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Field observations of aerosol physical and chemical properties in the Netherlands

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Propositions

Accompanying the dissertation

Field observations of aerosol physical and chemical properties in the Netherlands

by

Xinya Liu

1. Accurate and reliable data is the foundation and a critical step towards the success of scientific research. (chapter 2&3)
2. Integrating in-situ and remote-sensing observations of aerosols is essential for developing a comprehensive understanding of their properties and behavior in the atmosphere. (chapter 3)
3. Consistent conclusions derived from diverse techniques and approaches may not guarantee absolute correctness, but they do indicate the reliability of the results. Therefore, scientific research should adopt diversified, multi-perspective approaches, even when existing methods appear well-established. (chapter 3)
4. One of the challenges in scientific research is the analysis of limited data to uncover insights that are not immediately apparent. (chapter 4)
5. Not every scientist can make ground-breaking achievements, but each one's efforts contribute a small step toward expanding our understanding of the truth.
6. Attaining a PhD is vastly simpler, or almost inconsequential, compared to the challenge of achieving world peace and stability.