

The interplay between wind and clouds in the trades

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Propositions

accompanying the doctoral thesis

The interplay between wind and clouds in the trades

by KEVIN C. HELFER

1. Wind shear deserves more attention in atmospheric science.
This proposition pertains to the dissertation.
2. An atmospheric scientist who never visualises their 3D model output misses out on important scientific insights.
3. Any geoscientist — regardless of being theoretician, modeller or observer — should personally visit their research subject to gain a deeper understanding of and develop intuition about it.
4. High motivation due to an out-of-the-classroom setting and project ownership can make field work one of the most effective teaching methods.
5. A successful career in academia requires the willingness to unhealthy work habits.
6. Demanding climate action is part of a (climate) scientist's responsibility and not at odds with scientific integrity.
7. The acknowledgements form the most-read chapter of each and every thesis, for human beings seek affirmation and esteem.
8. The largest problem of TU Delft's graduate school is its one-size-fits-all mentality.
9. The Dutch were better at integrating foreigners if they would not speak such good English.
10. The tendency of PhD candidates to formulate humorous propositions proves their ability of creative academic thinking.

These propositions are regarded as opposable and defensible and have been approved as such by the promotors Prof. Dr. A. P. Siebesma and Dr. L. Nuijens.