

ERA40 Simulationen innerhalb des EU Projektes Ensemble als Basis zur Erstellung eines Regionalmodellwichtungssystem

Detection and attribution of regional climate change and assessment of regional model performance on interannual and shorter time scales over several decades will be made using ensemble simulations of the period covered by ERA-40. To cover a multi-decade period is important, so that the capability of the models to simulate variability and extremes can be assessed in different phases of longer-term climate variability. Hind-cast simulations with RCMs, using ERA-40 driving fields and at the same time trying to account for known major land-use changes (and irrigation activities) for Europe during this period, will be made.