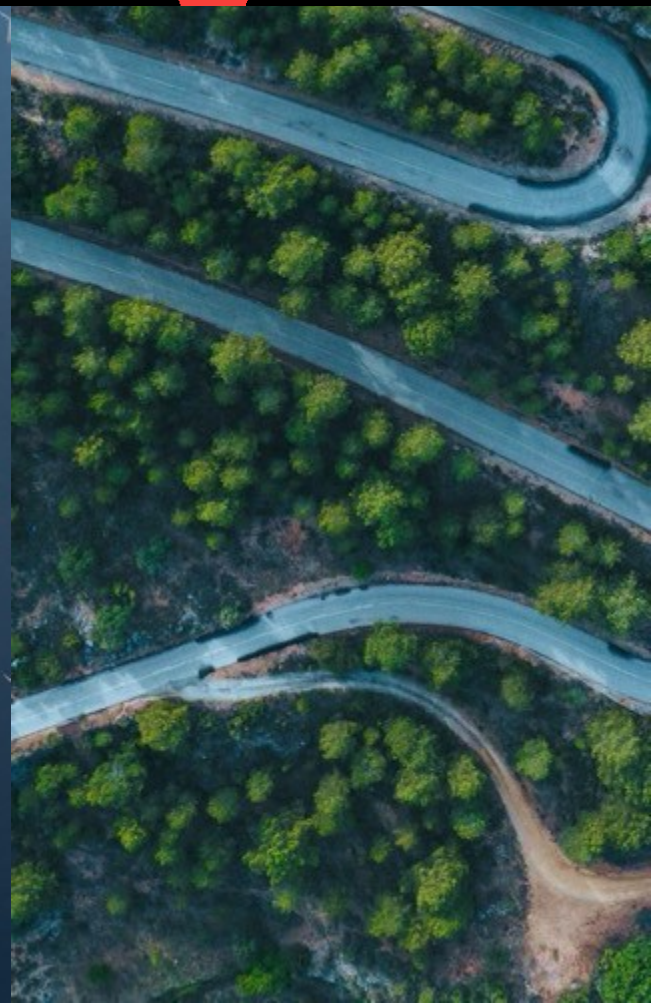
Temadag om klimatilpasning gennem forsinkelse i oplandet

- Overvejelser når der skal tænkes forsinkelse i oplandet

Montra Hotel Sabro Kro
5. oktober 2022

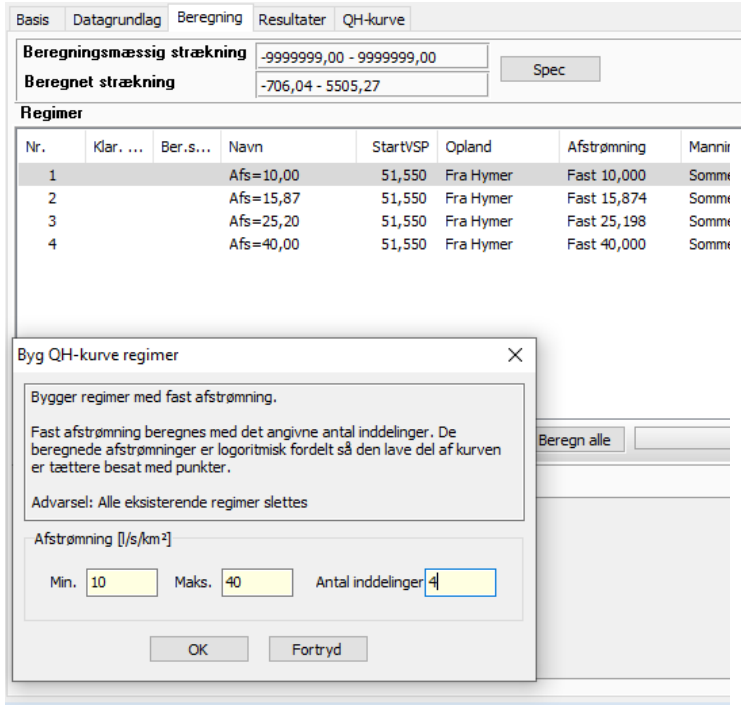
Morten Engholm Larsen
morten.larsen@wsp.com

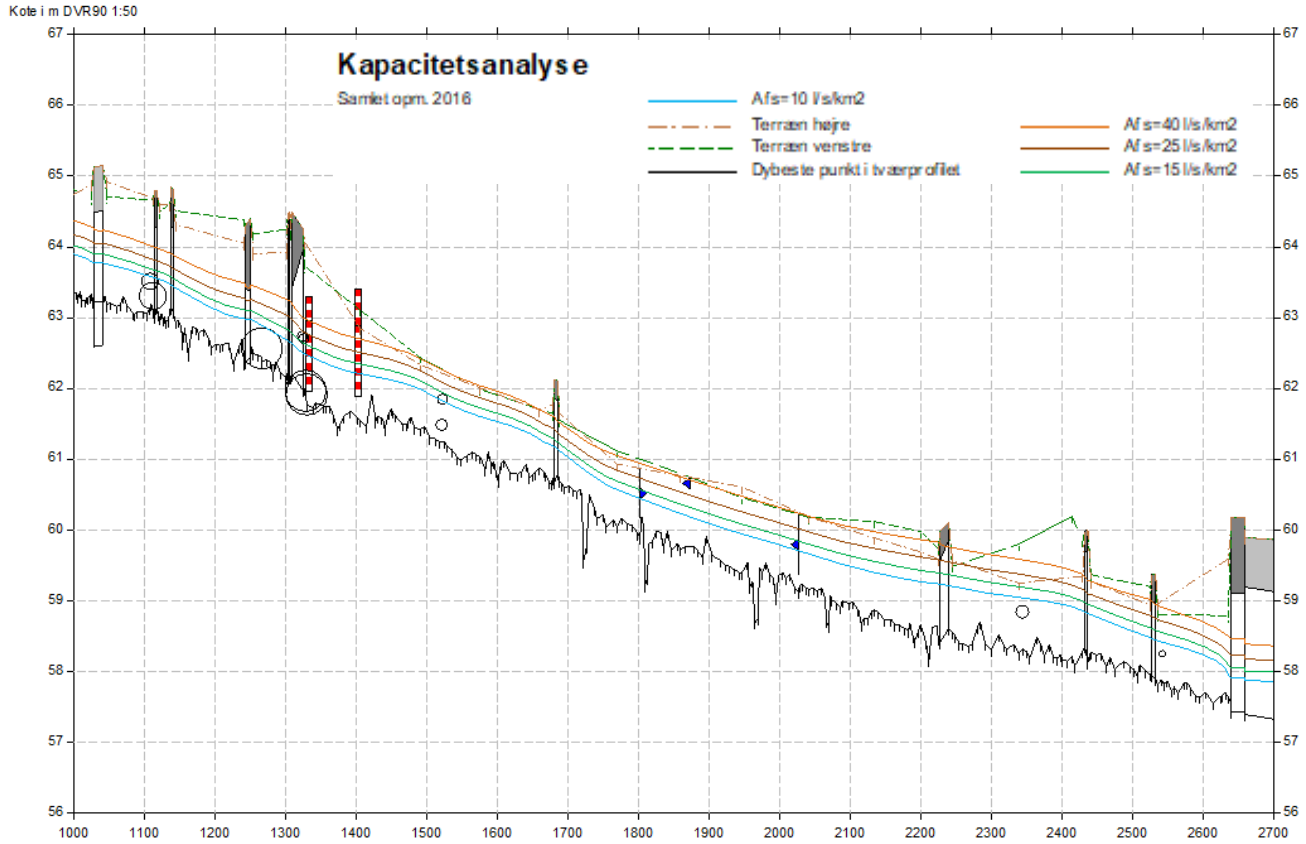


Forsinkelsesbehov

Kapacitetsberegninger af kritiskniveau, evt. VASP, Scalgo, MIKE11, MIKE Flood mm.

Kritisk vandstand -> kritisk vandføring





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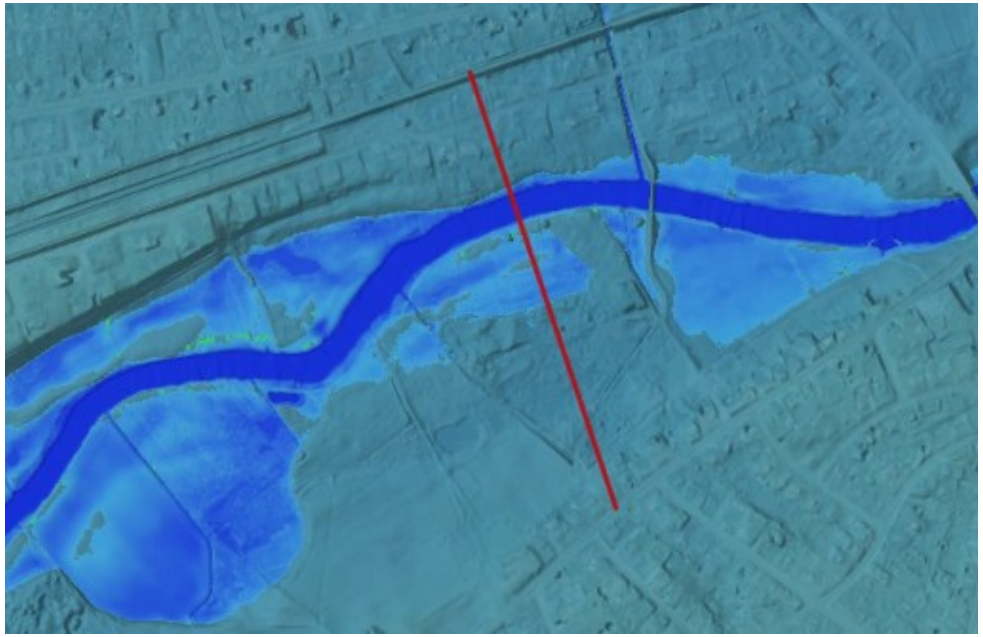

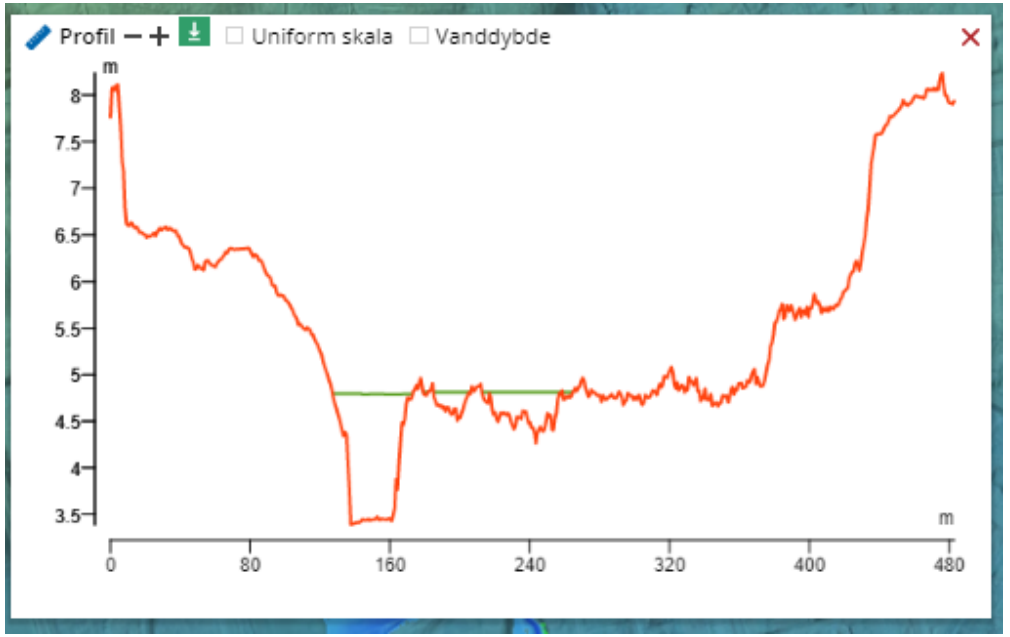

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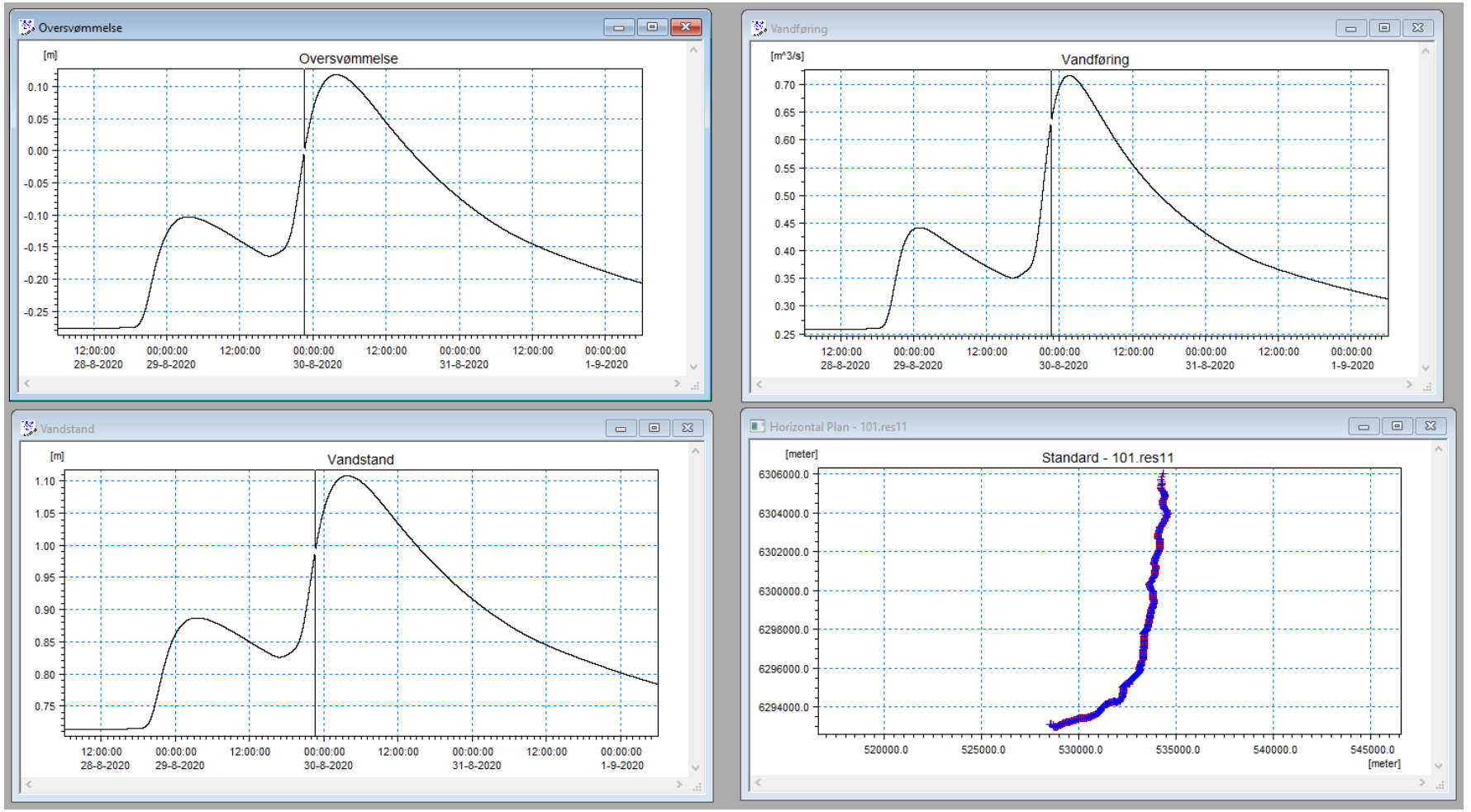
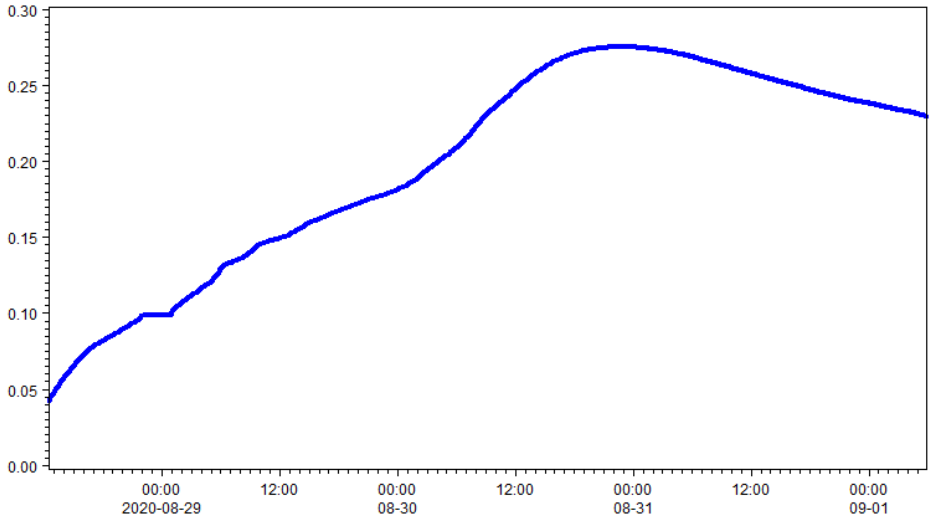
Kritisk vandstand -> kritisk vandføring

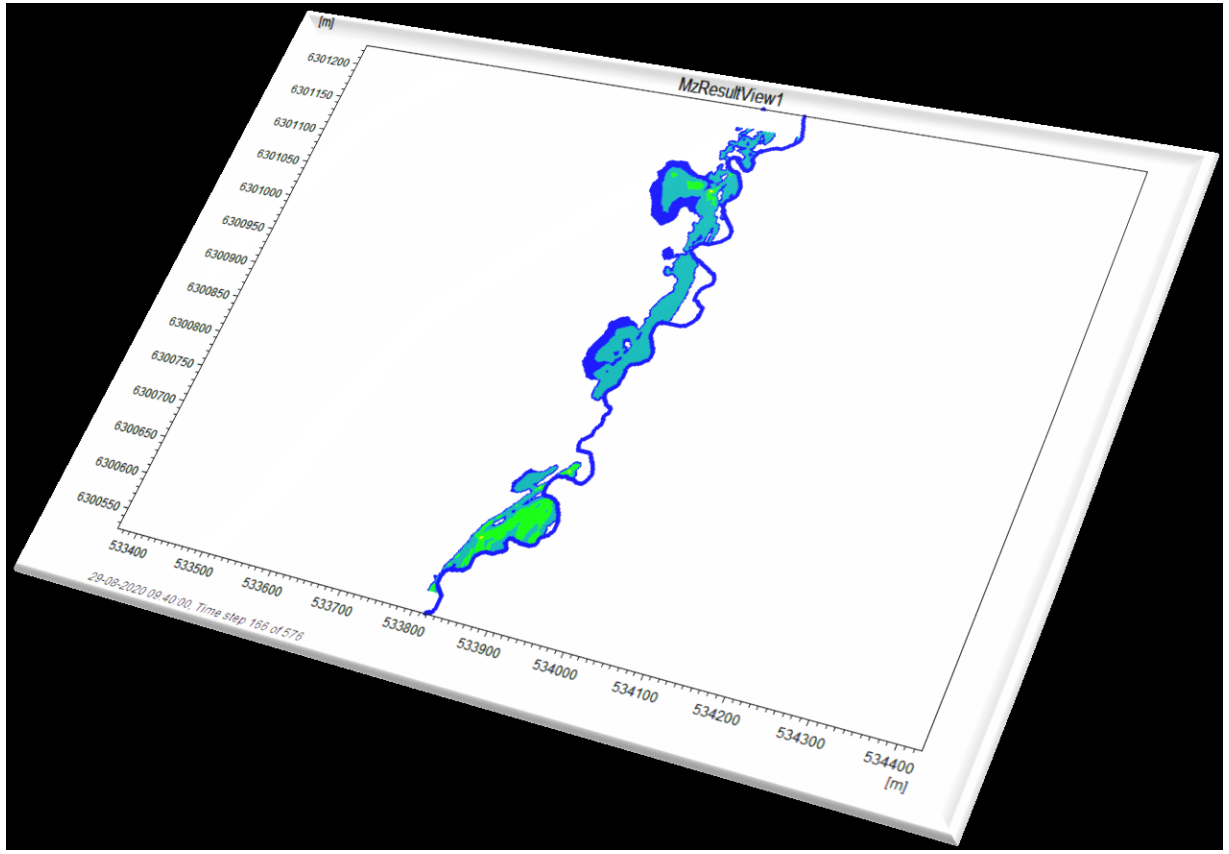


Forsinkelsesbehov

Kapacitetsberegninger af kritiskniveau, evt. VASP, Scalgo, MIKE11, MIKE Flood mm.

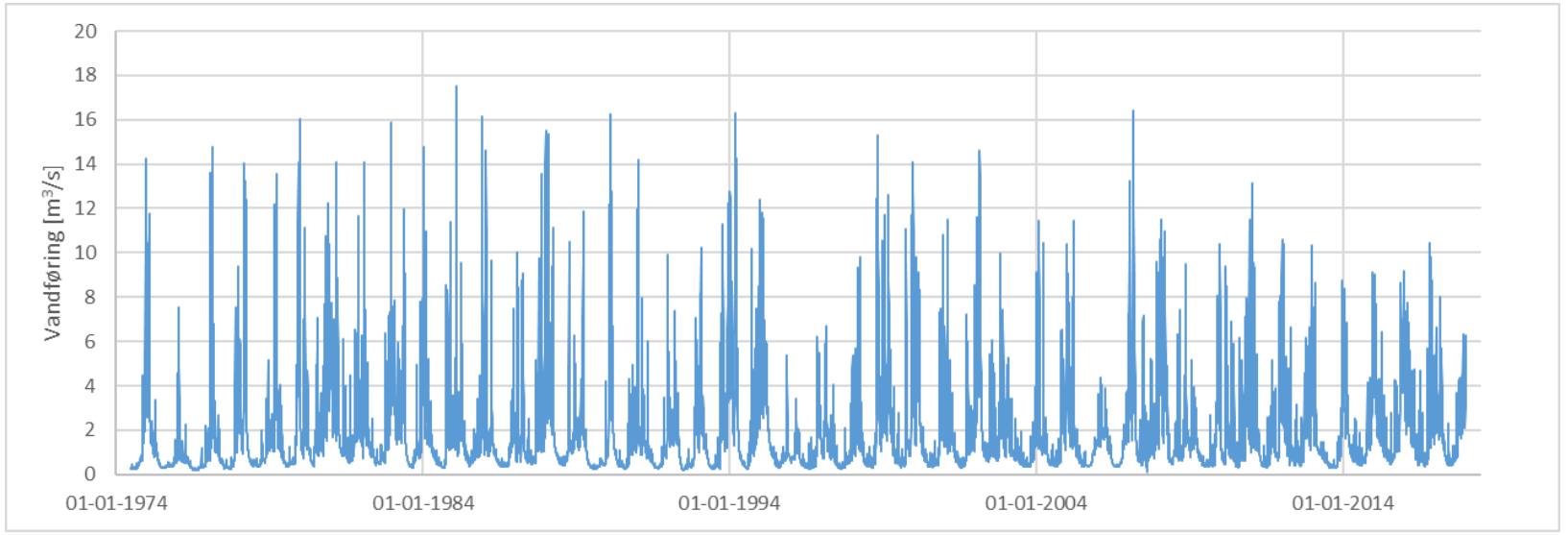
Kritisk vandstand -> kritisk vandføring

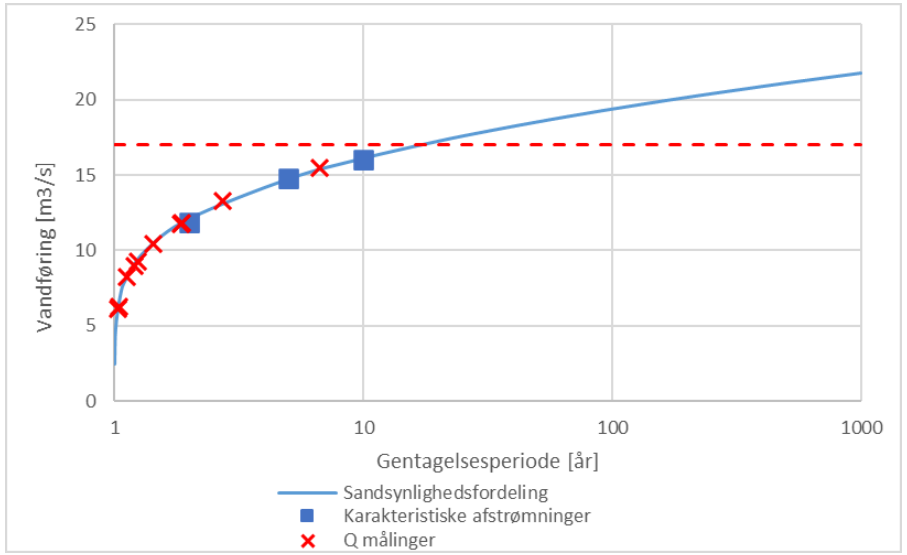


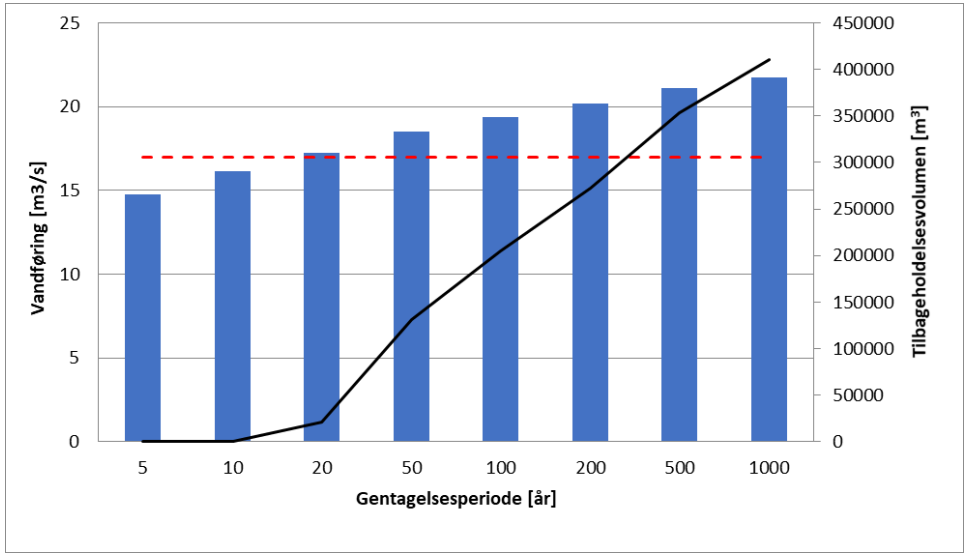


Volumen

Nødvendigt volumen for at reducere vandføring til kritisk vandføring.

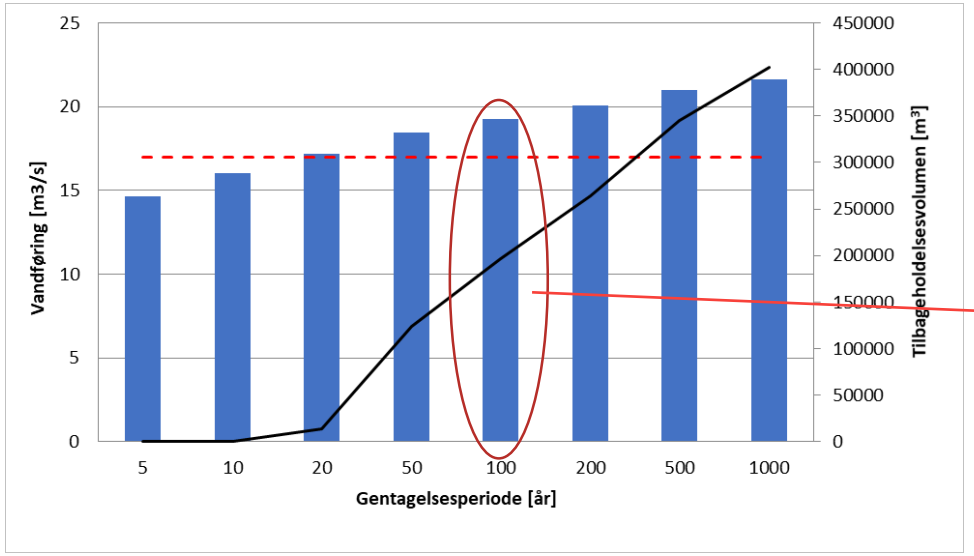


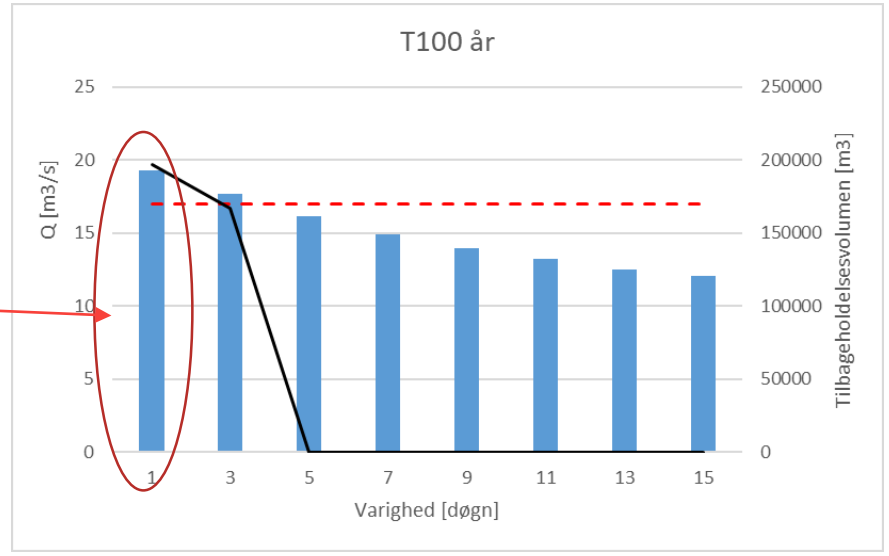


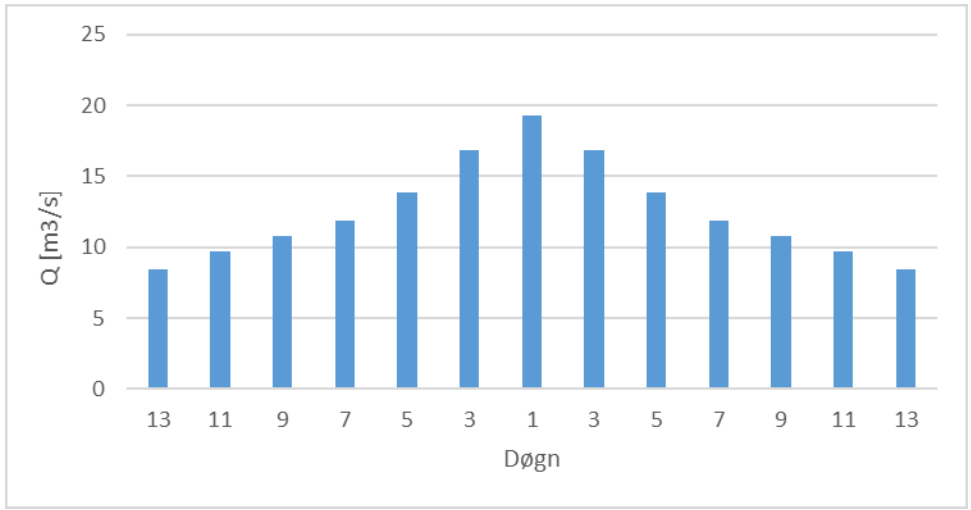


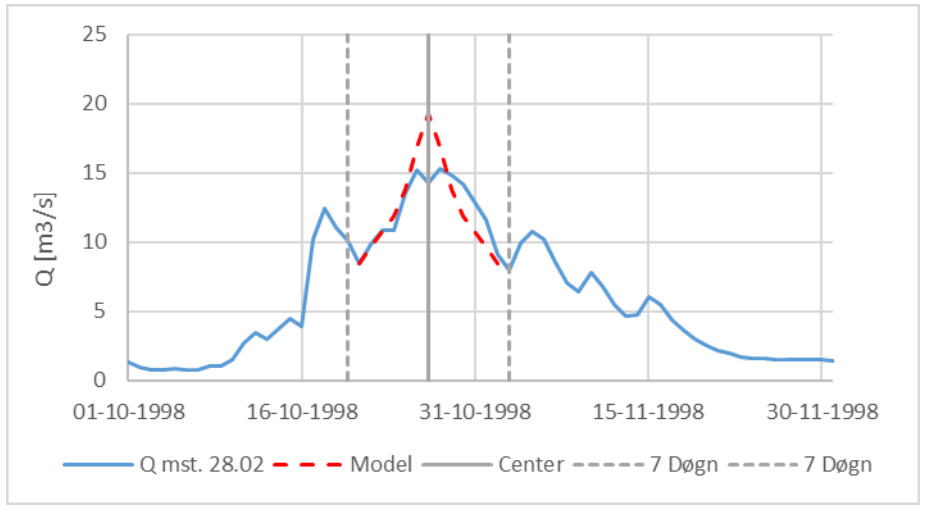
Volumen

Nødvendigt volumen for at reducere vandføring til kritisk vandføring ved sikringsniveau T100



