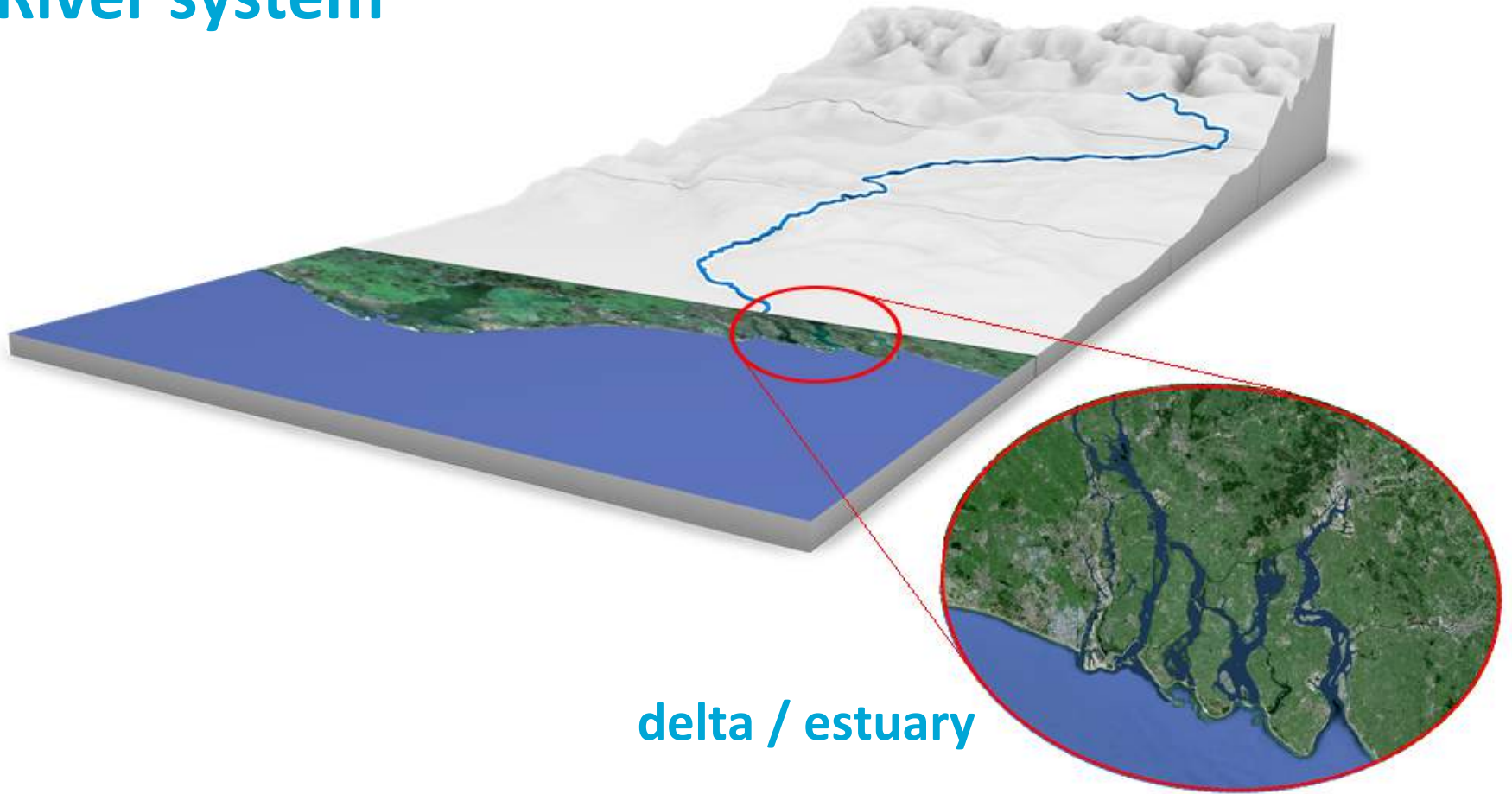


Delta / Estuary Interventions

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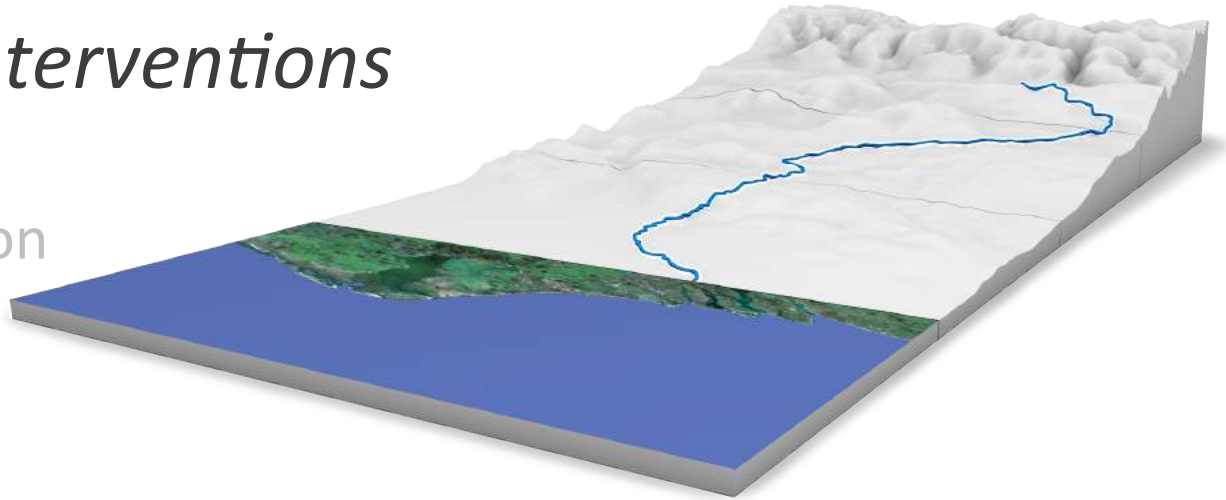
River system



Navigation and ports

Functions of interventions

- Energy generation
- Water supply
- **Navigation**
- Safety
- Ecological and societal functions



Navigation and ports: navigation locks



