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# Propositions

accompanying the dissertation

## FINE SEDIMENT DYNAMICS IN THE SOUTHERN NORTH SEA

by

**Henricus Cornelis Maria HENDRIKS**

1. Explaining the spatial distribution of fines in the seabed of the Dutch Coastal Zone requires an integrated assessment of sediment sources, transport pathways and accumulation potential (Chapter 2).
2. A single human intervention can exert multiple, even opposing, effects on fine sediment transport (Chapter 2).
3. The interaction between bedforms of different scales plays a crucial role in the short-term burial of fines following storms (Chapter 3).
4. Megaripple formation governs fine sediment remobilisation, placing high demands on model formulations describing seabed exchange (Chapter 4).
5. The negative connotation of the word 'mud' is both false and undeserved.
6. Those who observe the sea only from solid ground will never understand her true nature.
7. Mud is the uninvited guest to morphologists' beach parties (cf. Pearson *et al.*, 2021).
8. The race for space on the North Sea continues only because we keep moving the finish line, at the expense of the marine ecosystem.
9. Propositions and anti-acknowledgements (cf. Los, 2025) show how PhD candidates at TUDelft must formalize their feedback to be heard.
10. It is more effective to support a PhD candidate's mental well-being with a pair of running shoes than with yet another Doctoral Education course.
11. The (former) professional Dutch football clubs named after Greek heroes share one trait with their namesakes: tragedy.

These propositions are regarded as opposable and defensible, and have been approved as such by the promotors dr. ir. B.C. van Prooijen and prof. dr. ir. S.G.J. Aarninkhof.