SST CEAMed: Mediterranean Sea Surface temperature web portal

Motivation for SST web portal

- Sea surface temperature (SST) is an important factor for the genesis, intensification and development of meteorological systems across our planet
- SST-air water/heat exchanges are key drivers for **torrential rains in the Mediterranean**
- Climate change scenarios indicate a **trend towards warmer ocean**
- SST is a climate driver that **ought to be monitored**
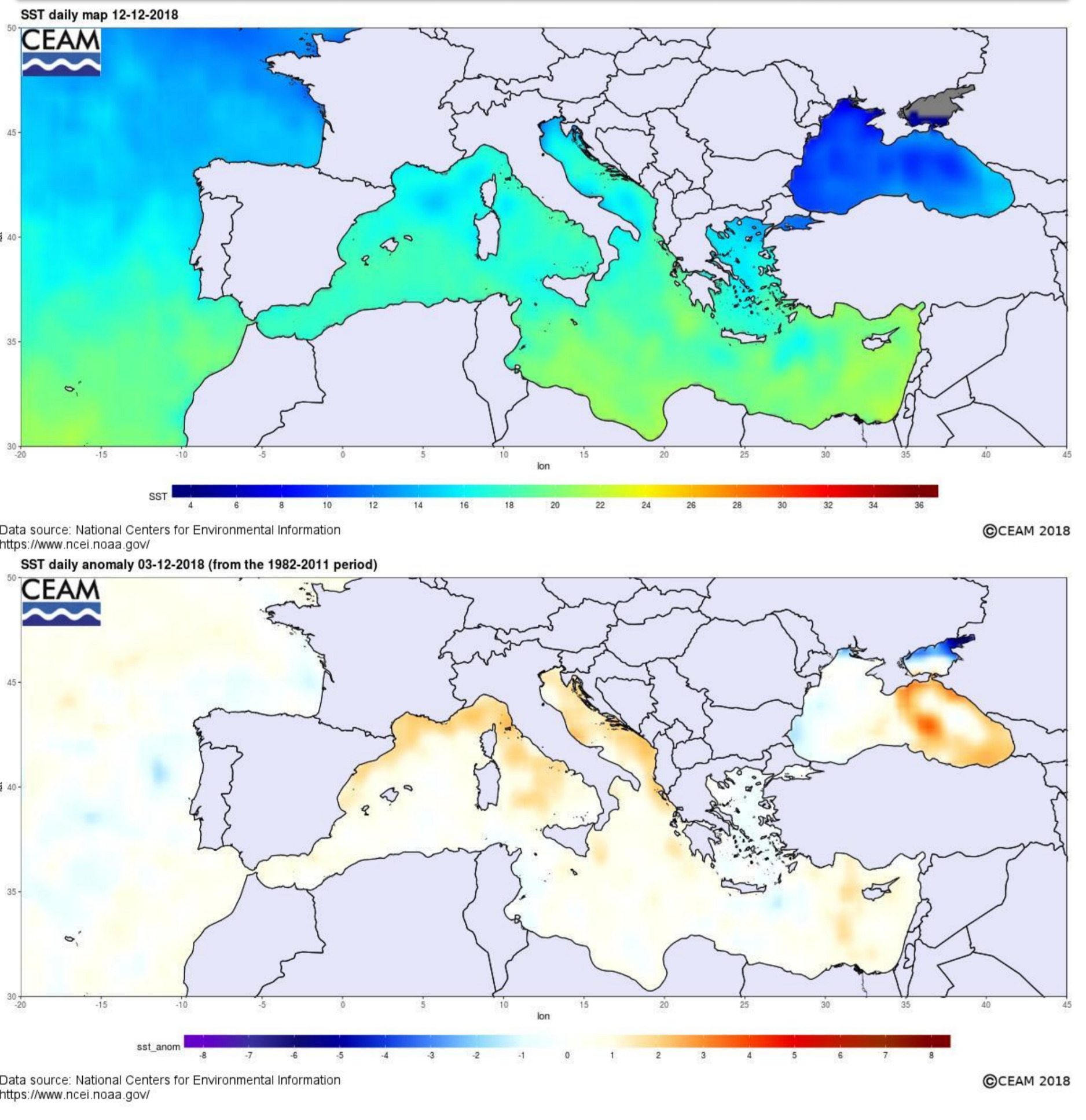

