

Jan Bronders, Vito & Louise Vanysacker, DeWatergroep

30/11/2018

DRINKWATERPRODUCTIE IN DE BLANKAART VERZEKEREN DOOR BETERE KENNIS VAN HET HYDROLOGISCHE SYSTEEM



WATERBESCHIKBAARHEID EN KWALITEIT

vito

De Watergroep
WATER. VANDAAG EN MORGEN.

WPC DE BLANKAART

Reservoir

- Oppervlakte van 60 ha
- Maximale diepte van 5m



Volume van 3Mm^3

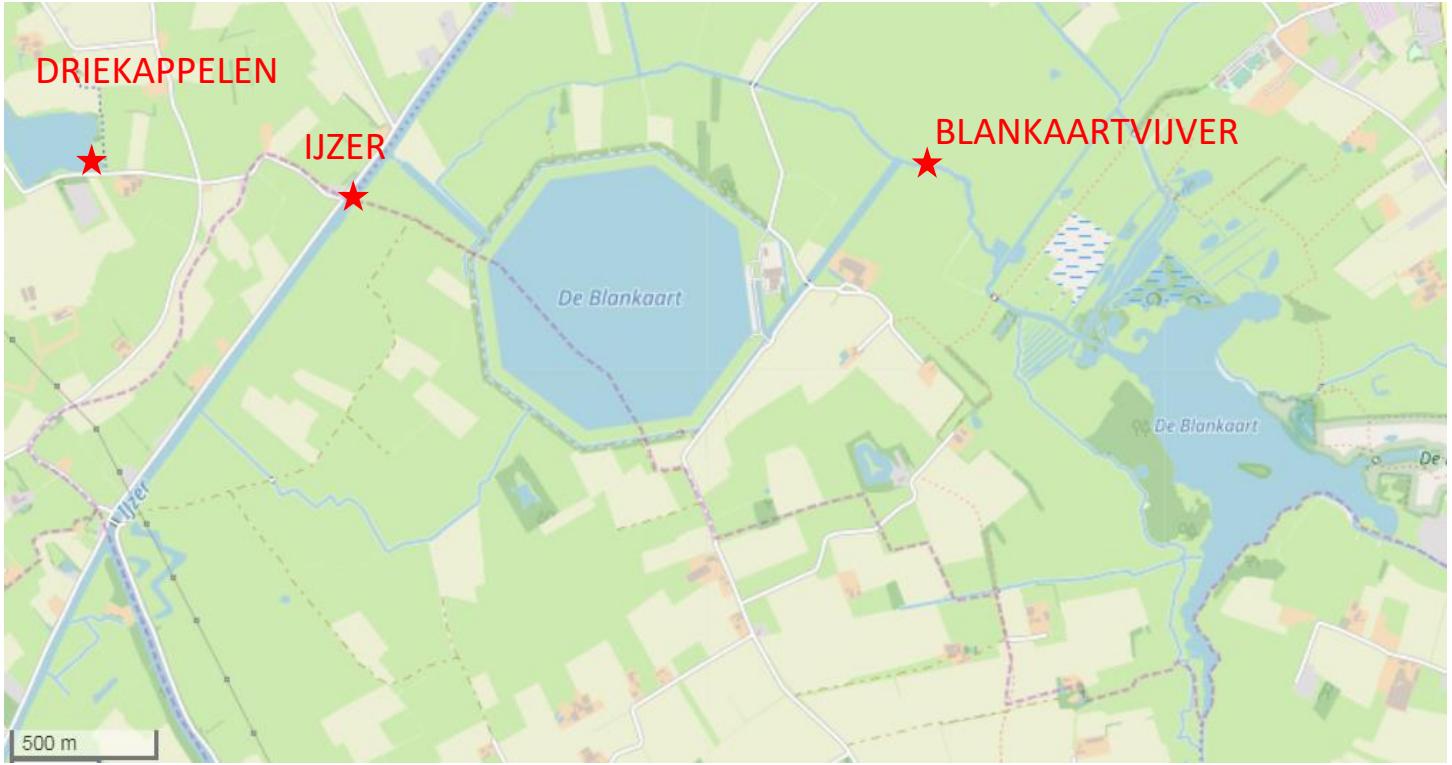


Waarvan slechts
2,4Mm^3 bruikbaar

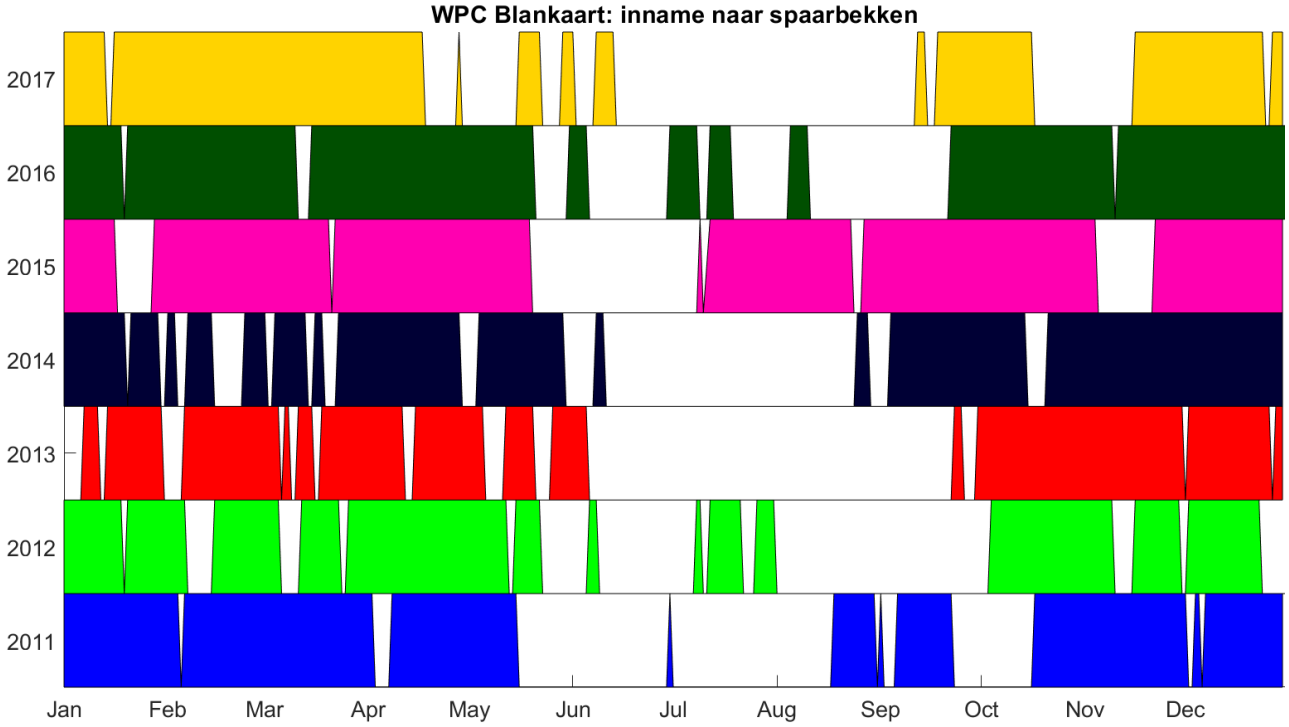
Slechts 60 dagen overbrugbaar aan gewenste productiecapaciteit

Goede kwaliteit aanvoer water extreem belangrijk!

