

ANALOGUE

SCAMP

SCAMP+

ERA-20C atmospheric reanalyses (111 years)

Atmospheric-trajectory generation

Meteorological synoptic time series

111 years : ANALOGUE and SCAMP; 1000 years : SCAMP+

Analogue-based downscaling

MAP and MAT daily values

30 observed values for each generation day

Daily-value sampling

MAP and MAT daily values

30 sampled values for each generation day

Schaake shuffle reordering

MAP and MAT scenarios

30 scenarios of

111 years : ANALOGUE and SCAMP; 1000 years : SCAMP+