www.ceam./SST

Mobile friendly

Website roadmap

- Add maps from new data sources
- Maintain daily and monthly updates
- Add new trend related graphs
- Increment number of SST videos
- Publish regular (monthly or seasonal) Mediterranean SST reports
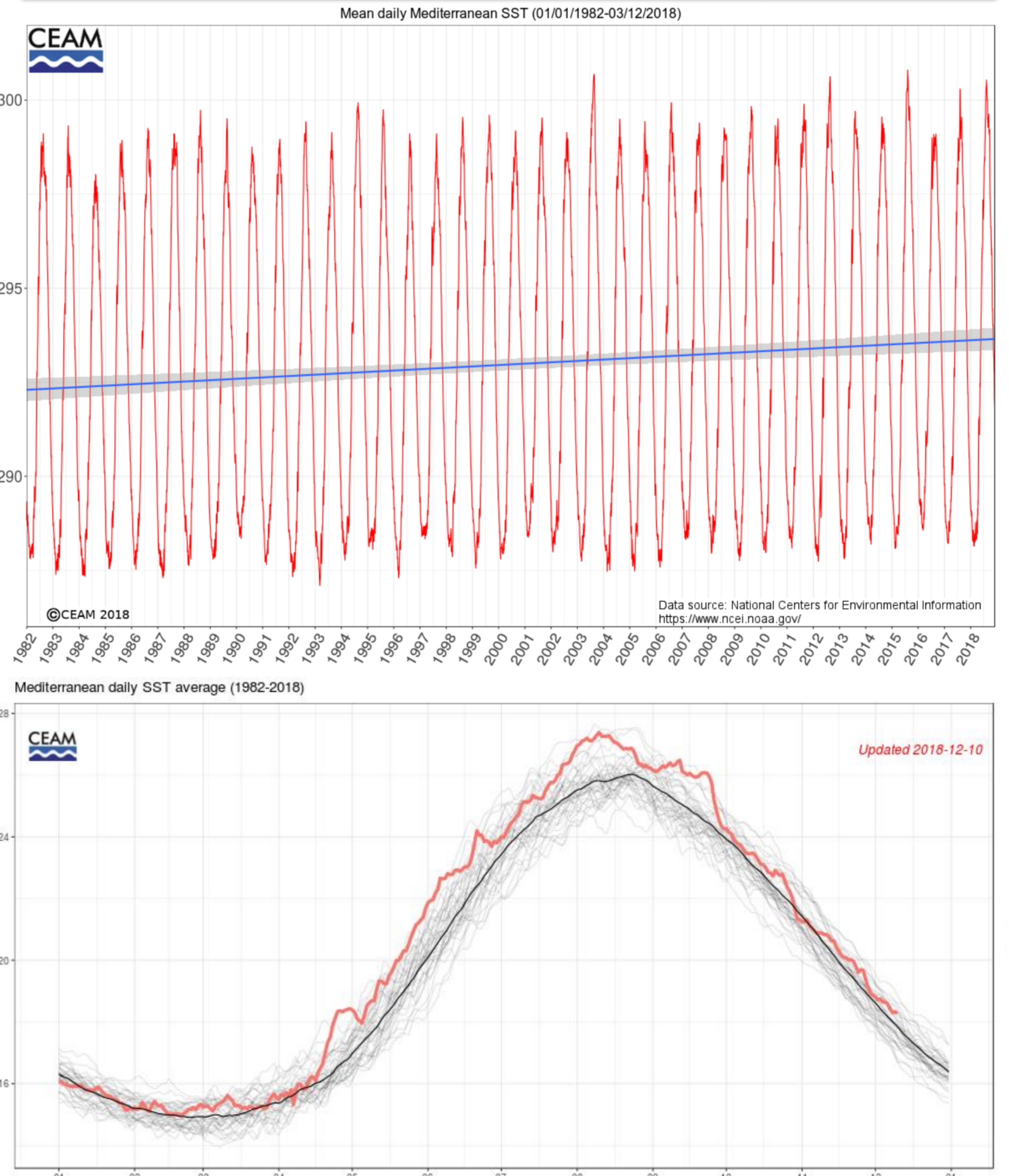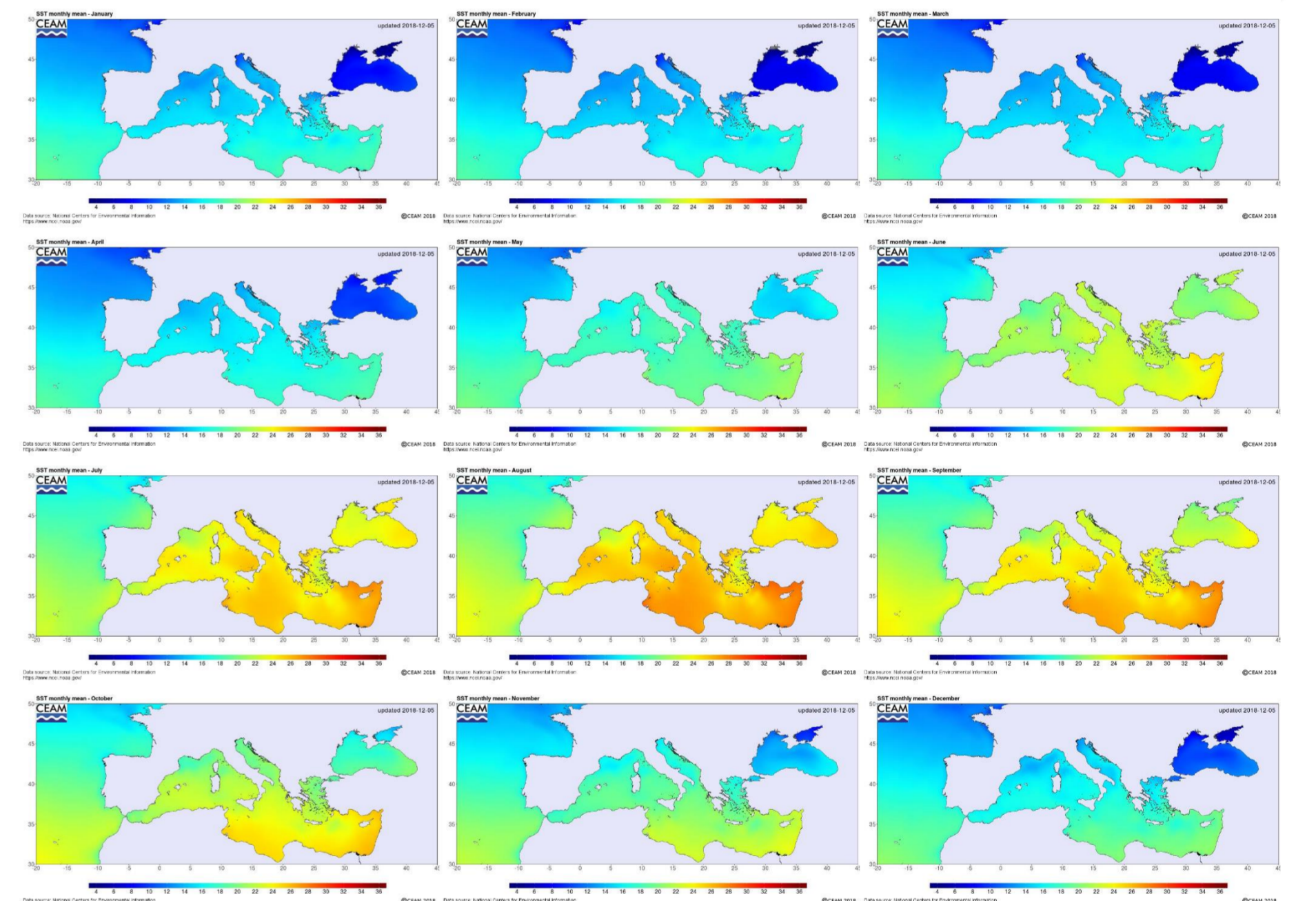- Improve site visibility, especially on the academic web