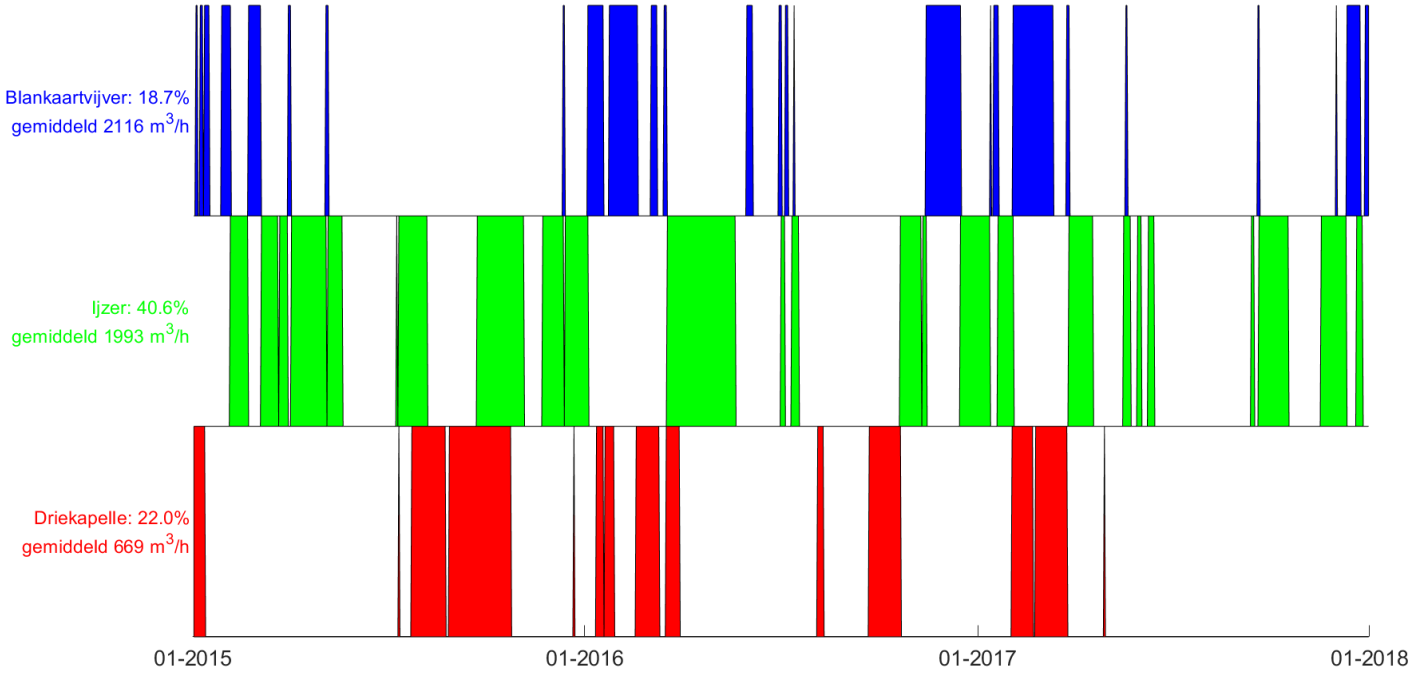
LOCATIES STAALNAMEPUNTEN



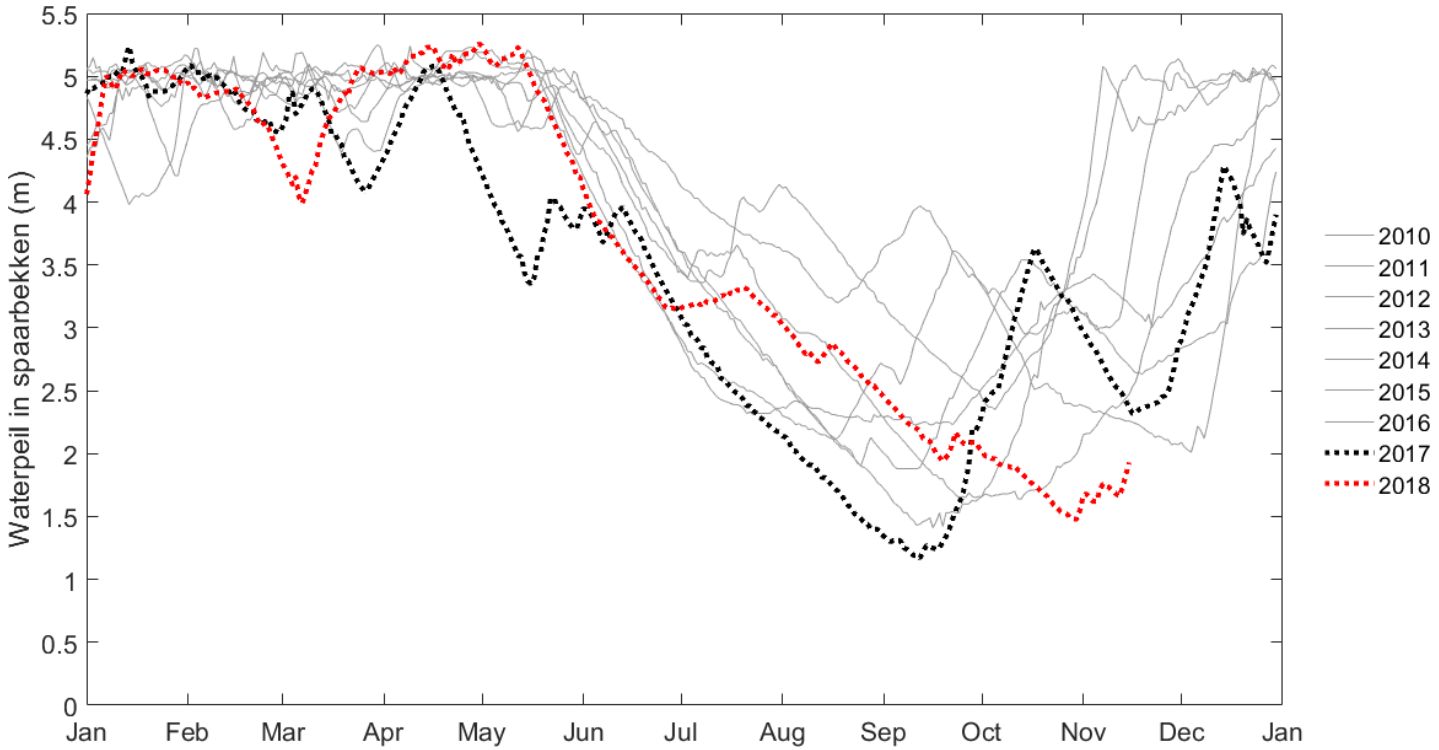
SELECTIEVE, DISCONTINUE INNAME