Source: Mark Voorendt

Navigation and ports: dredging works



Source: Dredging the Harbour, Mary Madigan

Navigation and ports: quays

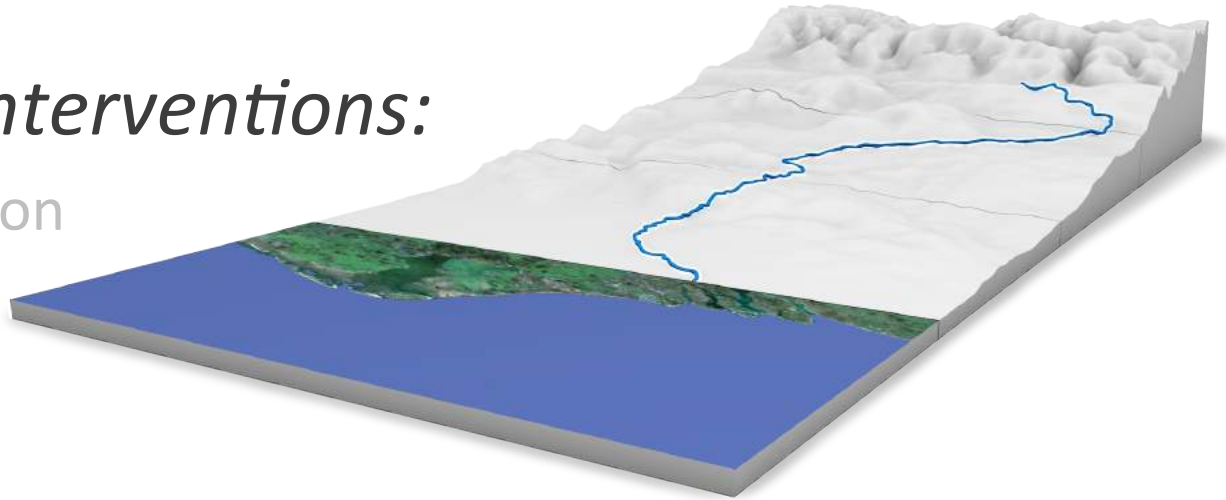


Source: Mark Voorendt

Flooding and rain

Functions of interventions:

- Energy generation
- Water supply
- Navigation
- **Safety**
- Ecological and societal functions



Dutch Delta Works



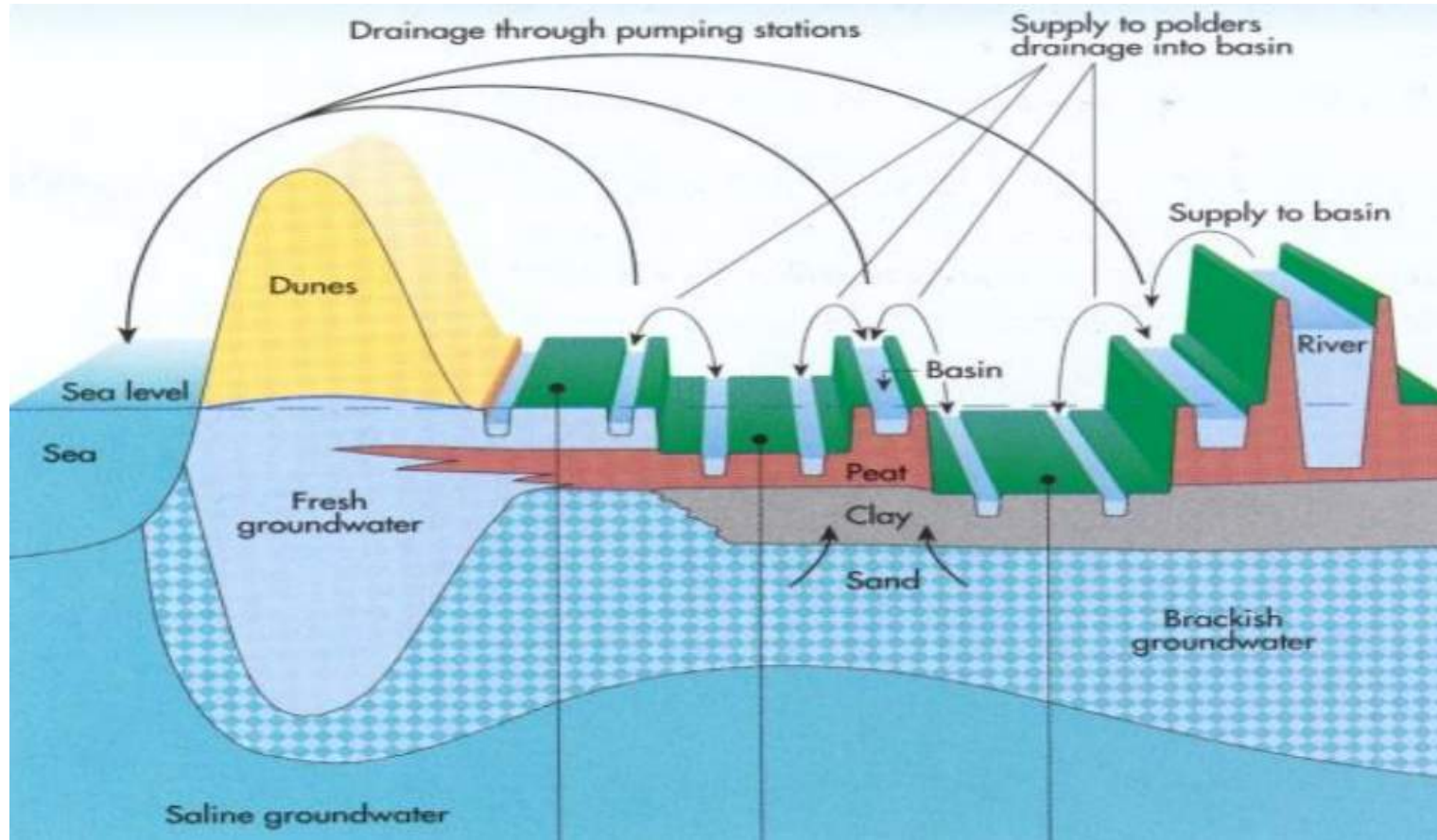
Source: Wikipedia

Storm surge barriers (Maeslantbarrier)



