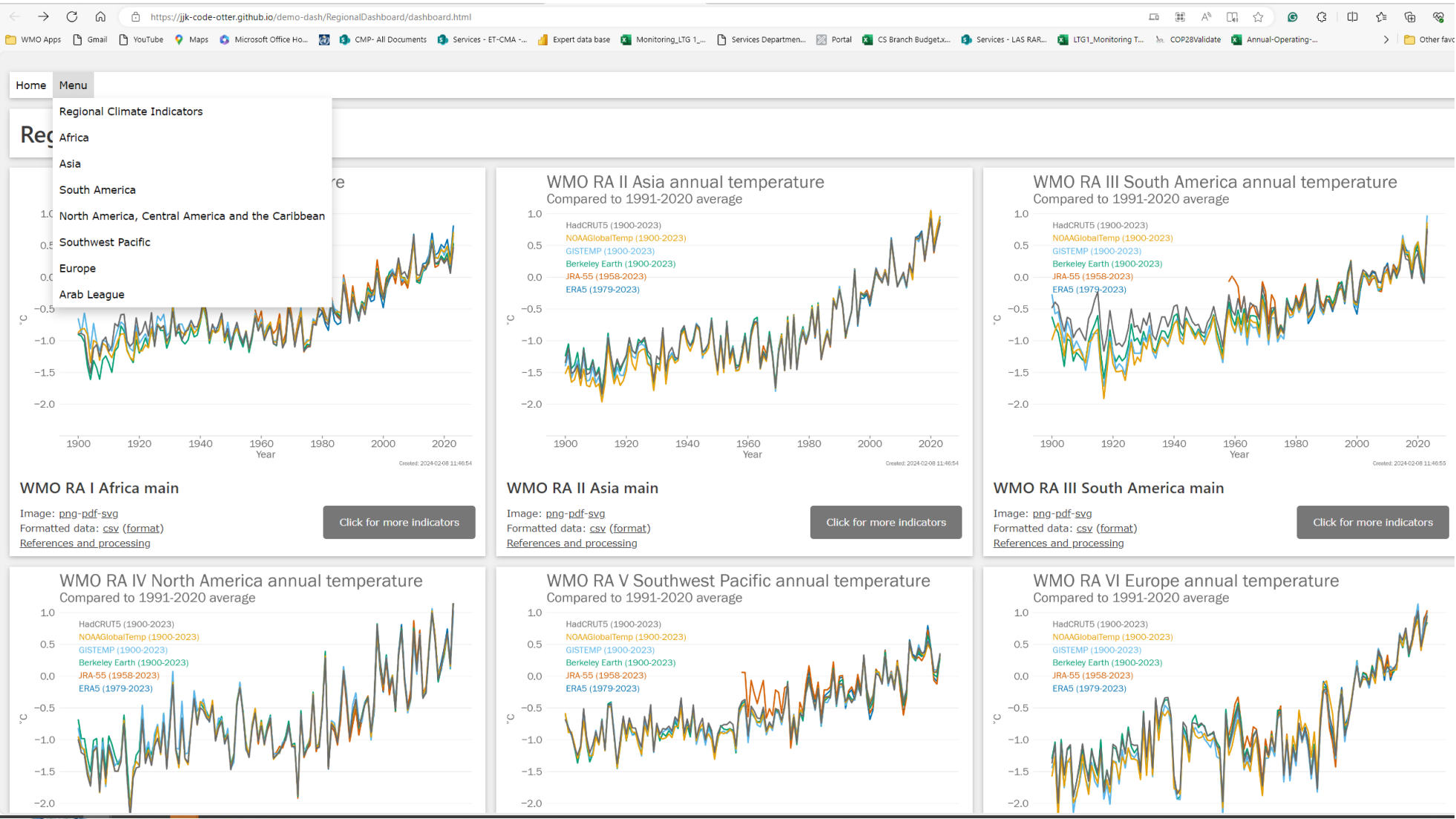
Concept

- The State of Climate Report is an annual-regularly published report on climate variability and change in the region.
- Highlight important trends, changes and projections in the region's climate, including temperature fluctuations, precipitation patterns, sea level rise, and others
- Summarize Extreme weather and Climate Events and the associated loss and damage in the region,
- Address observed impacts in recent years on sensitive socio-economic sectors, including Agriculture and Food security, Water Resources, Health, Energy, Population displacement and Migration, etc.
- Provide options to help governments, organizations, and communities on adaptation strategies,