AANDEEL DRIE MOGELIJKE BRONNEN

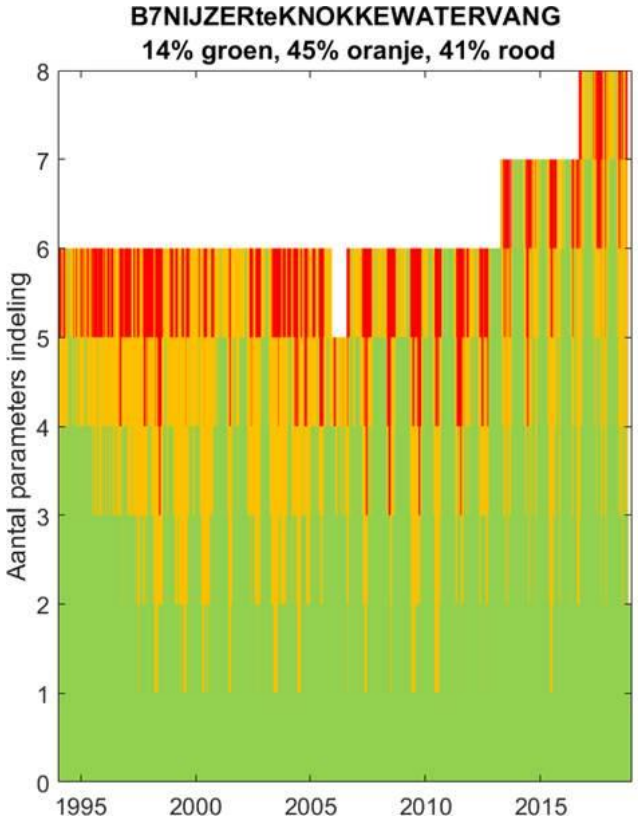


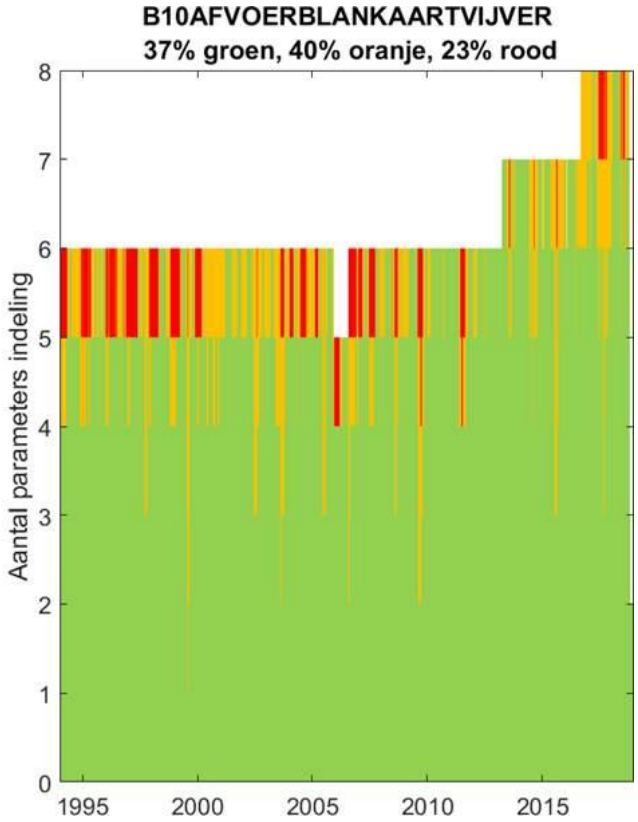
WATERPEIL IN SPAARBEKKEN VAN DE BLANKAART