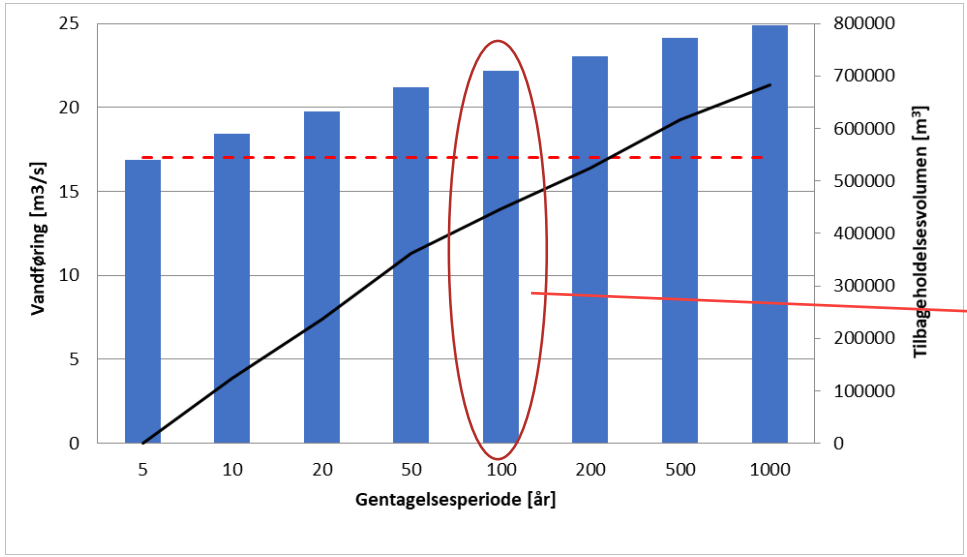


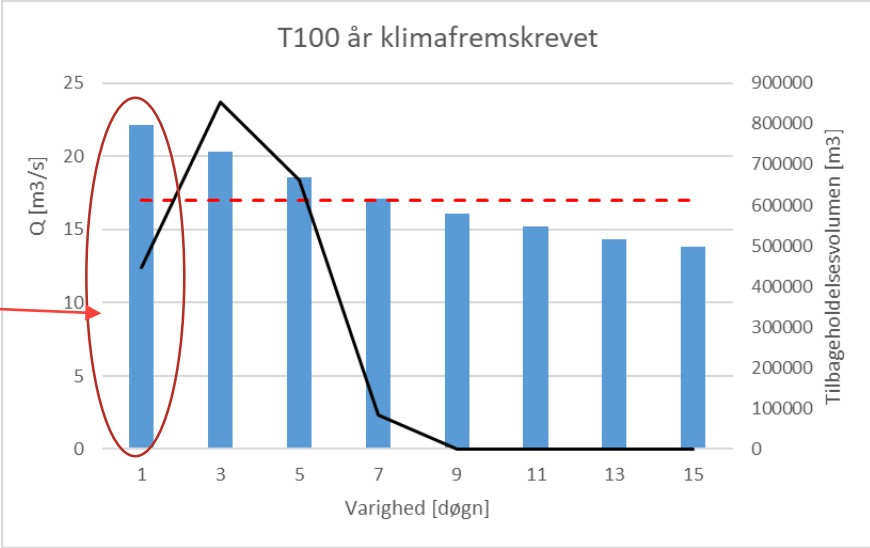


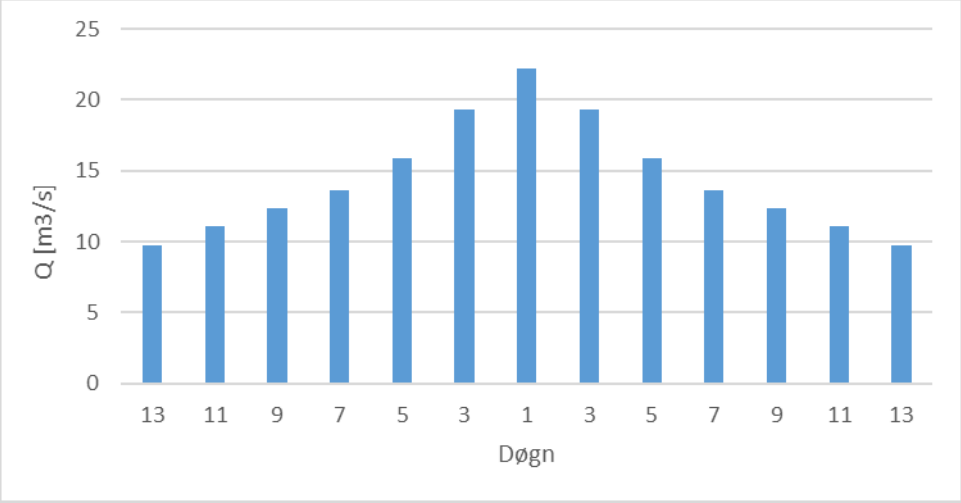


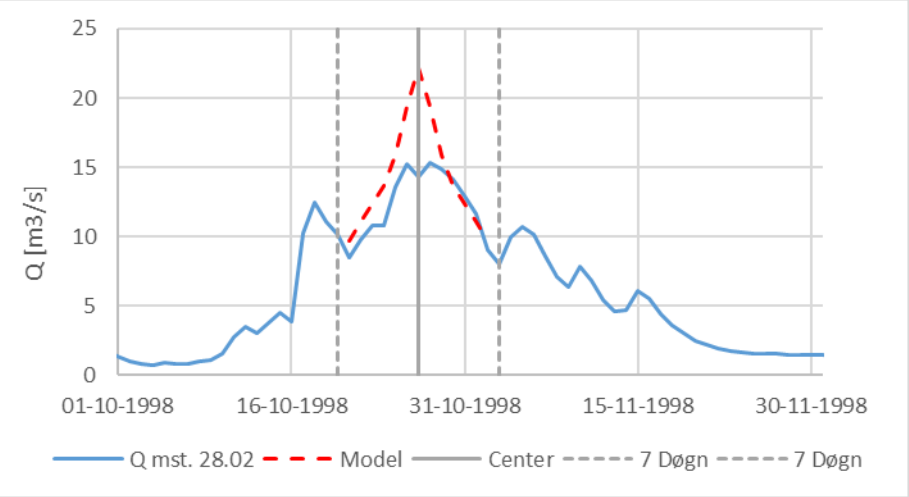
Volumen

Nødvendigt volumen for at reducere vandføring til kritisk vandføring ved sikringsniveau T100 klimafremskrevet

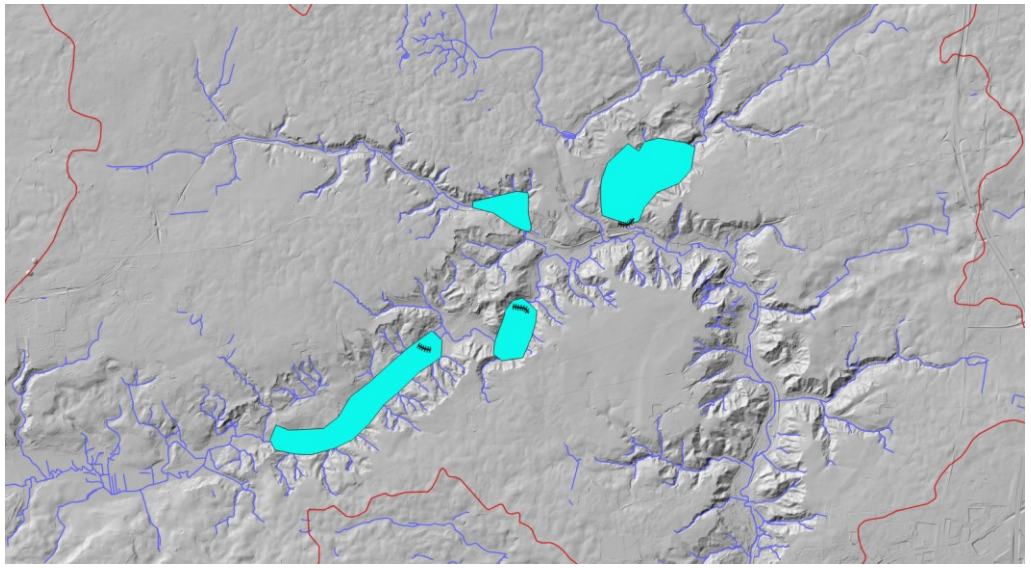


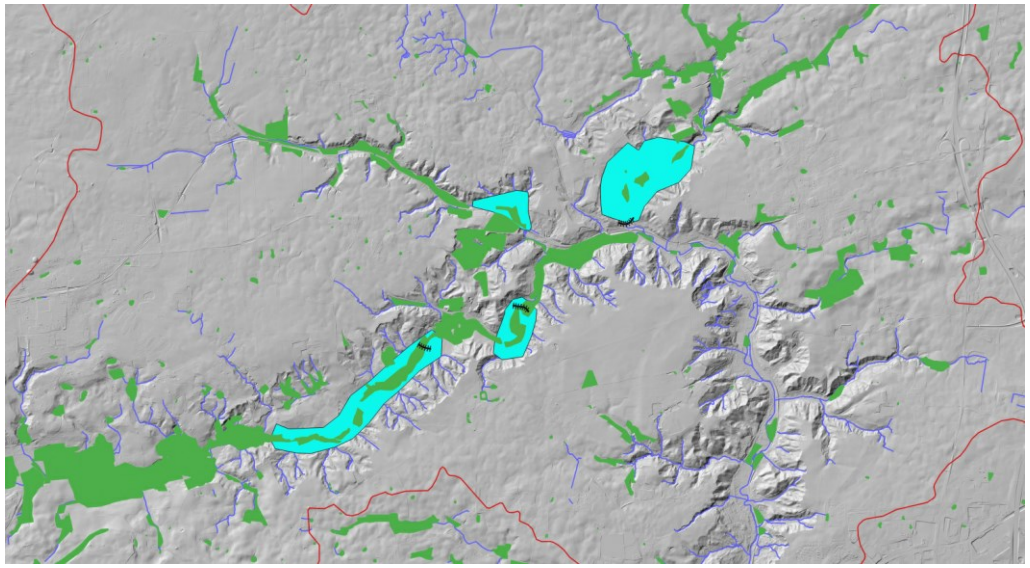


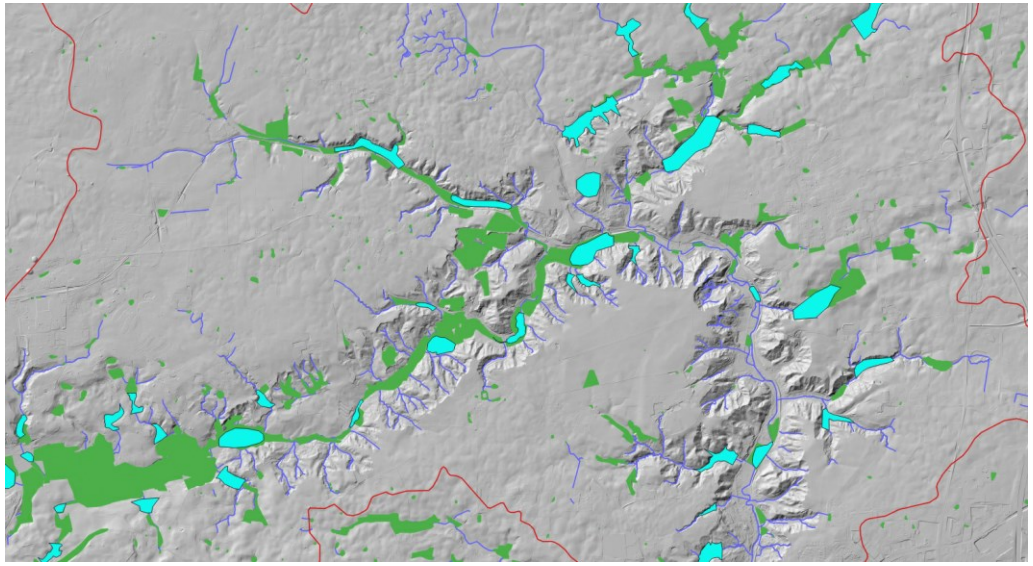


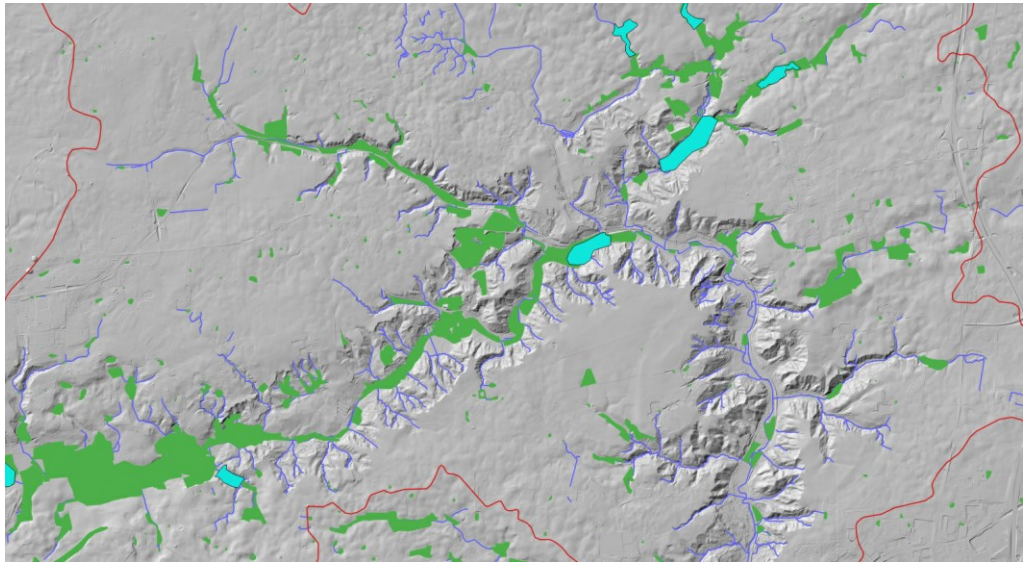


Placering

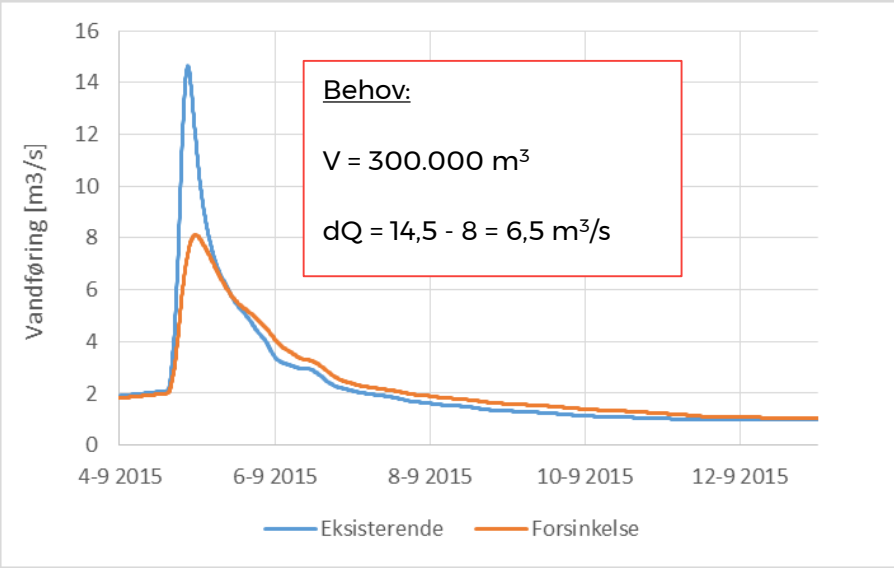








