CITES 2019 Report of Sevastopol group

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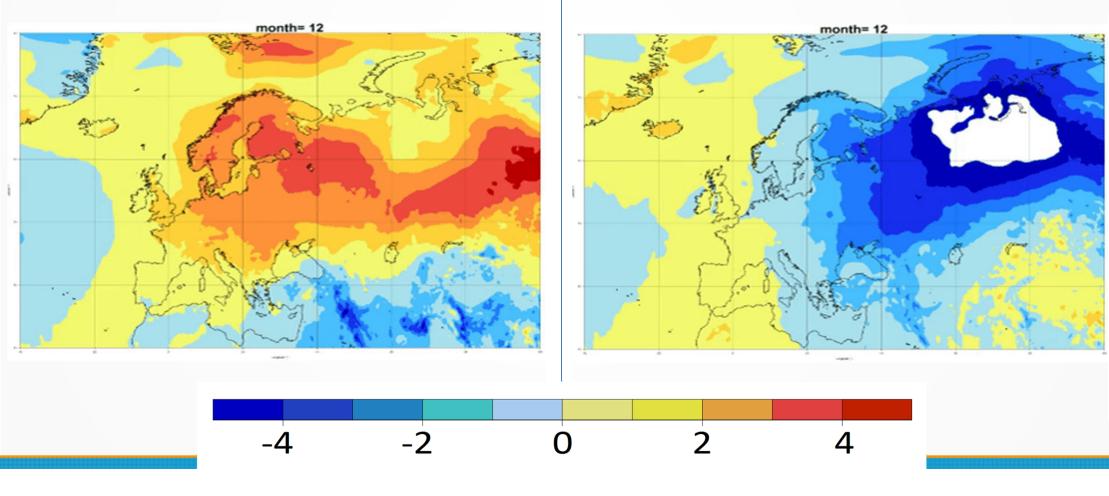
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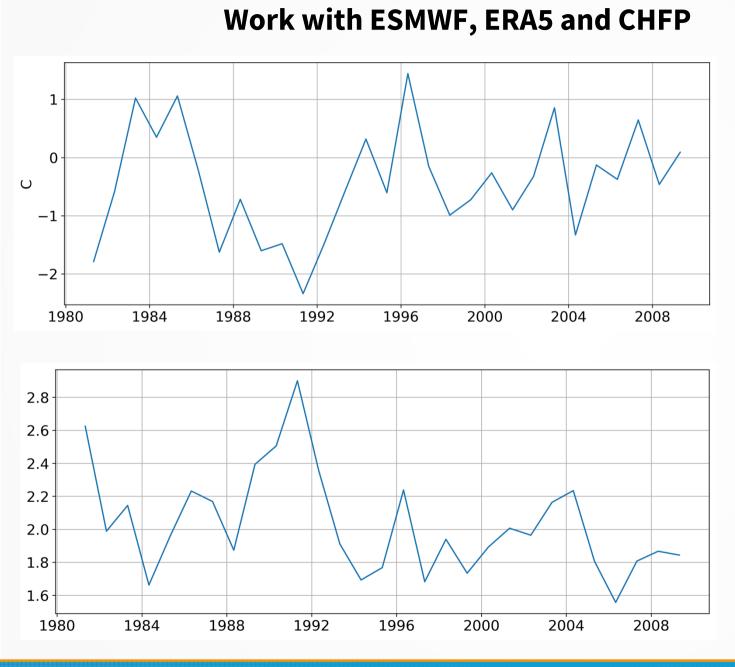
- Work with ESMWF, ERA5
- Comparison of different forecasts (ERA5, CHFP)
- Ensemble analysis
- Date base IRI