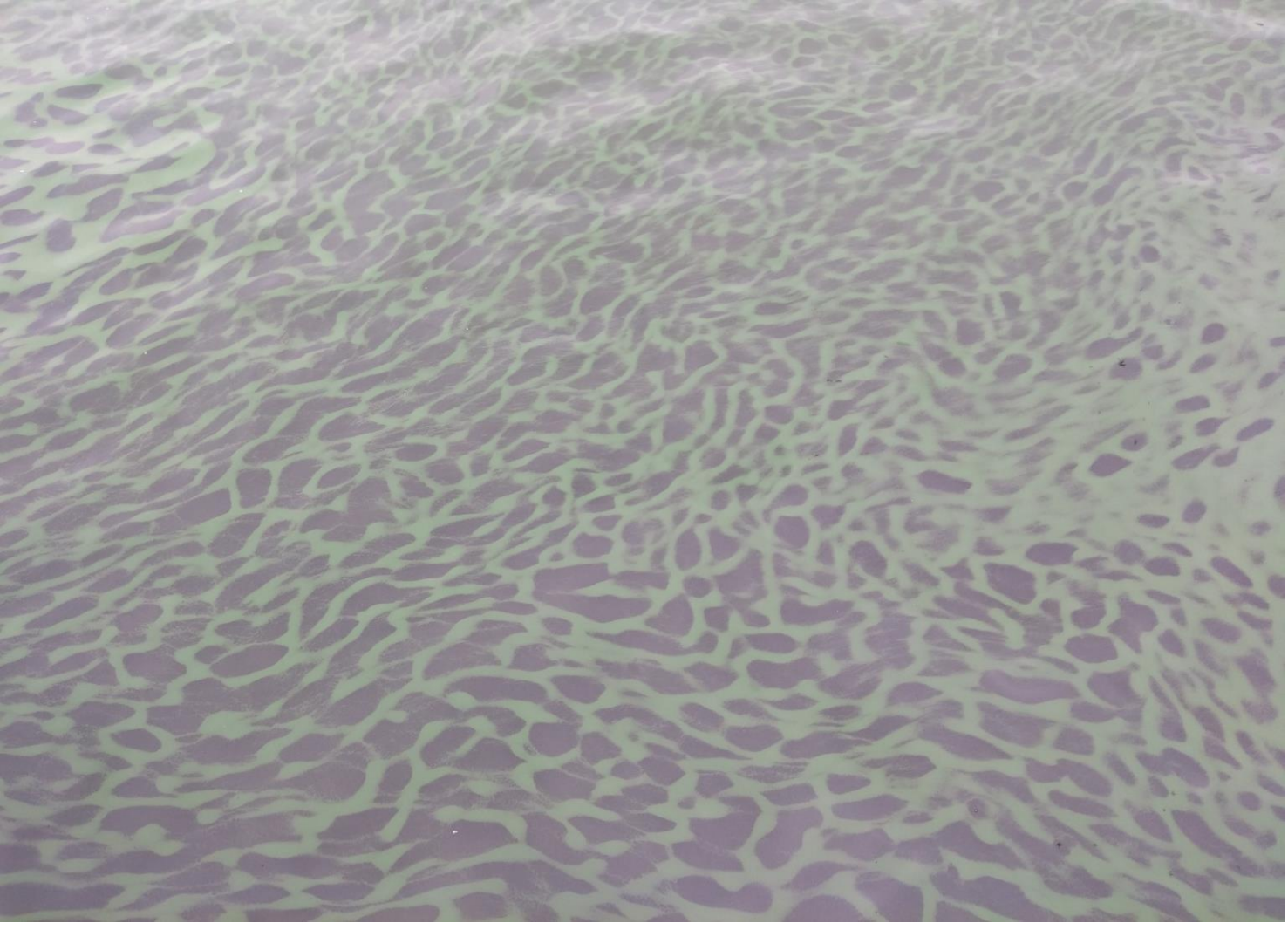


KWALITEIT TER HOOGTE VAN INNAMEPUNTEN

Goed OK, mits nodig en verdunning mogelijk Onaanvaardbaar

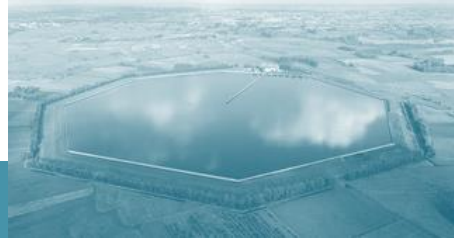




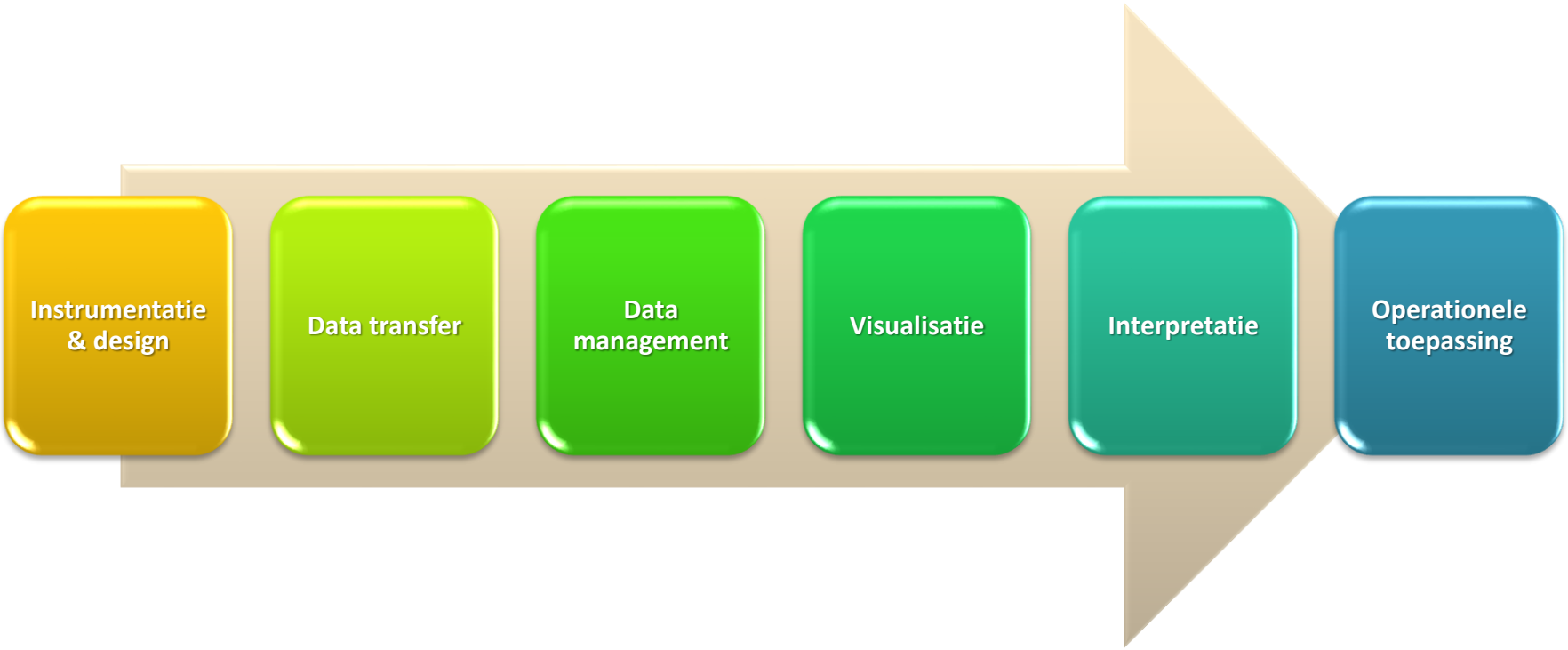




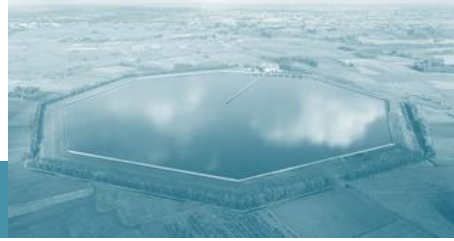
INNOVATIE IN HET WATERBEHEER