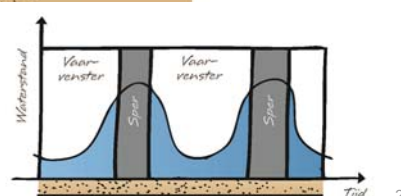
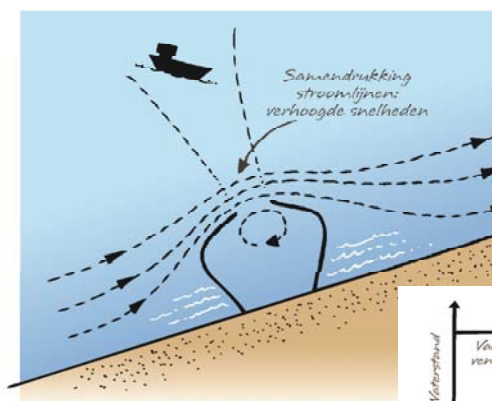


Een levend model van de haven van Zeebrugge i.k.v. Vlaamse Baaien

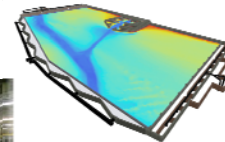


Invloed getij op Zeebrugge



Fysisch model van Zeebrugge

- hor. schaal 1:300 & vert. schaal 1:100
(16 km x 10 km) (20 m waterdiepte)

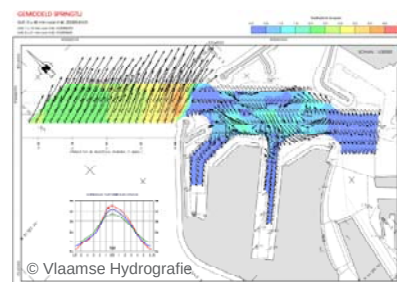


De echte wereld (→ kalibratie)

- In situ metingen
 - **Permanente stations:**
 - 6x waterstand
 - 2x stroming
 - **ADCP raaien**



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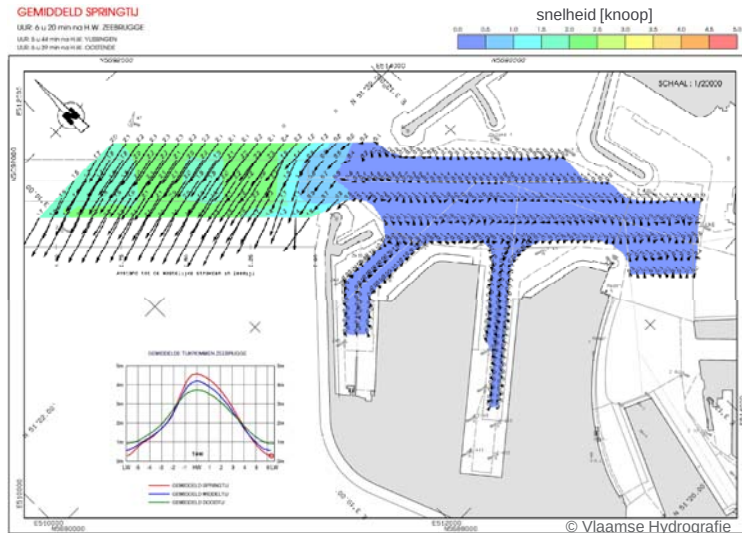


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Stroming (springtij)

GEMIDDELD SPRINGTIJ

UUR: 6 u 20 min na H.W. ZEEBRUGGE
UUR: 6 u 40 min na H.W. VOSBERGHE
UUR: 6 u 20 min na H.W. OOSTENDE