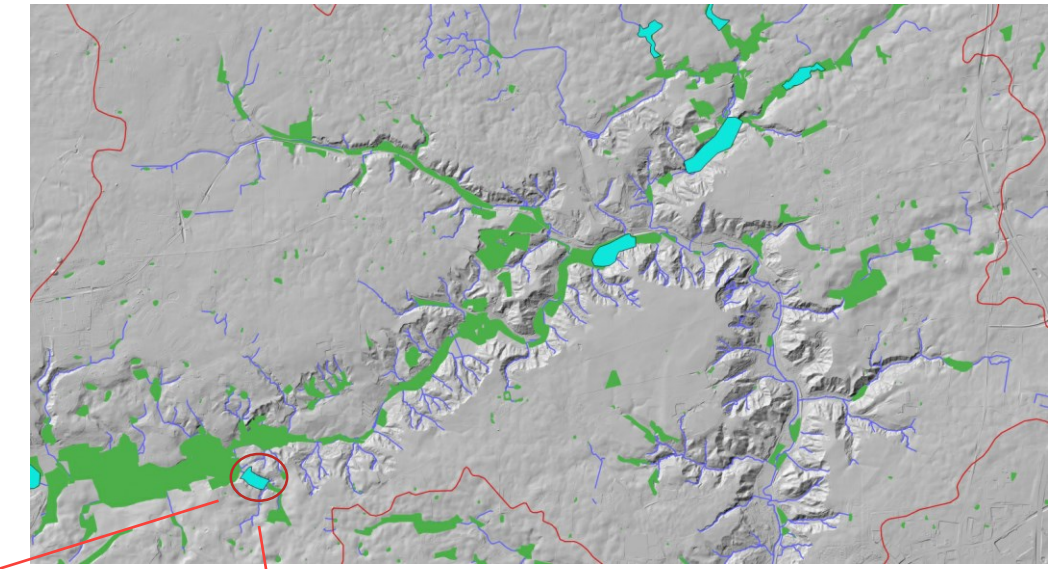
Effekt

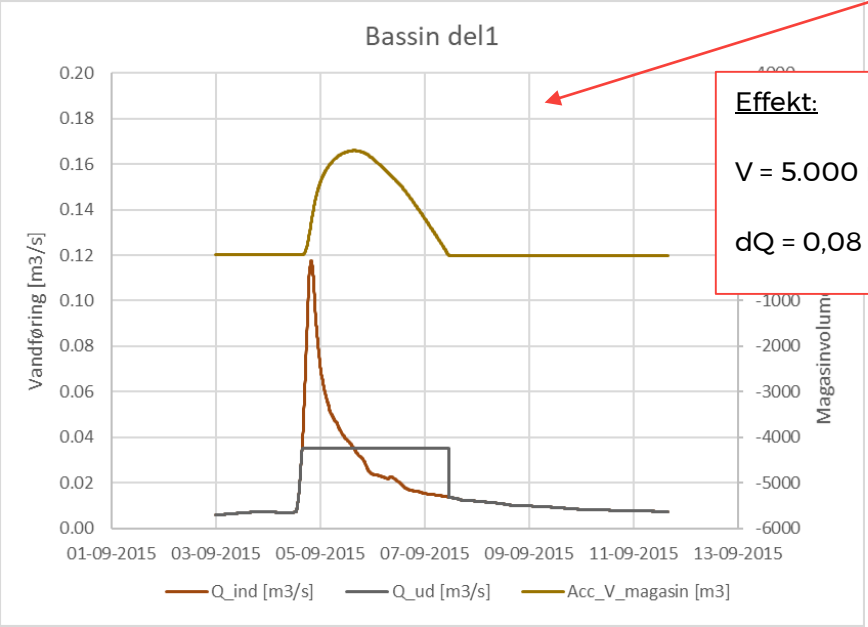


Behov:

V = 300.000 m³

dQ = 14,5 - 8 = 6,5 m³/s

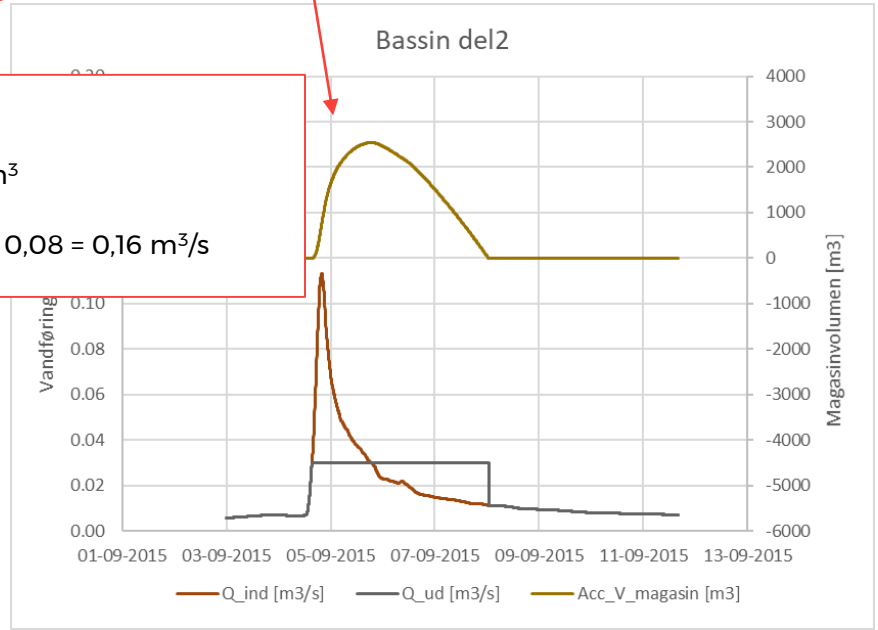




Effekt:

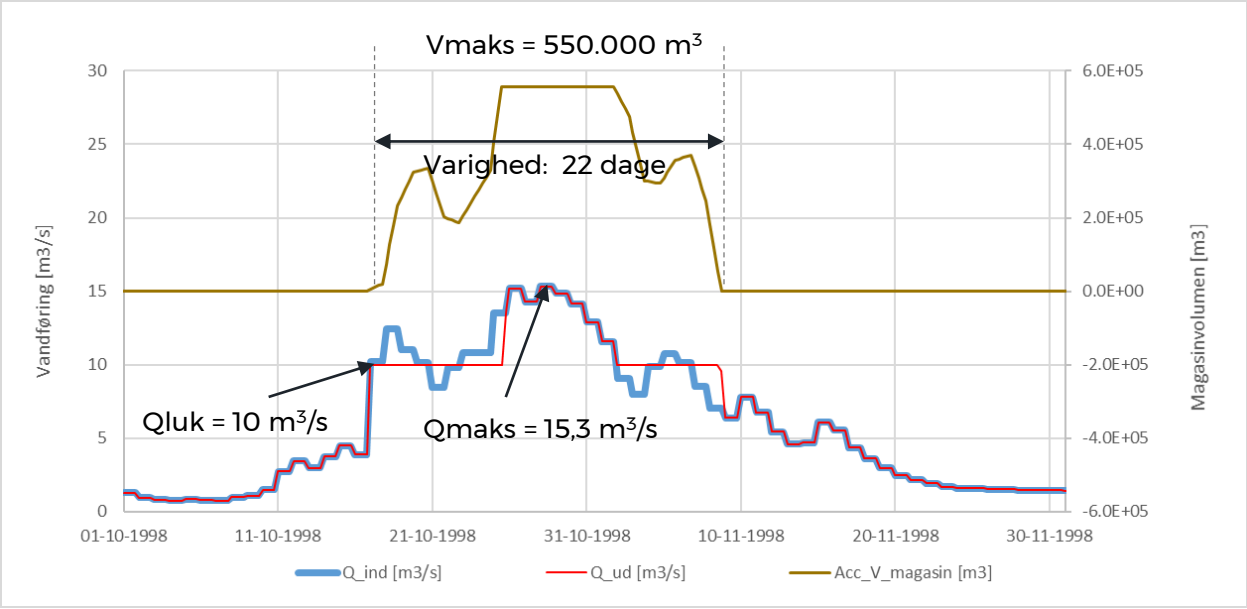
V = 5.000 m³

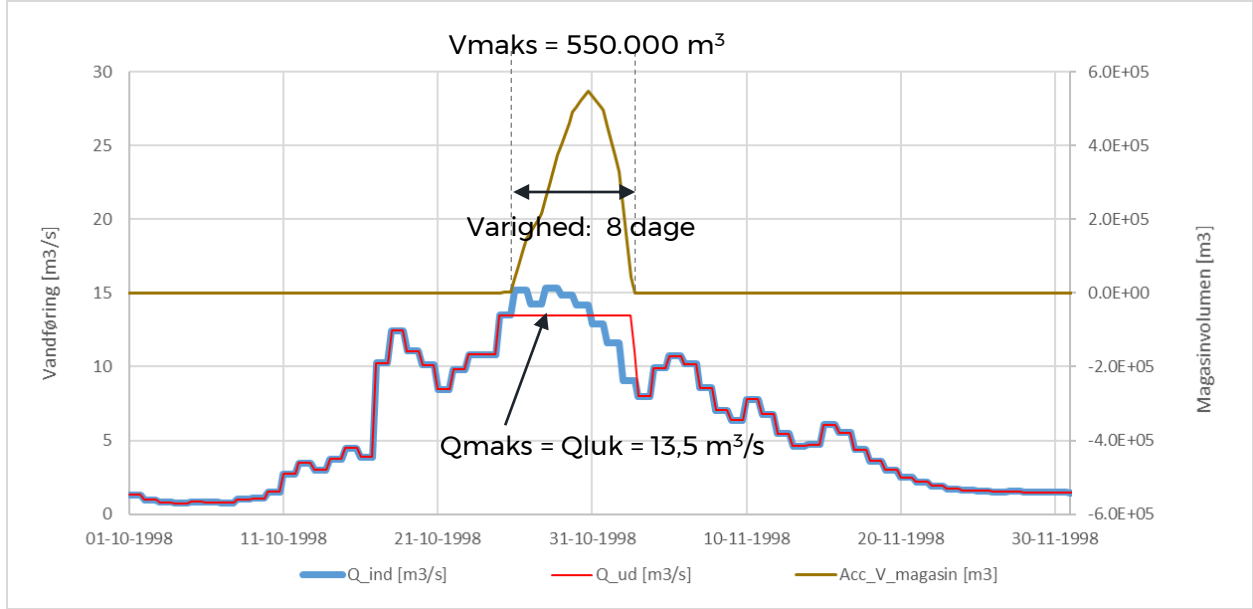
dQ = 0,08 + 0,08 = 0,16 m³/s



Timing

Behov for varsling og styring?

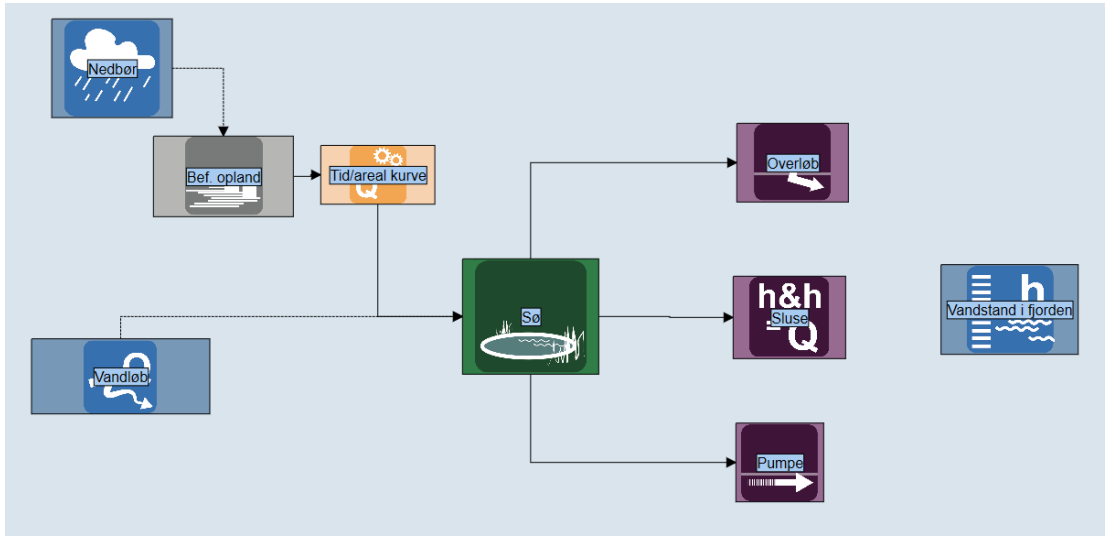


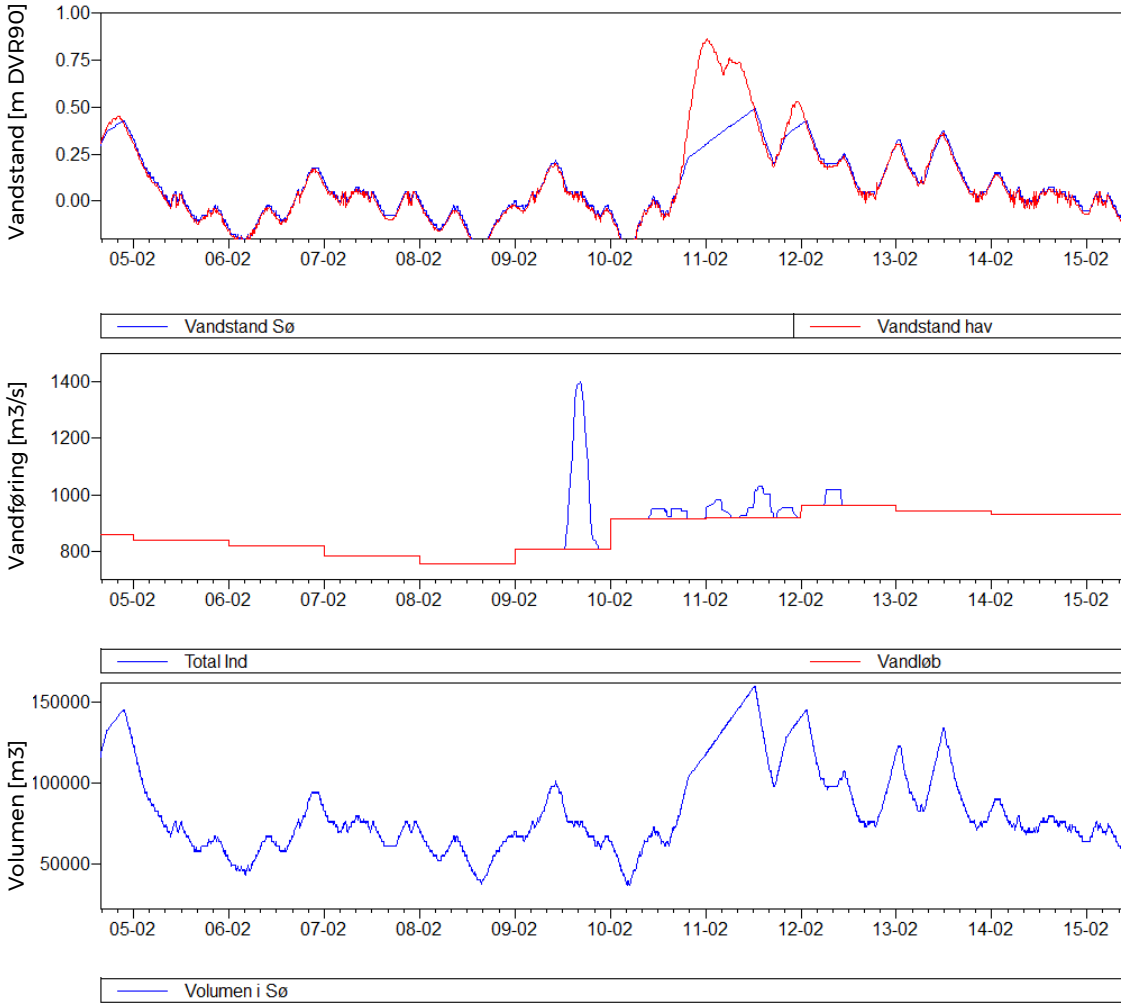


Timing

Behov for styring?

Samtidighed med havvandstand - SUMBA





Behov – Placering – Timing

Thank you

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