Source: <https://beeldbank.rws.nl>, Rijkswaterstaat / Joop van Houdt

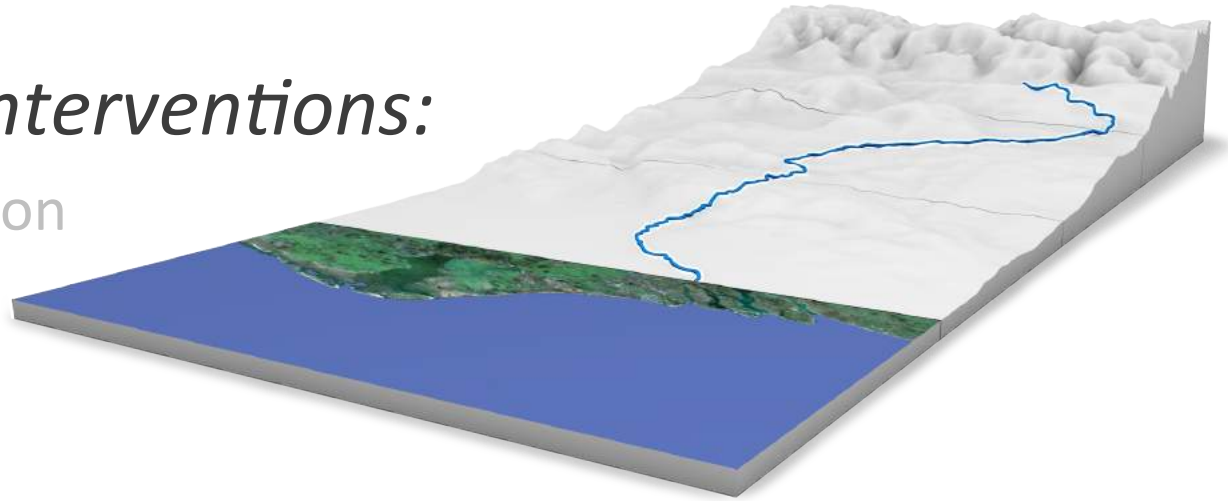
Flooding and rain: polders



Flooding and rain

Functions of interventions:

- Energy generation
- Water supply
- Navigation
- Safety
- Ecological and societal functions



Water allocation

(Lake IJssel)