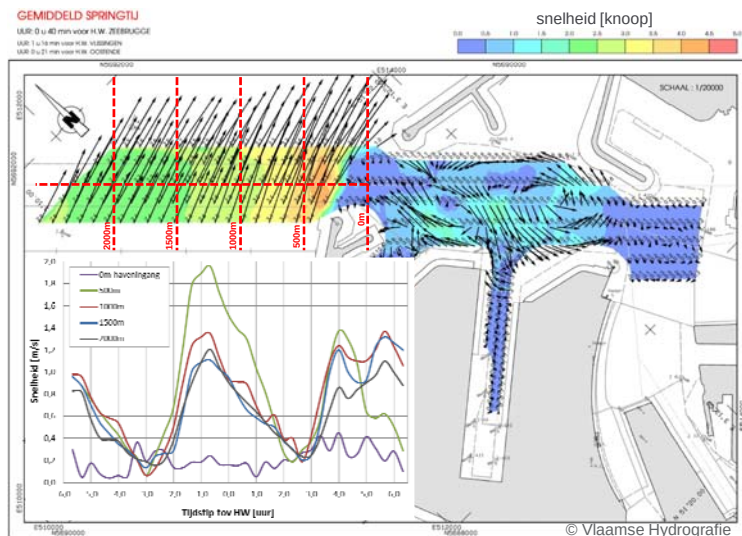


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Maximale vloedstroom

GEMIDDELD SPRINGTIJ

UUR: 0 u 40 min voor H.W. ZEEBRUGGE
UUR: 1 u 10 min voor H.W. VOSBERGHE
UUR: 0 u 20 min voor H.W. OOSTENDE



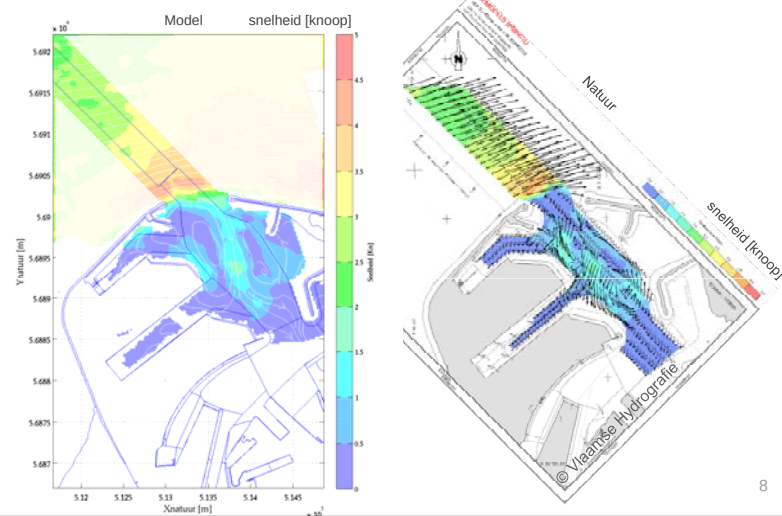
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Een levend model



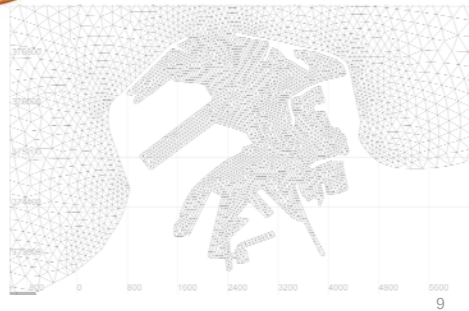
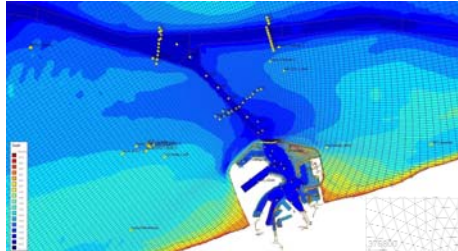
7

Gekalibreerd schaalmodel



8

Numerieke modellen



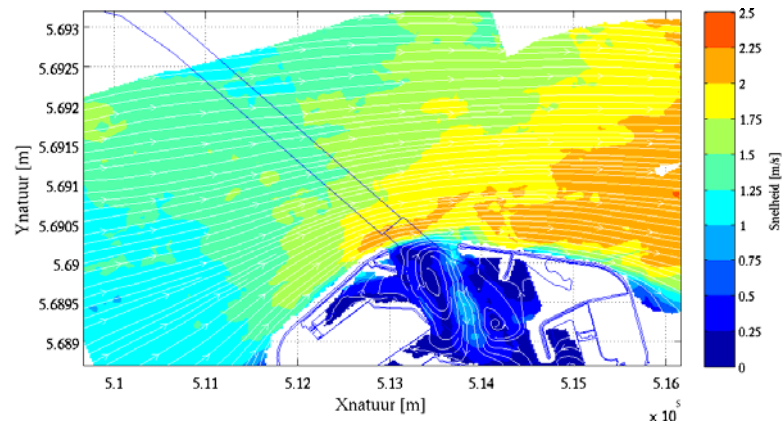
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Bouwstenen Vlaamse Baaïen



