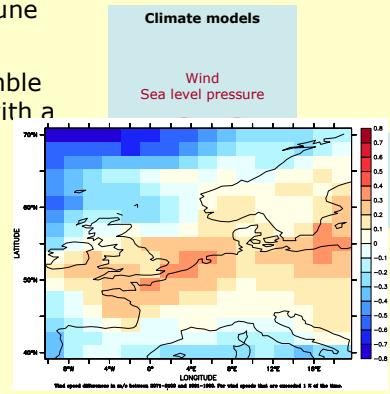


# ESCALATE

## Extreme Storms and Coastal evolution under AccelerATED sea level rise

- Impact of global climate change on dune erosion
- Use of the 17 Member Essence Ensemble make it possible to determine events with a high return period
- Operative surge and wave model
- Preliminary results show a small increase in wind speeds that are exceeded 1 % of the time
- Storm surge levels are expected not to change (see Sterl)
- NEDWAM wave calculations almost finished



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