

COPERNICUS EARTH OBSERVATION

DATA VISUALISATION WORKSHOP SERIES



PROGRAMME OF THE
EUROPEAN UNION



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Climate Extremes: Heatwaves, Changes in Ice, Drought, Floods

Introduction

Dr. Christine Träger-Chatterjee

EUMETSAT - an intergovernmental Organization

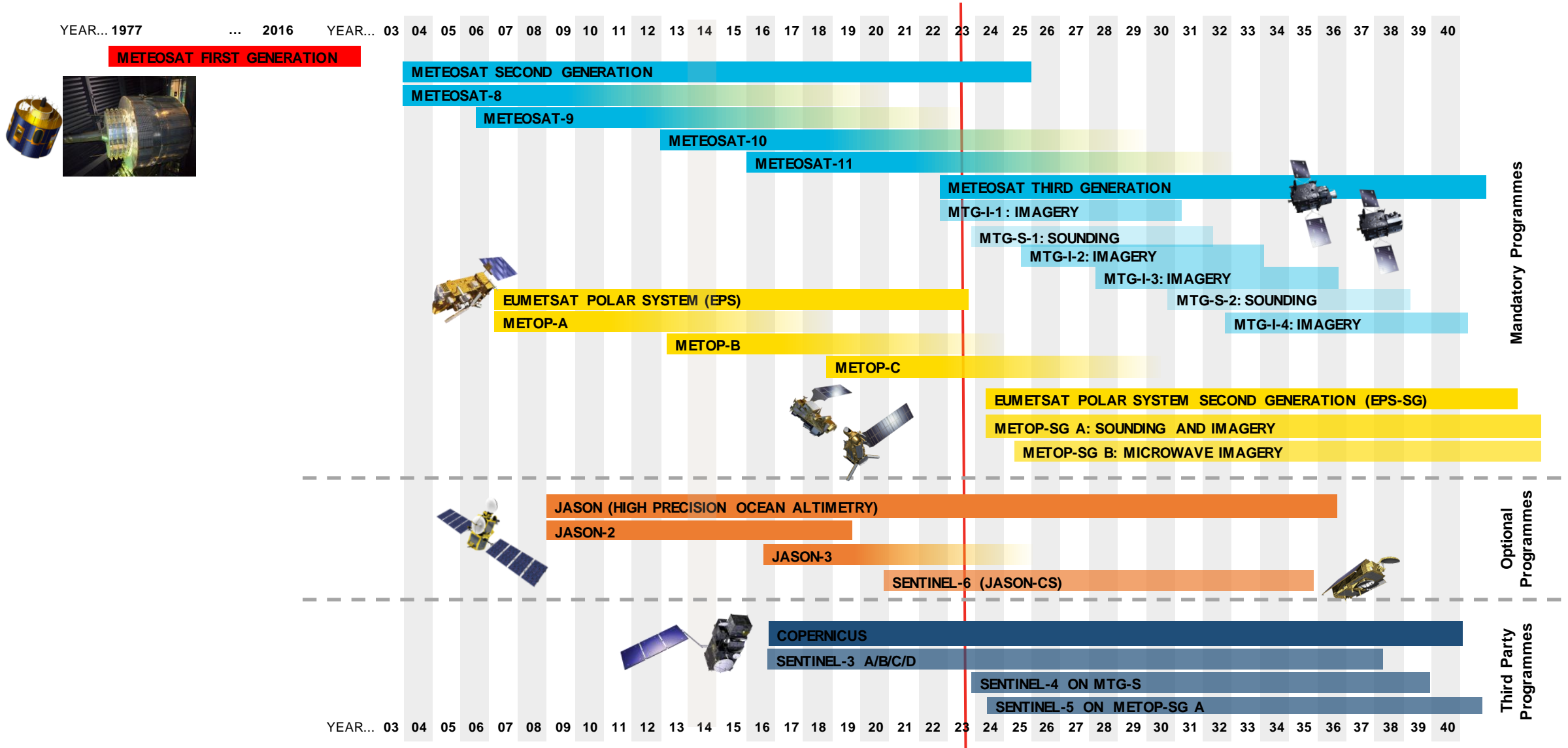


Tasks

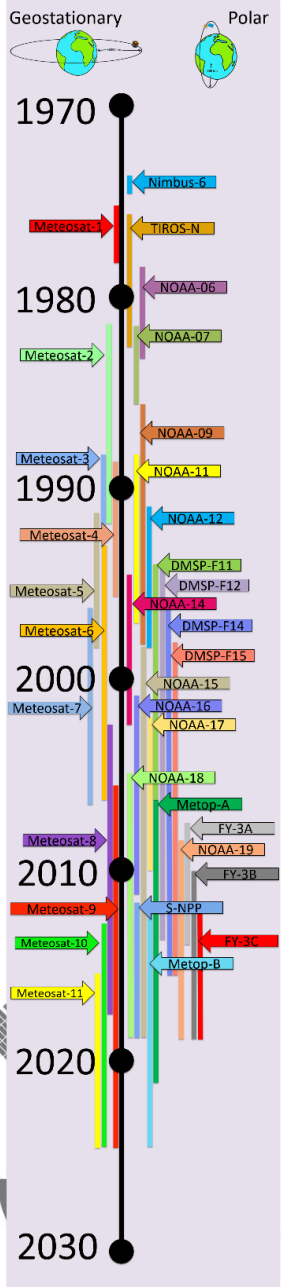
- Develop, maintain, exploit European systems of meteorological satellites, taking into account as far as possible the recommendations of WMO.
- Contribute to operational climate monitoring and the detection of global climatic changes.