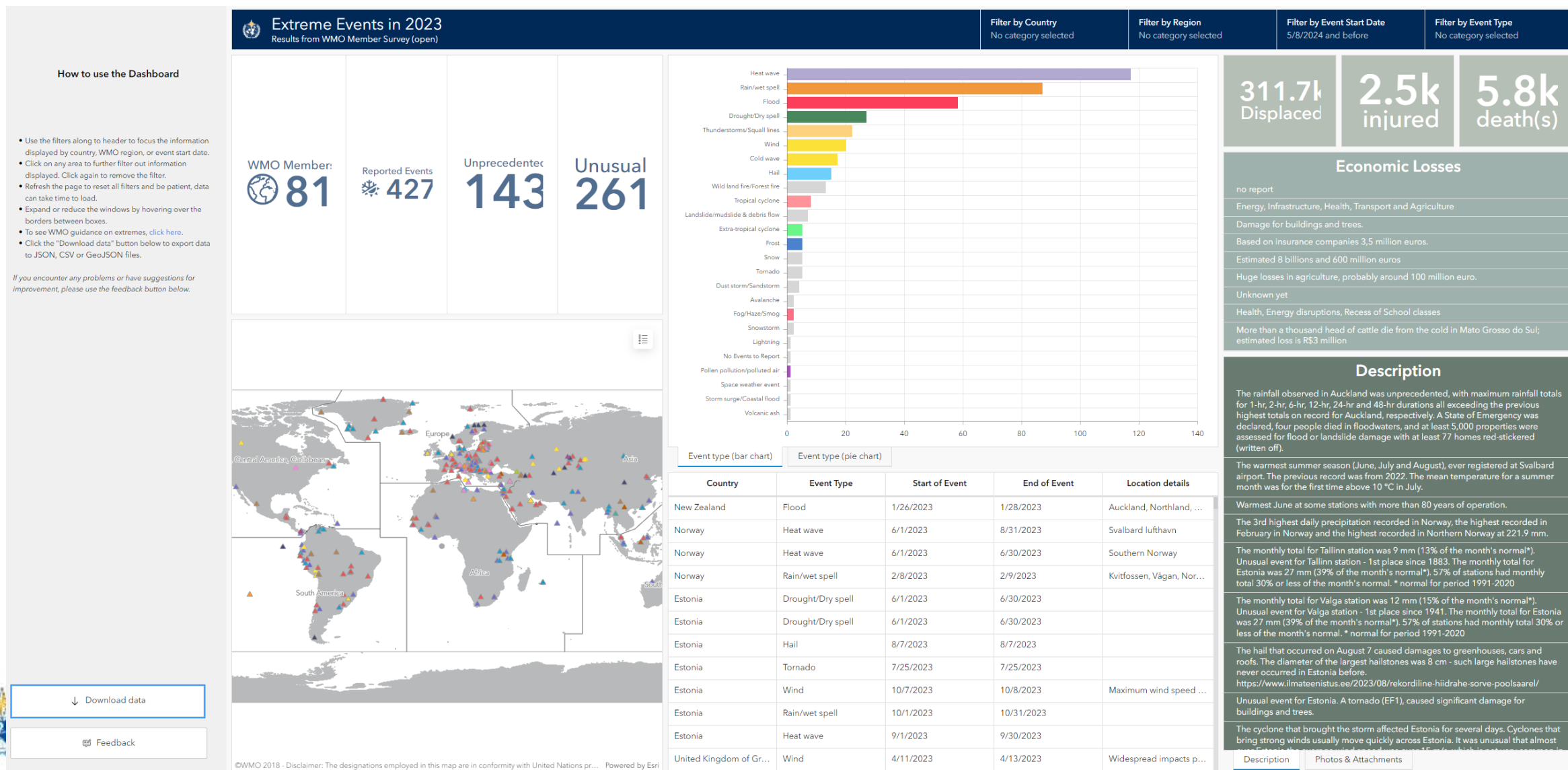
Data Aspects

- Members' data and information, international data and peer-reviewed publications,
- Rely on other information and knowledge sources (IPCC, ESCWA, Other UN agencies) for addressing vulnerability, impacts and risks associated with weather, water and climate
- Makes use of Recommended Practices on methodologies and tools for the analysis of data and its synthesis and visualization,

