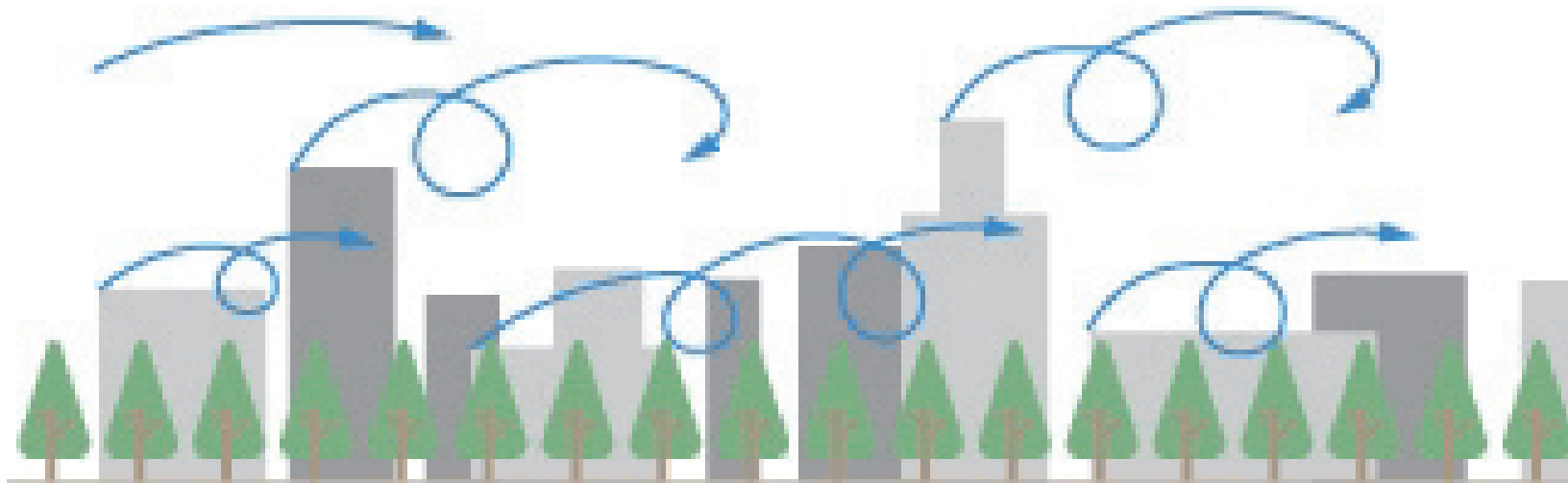


AzumiA



Complex Terrain is like building arrays.

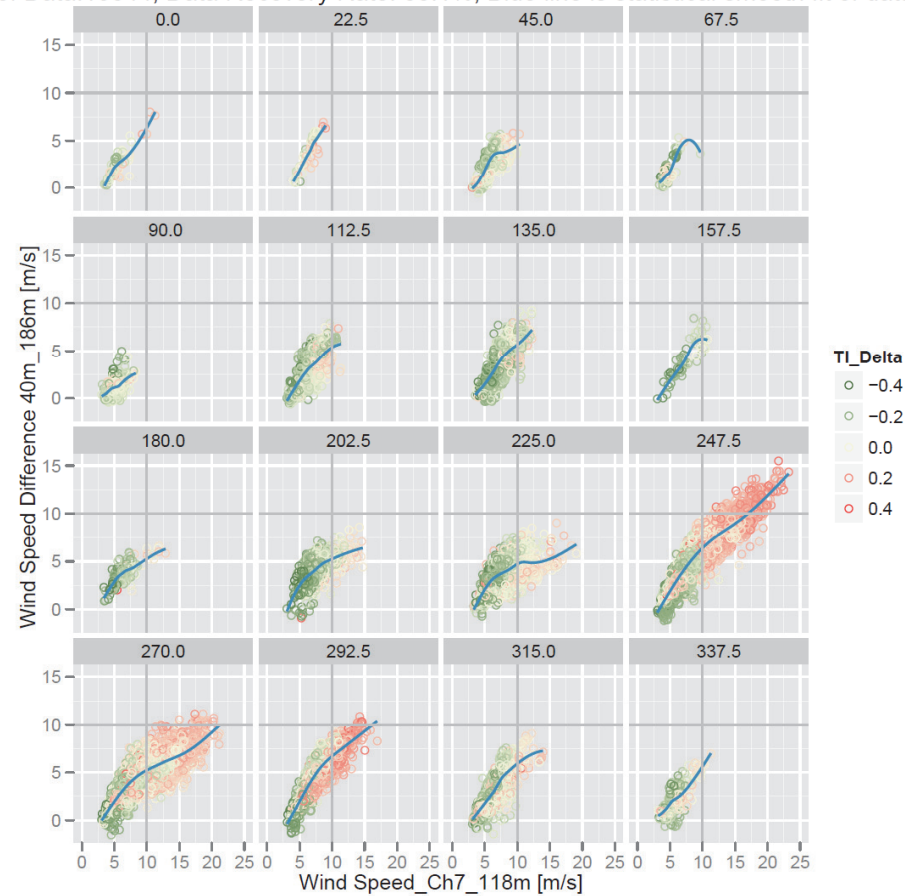
The undulating topography can lead to the onset of turbulence.

Vertical Wind Speed Difference with TI Delta

Data Period: 2023-12-05 14:10 – 2024-07-13 10:00 Data Channel: Speed Ch1_40m Ch11_186m, Direction Ch18_110m

TI_Delta is difference between measured TI and IEC TI, TI Class: A, TI Channel: Ch1_40m

Total Number of Data: 15844, Data Recovery Rate: 80.1%, Blue line is statistical smooth fit of data (~average)



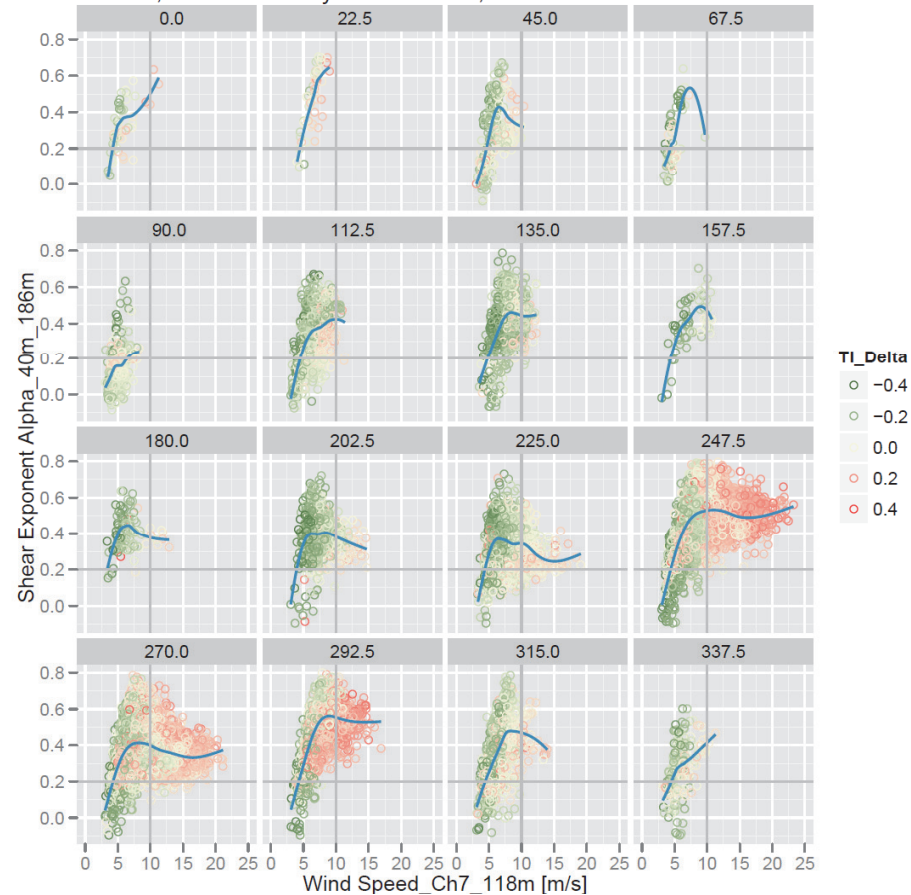
Complex topography presented in the upstream wind direction 247.5 to 300 degrees. High turbulence recorded at lower heights led to a reduction of mean wind speed and thereby increasing the wind speed difference.

Vertical Shear Exponent Alpha with TI Delta

Data Period: 2023-12-05 14:10 – 2024-07-13 10:00 Data Channel: Speed Ch1_40m Ch11_186m, Direction Ch18_110m

TI_Delta is difference between measured TI and IEC TI, TI Class: A, TI Channel: Ch1_40m

Total Number of Data: 15844, Data Recovery Rate: 80.1%, Blue line is statistical smooth fit of data (~average)



Complex topography presented in the upstream wind direction 247.5 to 300 degrees. High turbulence recorded at lower heights led to a reduction of mean wind speed and thereby resulting in high shear exponent.