Downloads

Poster   Leaflet

Authors and web developers

Fundación CEAM
Meteorology and Pollutant Dynamics Department

★ **Francisco Pastor** paco@ceam.es

Jose Antonio Valiente

Jose Luis Palau

THE CREW

CEAM
FUNDACIÓN
CENTRO DE ESTUDIOS
AMBIENTALES DEL
MEDITERRÁNEO

SST science in the web

Latest SST and anomaly daily maps

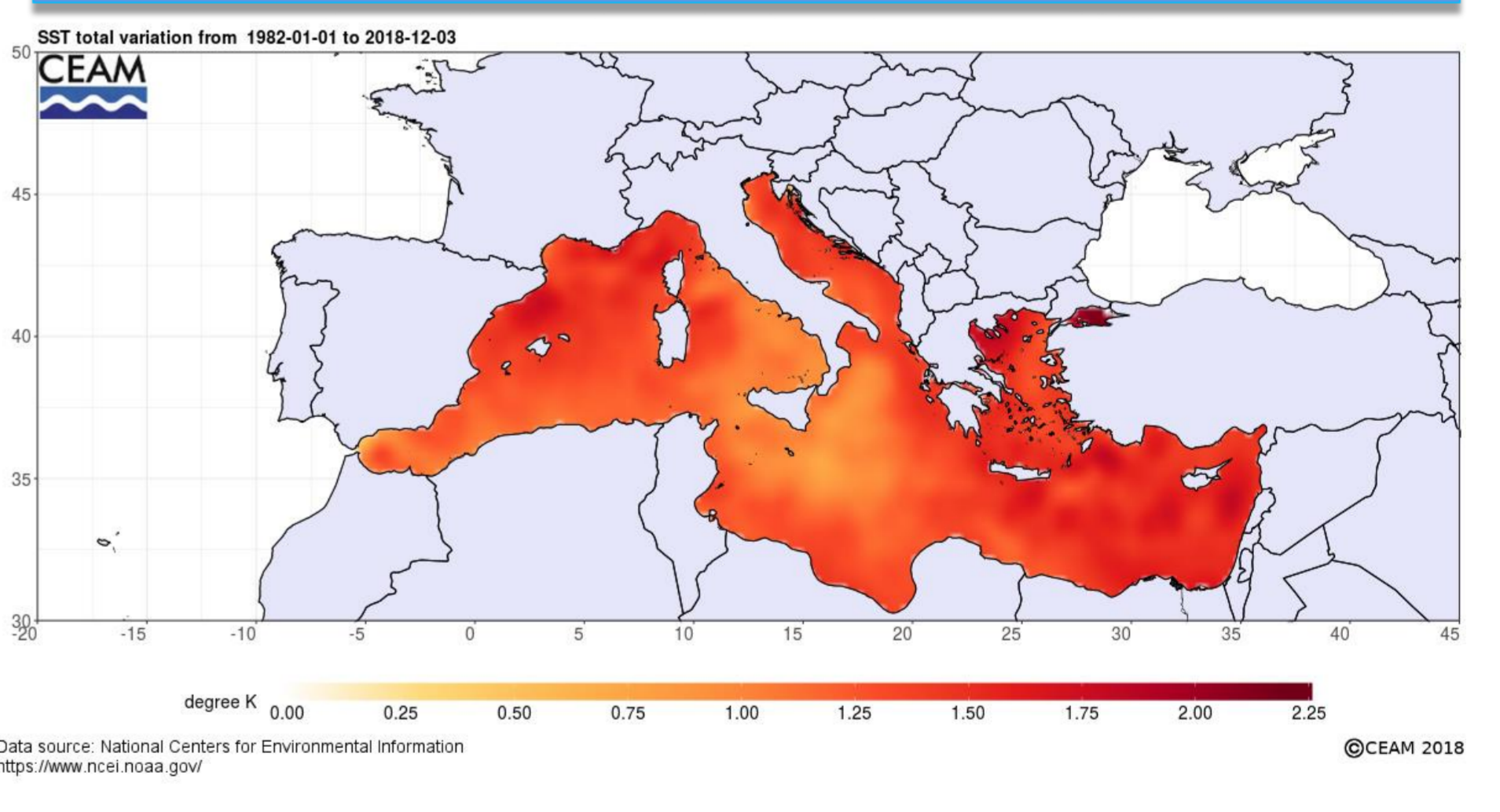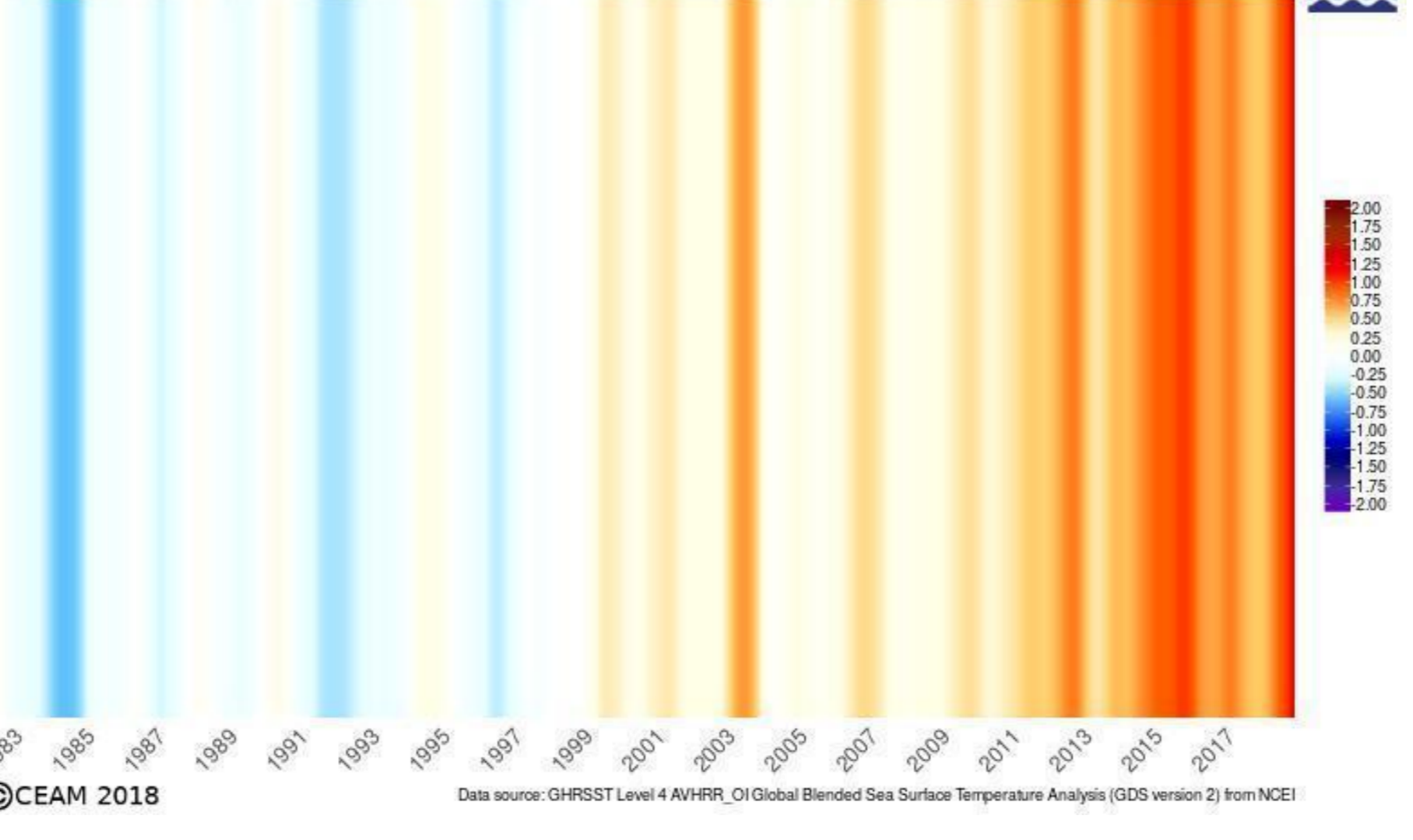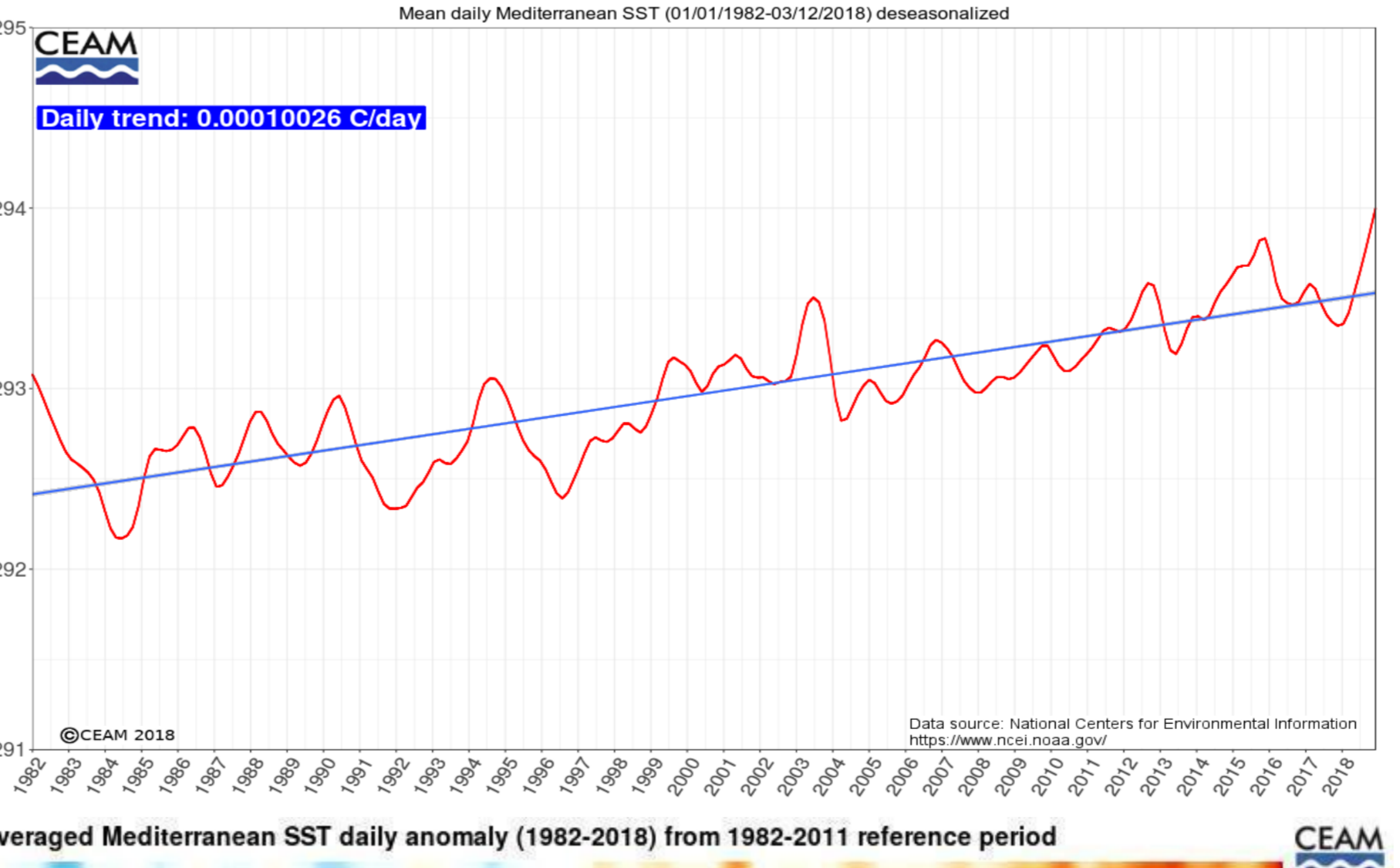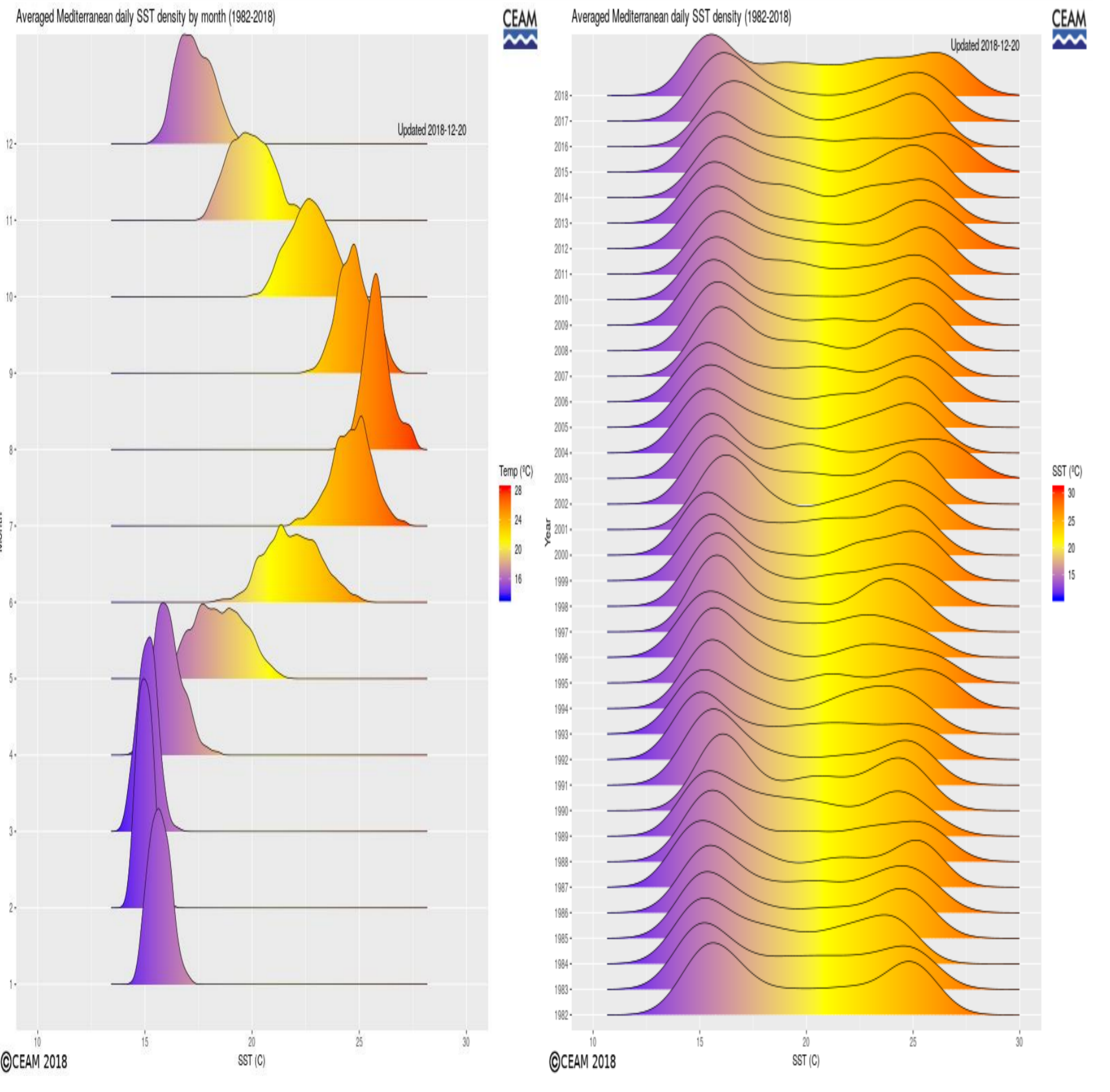
SST density climatology and trends

Daily and monthly global trends

Monthly climatologies

Latest SST and anomaly daily maps

Working in more SST science right now. Visit us soon to check news and improvements

SST data sources

- **NCEI** GHRSST Level 4 AVHRR_OI Global Blended Sea Surface Temperature Analysis (GDS version 2) from **National Centers for Environmental Information**
- **METOPB**: GHRSST L3C global sub-skin Sea Surface Temperature from the Advanced Very High Resolution Radiometer (AVHRR) on Metop satellites (currently Metop-B) (GDS V2) produced by **OSI SAF**
- **CMEMS**: Mediterranean Sea High Resolution and Ultra High Resolution Sea Surface Temperature Analysis, processed by the **CNR-ISAC-GOS** (Consiglio Nazionale delle Ricerche, Istituto di Scienze dell'Atmosfera e del Clima - Gruppo di Oceanografia da Satellite, Italy)
- **OSTIA**: GHRSST Level 4 OSTIA Global Foundation Sea Surface Temperature Analysis produced by **MetOffice**