Temperature response to El-Nino events in Atlantic-Europe

Eastern El-Nino

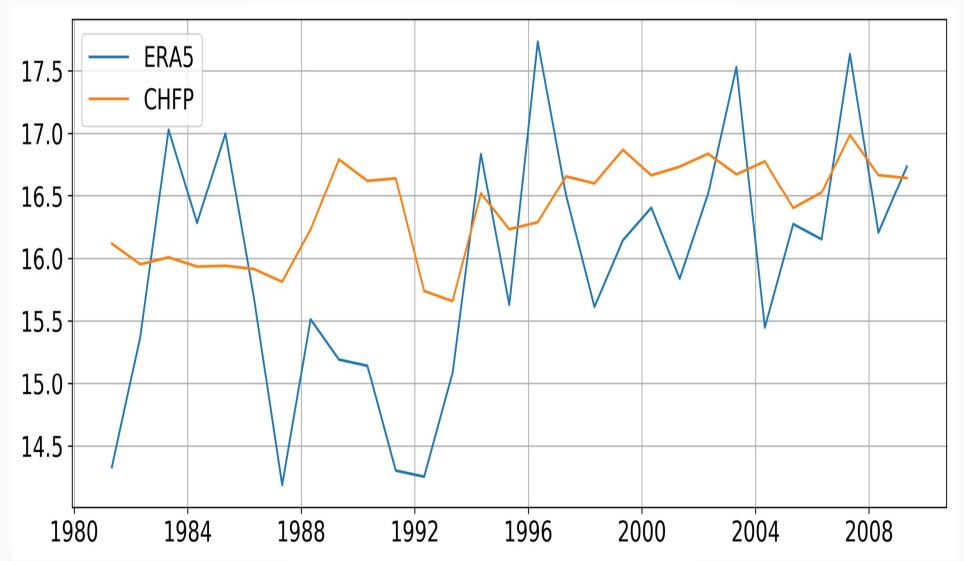
Central El-Nino



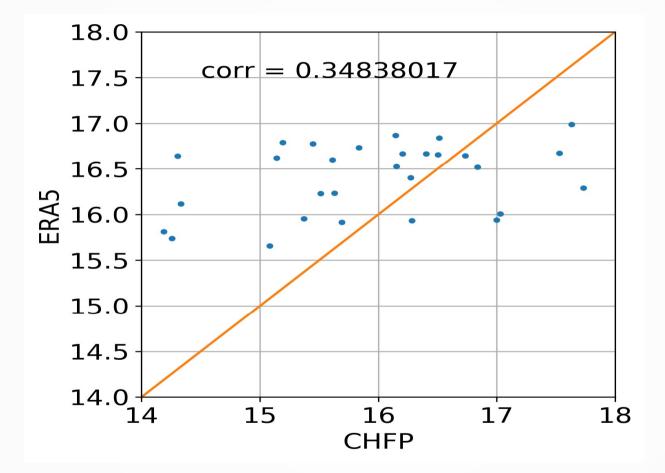


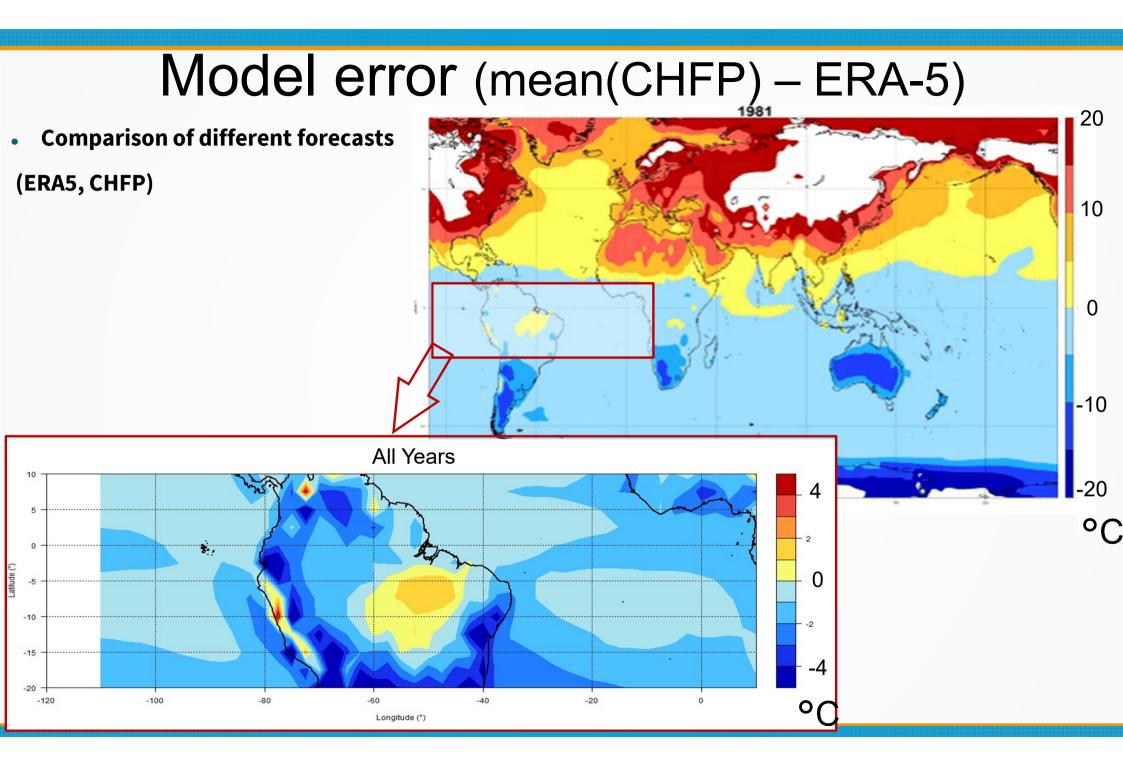
Differense ERA5, CHFP

Comparison of different forecasts (ERA5, CHFP)



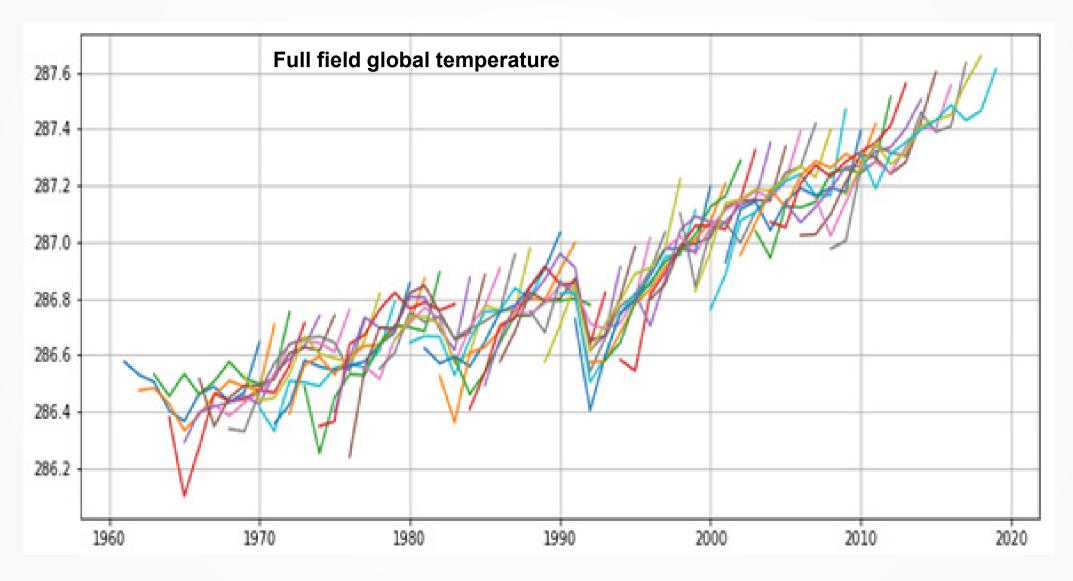
Comparison of different forecasts (ERA5, CHFP)