Climate Data Dashboard



WMO support for Regional State of the Climate, [WMO Extreme Events Dashboard](#)



Structure of the Regional State of the Climate reports



Introduction

Overview of the region

Purpose of the report



Headline climate indicators

Temperature variations

Precipitation patterns

Sea level, Sea Surface Temperature



High Impact Events

Heat waves, wildfires

Drought

Floods, land slides

Storms: Winds, TCs,

Sandstorms



Socio-Economic Impacts

Agriculture

Water resources

Health

Infrastructure

Populations

Economic risks



Policy

Options and pathways for climate action

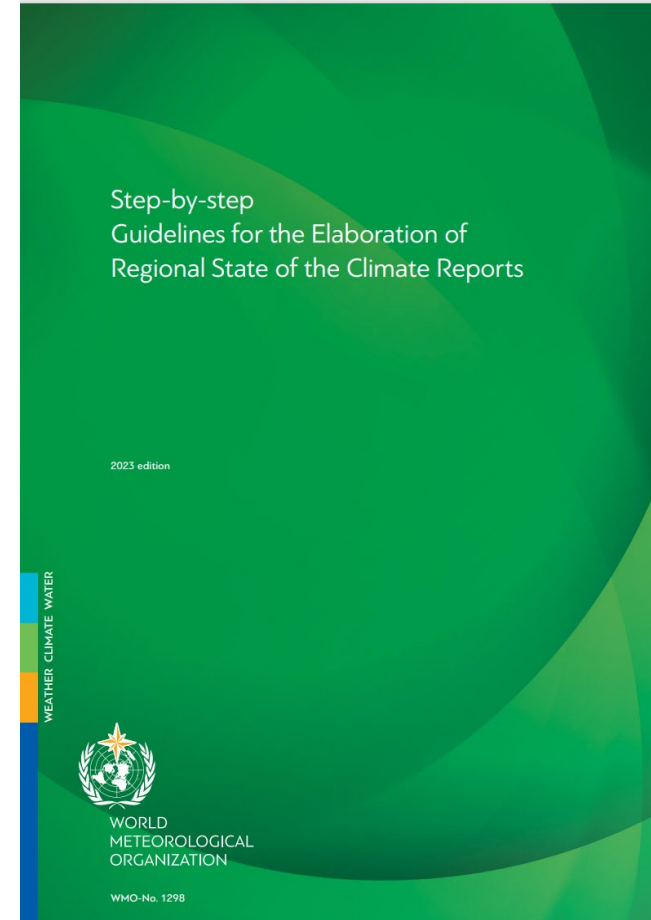


Reference, list of contributors

WMO Guidelines

The step-by-step guidelines for the elaboration of Regional State of Climate Reports (R-SoCs) provide guidance on the preparation of these reports:

- **Data aspects,**
- **Information on Impacts, risks and climate policy,**
- **The roles of the authors and WMO Secretariat,**
- **The review process**
- **The writing style.**



Links to WMO reports

- [WMO GHG Bulletin](#)
- [STATE OF THE GLOBAL CLIMATE,](#)
- [STATE OF WATER RESOURCES](#)
- [Annual global summary on Significant Weather and Climate Events](#)
- [STATE OF REGIONAL CLIMATE: AFRICA, ASIA, EUROPE, LATIN AMERICA AND CARRIBEANS SOUTHWEST, PACIFIC](#)
- [STATE OF CLIMATE SERVICES](#)

Thank you



Conclusion

- 1) The State of the Climate for the Arab region aims to update annually the existing data and reports from IPCC and WMO
- 2) It is a tool to inform decision and policy makers of the region
- 3) It contributes to dealing collectively with climate variability and climate change in the region
- 4) The report will be owned by the Members of the Arab region,
- 5) WMO, ESCWA and Members should work together for the publication, the Launch and communication of the report at high level policy event
- 6) Structure and content might need adjustment and tailor to the needs and challenges of the Arab region.
- 7) The report and its process requires establishing a Task Team to work on the content and review
- 8) The publication and the related supporting activities require funding which needs to be clarified