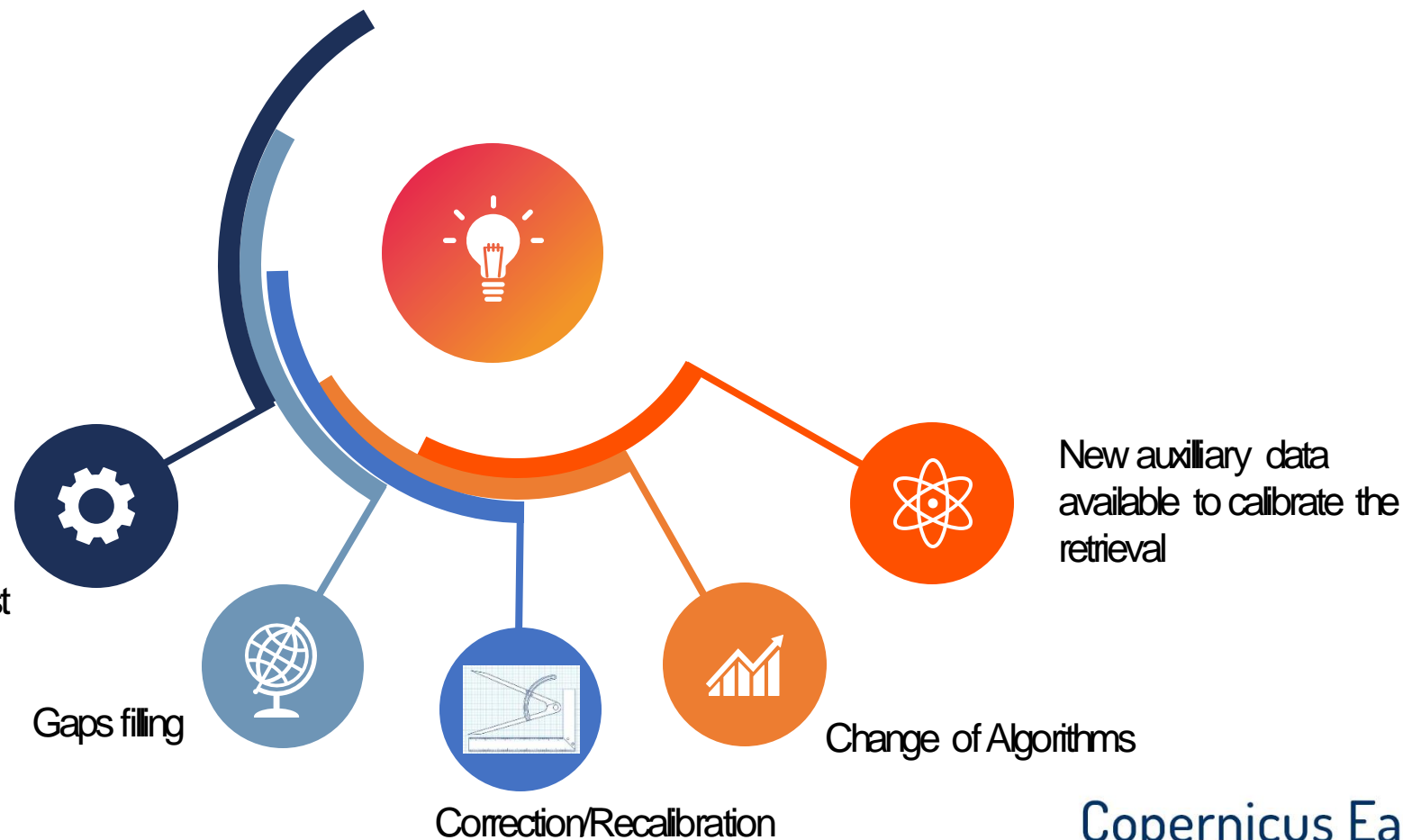
Historic, current and future satellites



Creation of Climate Data Records - Reprocessing



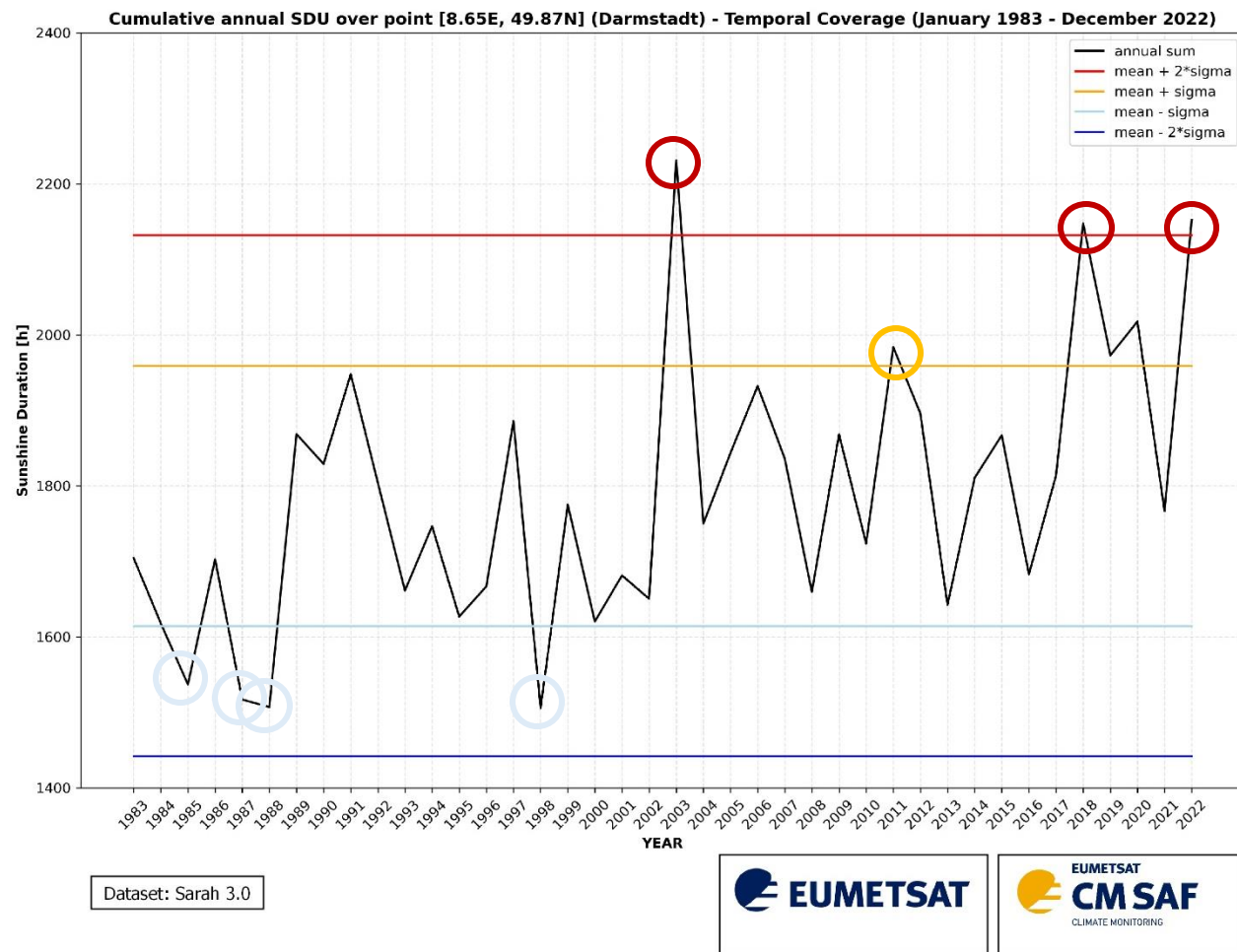
Data of earlier periods do not always exist



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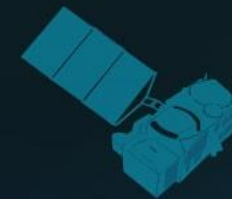
What is extreme?

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Today's Agenda



- General Introduction, Christine Traeger Chatterjee (EUMETSAT, Training Officer)
- Historical Floods in Pakistan, Peter Salamon (Joint Research Centre, Director General)
- Ocean Heatwaves, Sea Level Rise, Ben Loveday (Innoflair UG for EUMETSAT, Oceanographer & Remote Sensing Scientist)
- Drought Monitoring with Copernicus Emergency Service European Drought Observatory Data, Valentin Rakovsky (AFP, Data Journalist)
- Q&A
- Sea Ice Anomalies, Zack Labe (Princeton University & NOAA, Climate Scientist)
- Air Temperature Anomalies in Arctic Regions, Antti Lipponen (Finnish Meteorological Institute, Researcher)
- Climate Extremes in the Media, Letizia Davoli (TV2000, Journalist)
- Monitoring the Greenland Icesheet, Jason Box (Geological Survey of Denmark and Greenland, Climatologist)
- Q&A



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WEBINAR #6 (20 June 2023 - 14:00-16:00 CEST) - Being practical: How to access and process Copernicus and EUMETSAT data



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