

WPMP - Energy Meteorology

Universität Oldenburg
Semester 2016
May 30, 2016

1 Wind Roses

2 Weibull distribution

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1 Wind Roses

2 Weibull distribution

Wind Rose implementation

```
1 WindRose(fino1_d90 , fino1_v90 , ...  
  'AngleNorth' , 0 , 'AngleEast' , 90) ;
```

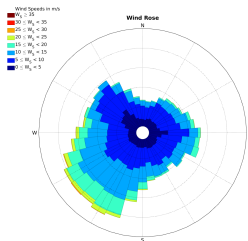


Figure: Wind Rose of FINO 1

Wind Roses

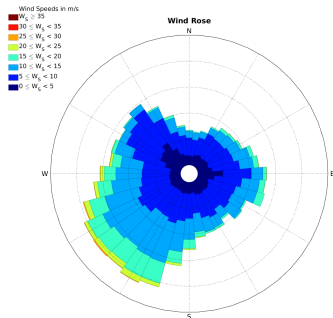


Figure: Wind Rose of FINO 1

Wind Roses

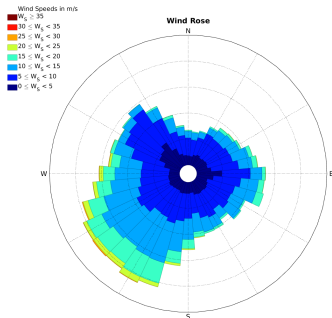


Figure: Wind Rose of FINO 1

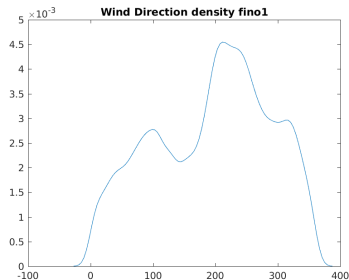


Figure: Validation of Wind Rose

Wind Roses

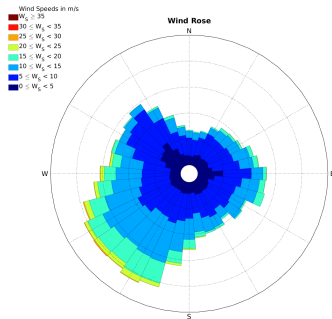


Figure: Wind Rose of FINO 1

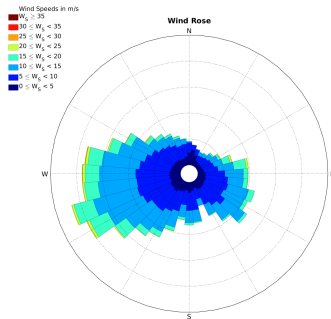


Figure: Wind Rose of FINO 2

Differences

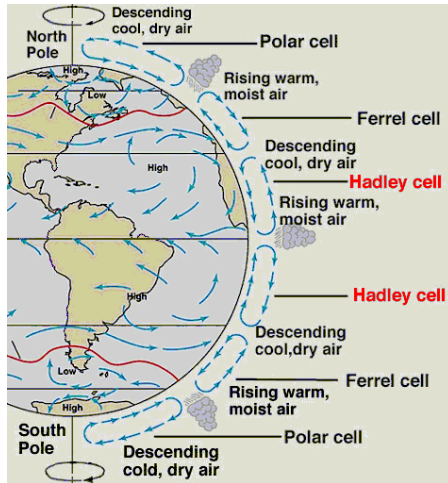


Figure: Geographical Distribution of Winds

Differences

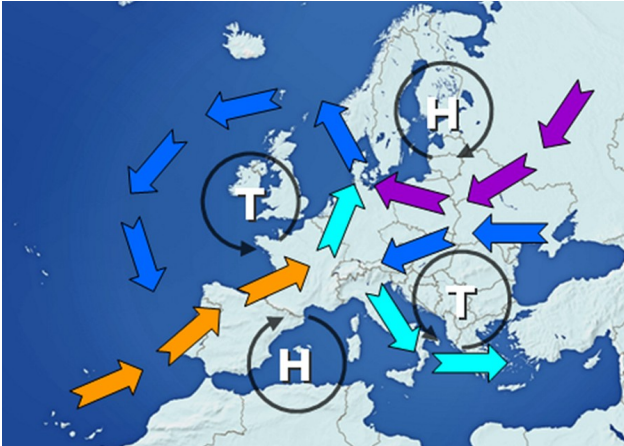


Figure: Typical weather pattern over Europe

Obstacles

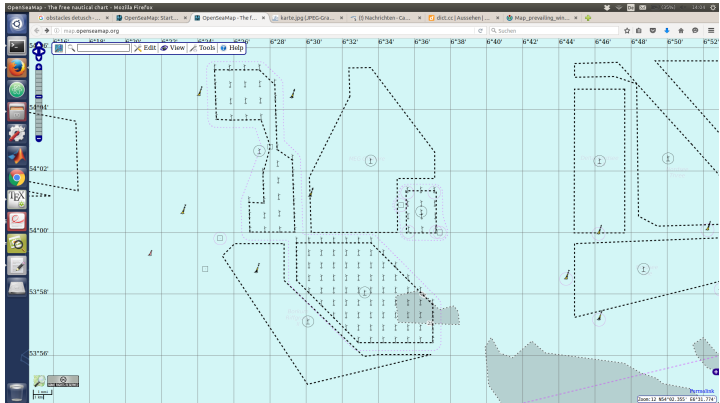


Figure: Location of FINO 1

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Vielen Dank für Ihre Aufmerksamkeit!
Haben Sie Fragen?