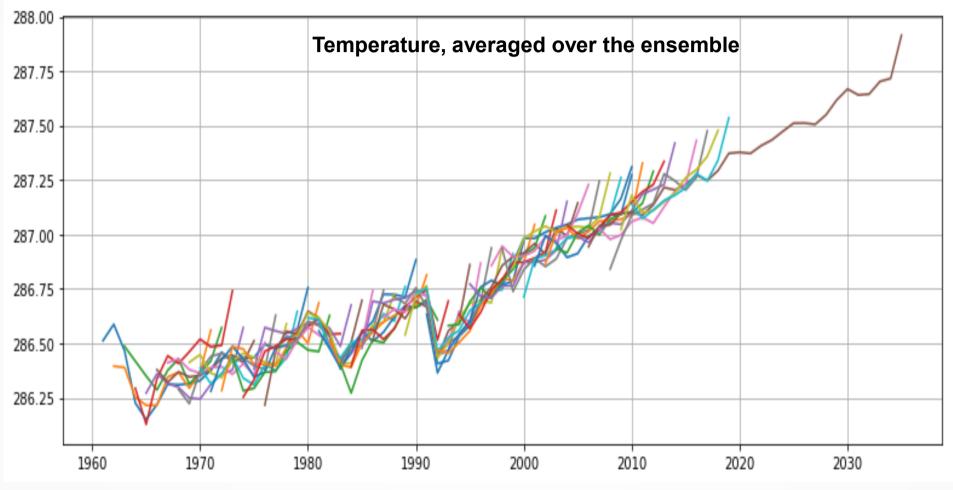




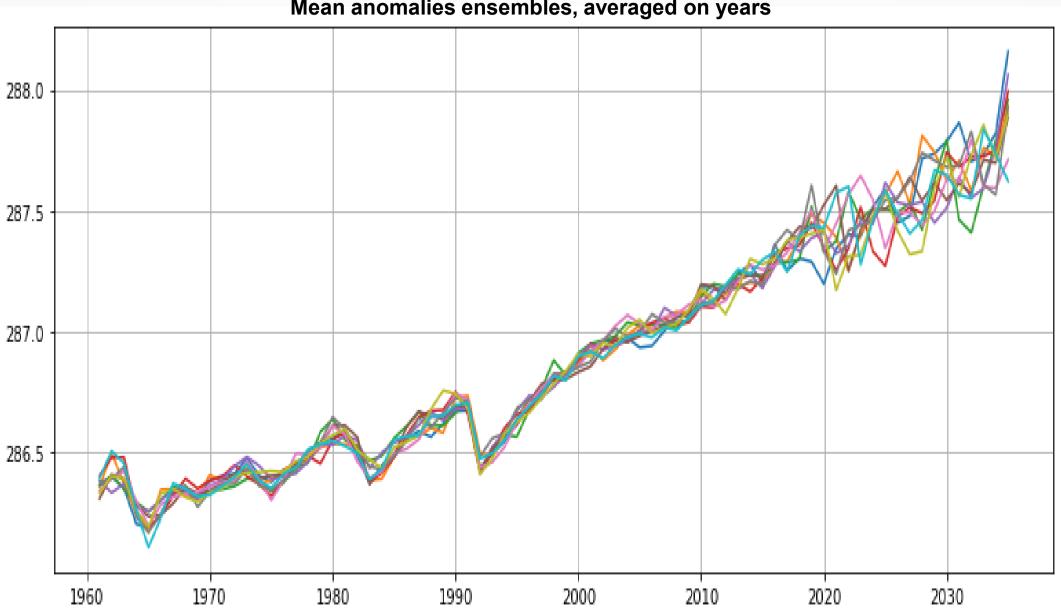
Ensemble analysis

Using Decadal forecasting Bias correction



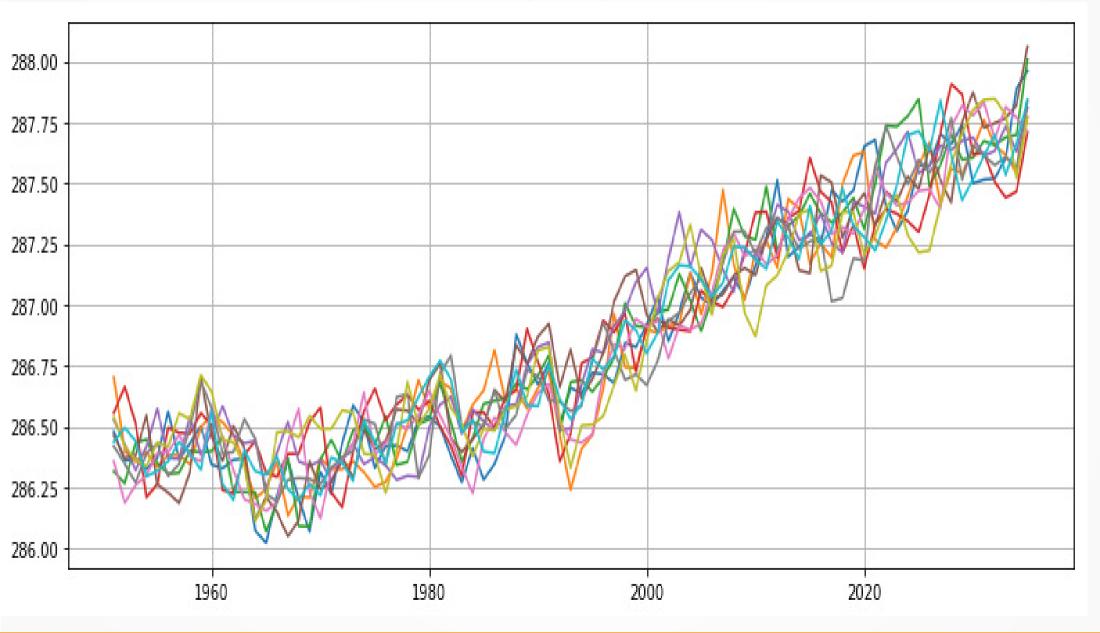


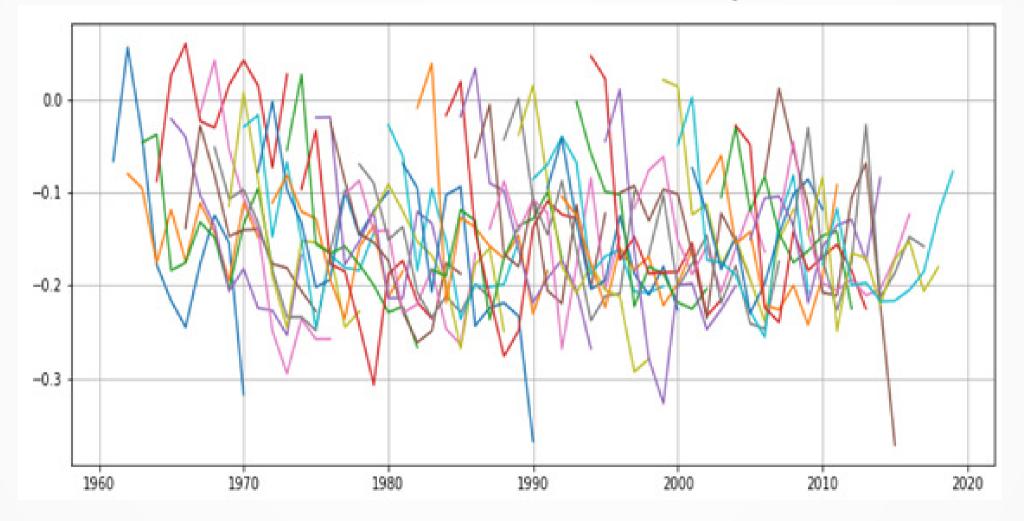
Increase in temperature