Source: Wikipedia

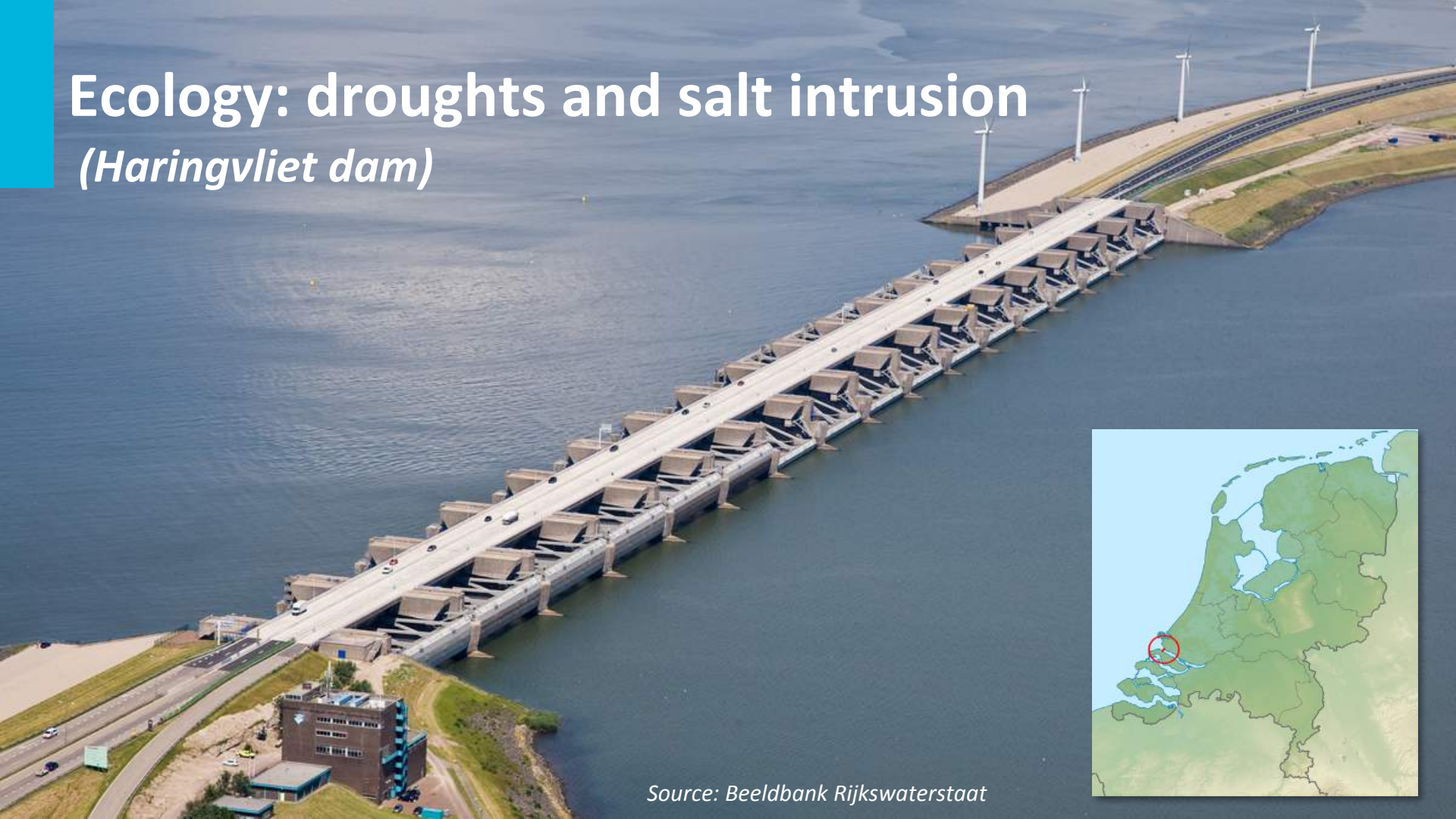
Water allocation

(Closure dam, 'Afsluitdijk')



Source: Wikipedia

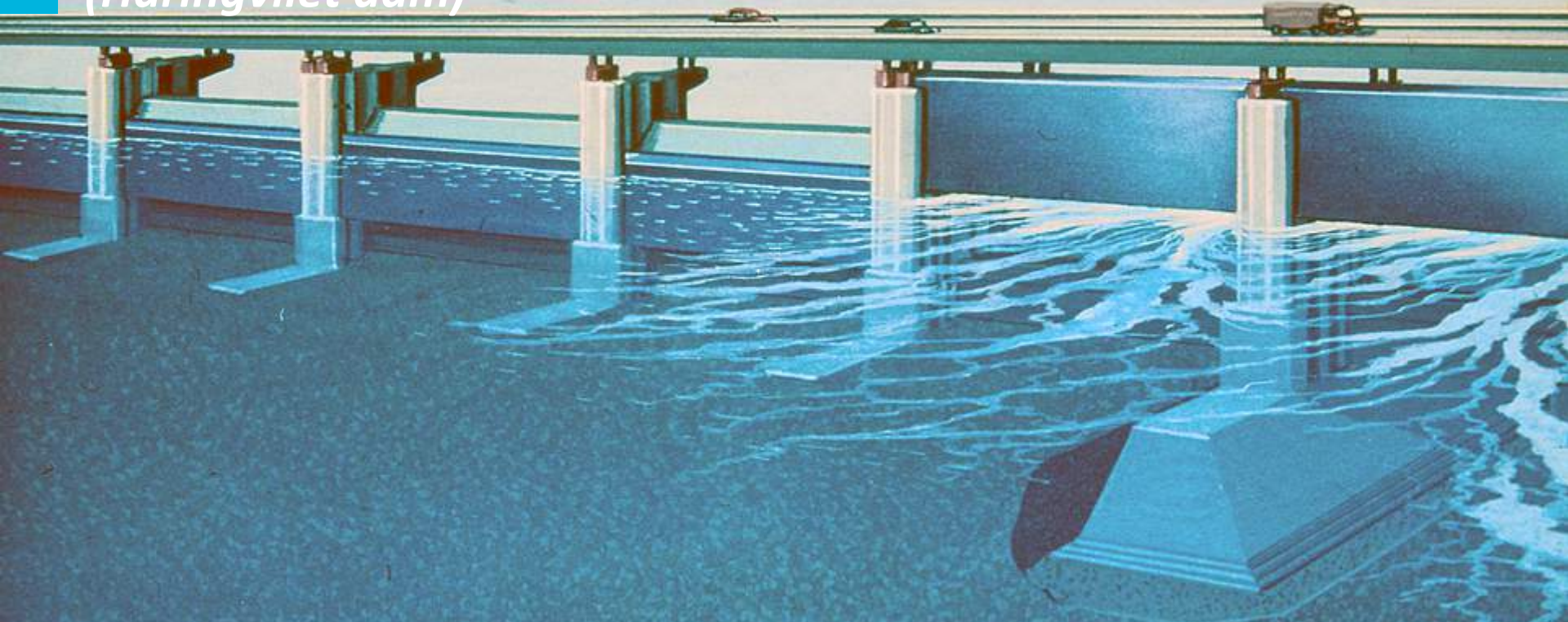
Ecology: droughts and salt intrusion (Haringvliet dam)



Source: Beeldbank Rijkswaterstaat

Ecology: droughts and salt intrusion

(Haringvliet dam)



Source: <https://beeldbank.rws.nl>, Rijkswaterstaat / DD

Delta / Estuary Interventions

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