

## ***Interactive comment on “Shifts in early spring wind regime in North-East Europe (1955–2007)” by S. Keevallik and T. Soomere***

### **Anonymous Referee #1**

Received and published: 29 April 2008

#### General comments:

The manuscript addresses relevant scientific questions and presents novel data. Substantial conclusions on regime shifts of the wind field over Estonia are reached. The results support the conclusions of the manuscript. However, I miss the connection to the large-scale circulation/SLP patterns explaining the variability over northern Europe, like the North Atlantic Oscillation, the Scandinavia pattern, and the East Atlantic/West Russia pattern (see Barnston and Livezey, 1987). This connection would help to better understand the origin of the identified regime shifts. I recommend to accept the manuscript for publication after this minor revision.

Minor comments: 1) Page 275, line 23: "in mid summer" 2) Page 276, line 26: To avoid

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper



misunderstanding I suggest to define regime shifts earlier when they are discussed the first time. In the present version the definition is given first in section 4. 3) Page 280, line 5: " The authors ..." (just two or?)

Reference: Barnston, A. G., and R. E. Livezey, Classification, seasonality and persistence of low-frequency atmospheric circulation patterns, Mon. Weather Rev., 115, 1083&#8211;1126, 1987.

---

Interactive comment on Clim. Past Discuss., 4, 271, 2008.

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper