A pragmatic re-engineering approach to extend short observation time series by climate anomaly gridding

Ole Einar Tveito, Norwegian Meteorological Institute



Institute

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- Stations with at least two complete year of observations are analysed and 30 year averages are estimated.
- Results are thoroughly examined, and some estimates are rejected due to poor or non-representative observations at the candidate stations.



Does it work?

- Estimates are robust when station coverage in the region is good.
- Estimates are sensitive to:
 - Observation quality; poor observations will introduce uncertainties.
 - Station representativity; station observations deviating from the regional signal will not achieve accurate estimates.