



## **Wind energy in a future climate of the complex terrain of Iceland**

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The winds over Iceland are investigated in HIRHAM dynamic downscalings of the A2 and B2 scenarii of the Hadley Centre simulations of a future climate. The wind energy is not predicted to change much, but the frequency of wind directions may change more. The predictions indicate less energy from southerly winds, but more energy from northerly winds. This would benefit wind energy exploitation at the NE-coast of Iceland, while at the SW-coast, there may be an energy reduction in the future. Aspects of large-scale winds vs. local winds