



Delft University of Technology

## Understanding Levee Failures from Historical and Satellite Observations

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# Propositions

accompanying the dissertation

## UNDERSTANDING LEVEE FAILURES FROM HISTORICAL AND SATELLITE OBSERVATIONS

by

**Işıl Ece ÖZER**

1. When the spatial and temporal sampling of coherent satellite InSAR observations is used to optimize the deployment of conventional methods for levee deformation behavior, the Netherlands will be a safer country.
2. The success of satellite technology as an operational levee monitoring system relies on the decision makers rather than the technique itself.
3. Observing the breathing of a levee is the proper way to diagnose its illness at an early stage.
4. Government officials, industry representatives, and scientists have one thing in common: their self-declared rationale for not sharing data hampers the advancement of levee safety.
5. What hinders the rapid development of technologies to prevent flood defense failures is the absence of a flood defense failure.
6. The effort of individual households in high-income countries reveals itself insufficient to tackle the climate crisis.
7. Completing a PhD is more a matter of endurance than intelligence.
8. The effort spent during a PhD on striving for publications with critic-proof sentences could be better used to interact and exchange knowledge with experts, thus focusing more on the contribution to society.
9. Cheering a woman for working in science and technology is not a compliment.
10. Uninformed assumptions based on cultural prejudices and stereotypes often lead to delusive conclusions, as supposing that yoghurt does not go well with pasta.

These propositions are regarded as opposable and defensible, and have been approved as such by the promoters prof. dr. ir. S.N. Jonkman and prof. dr. ir. R.F. Hanssen.