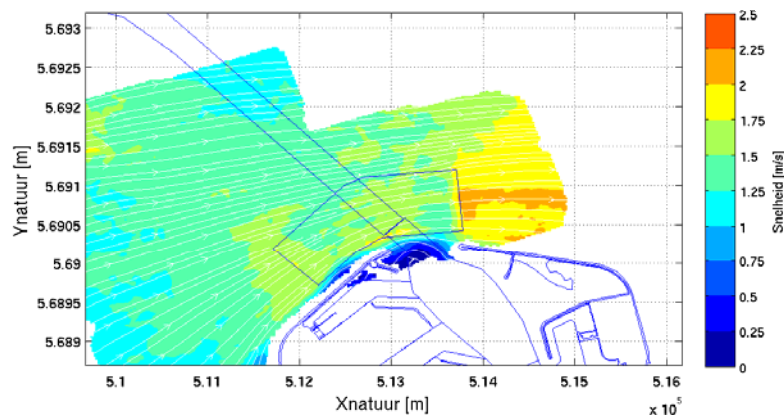
10

Huidige toestand



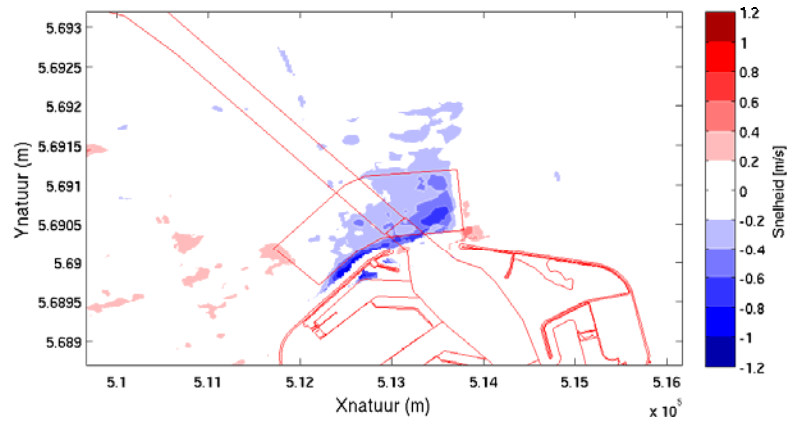
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Bodemverlaging



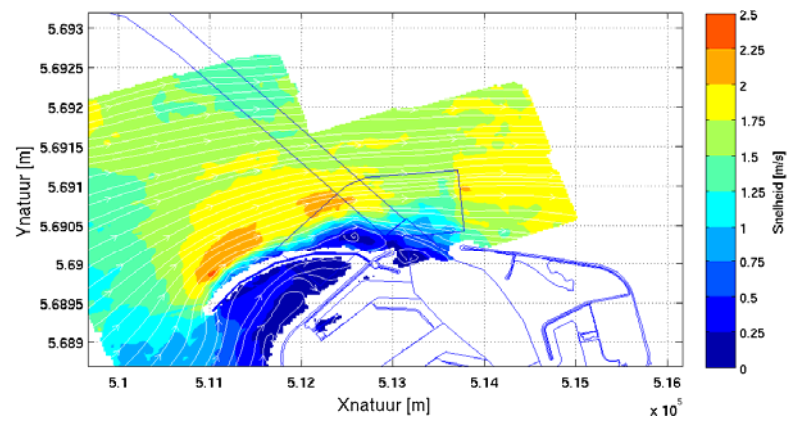
12

Bodemverlaging



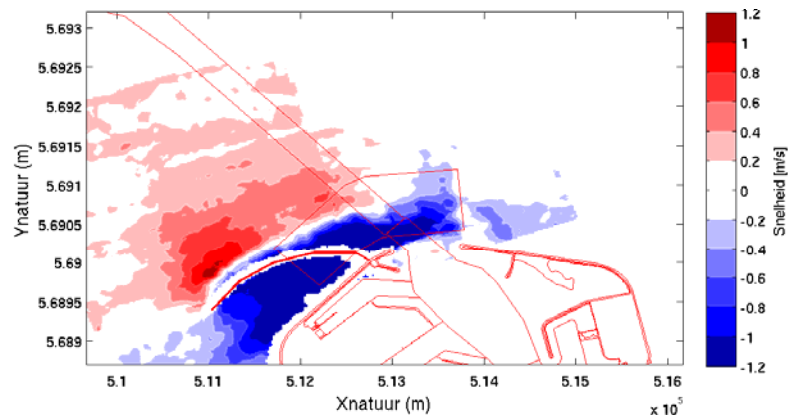
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Bodemverlaging + korte westdam



14

Bodemverlaging + korte westdam



15



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