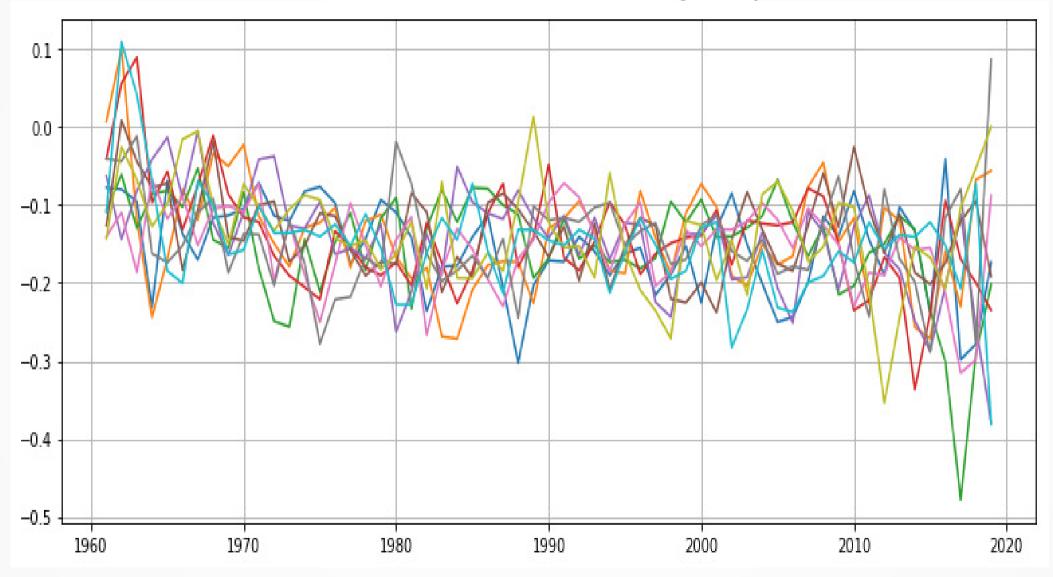
Mean anomalies ensembles, averaged on years

Data, averaged on years





differences between anomalies and full fields, averaged on ensemble



Differences between full fields and anomalies, averaged on years