VAN WPC DE BLANKAART

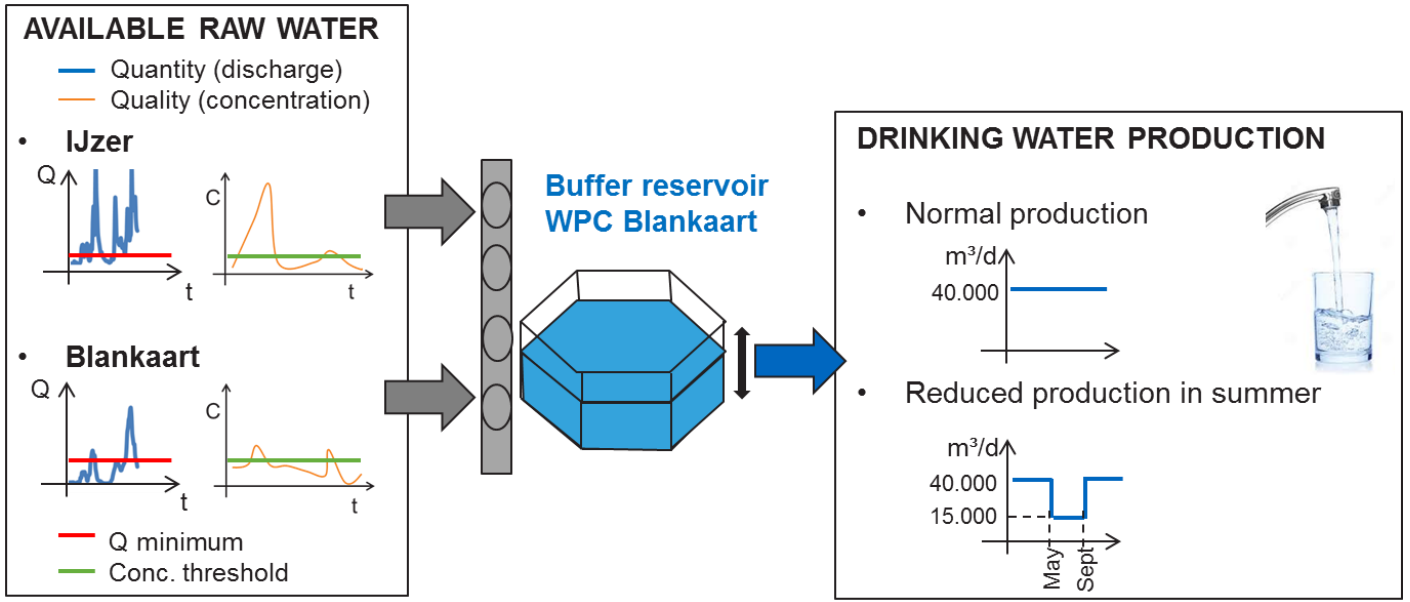


KENNIS VAN HET HYDROLOGISCHE SYSTEEM



SYSTEEM ANALYSE - WATERBESCHIKBAARHEID





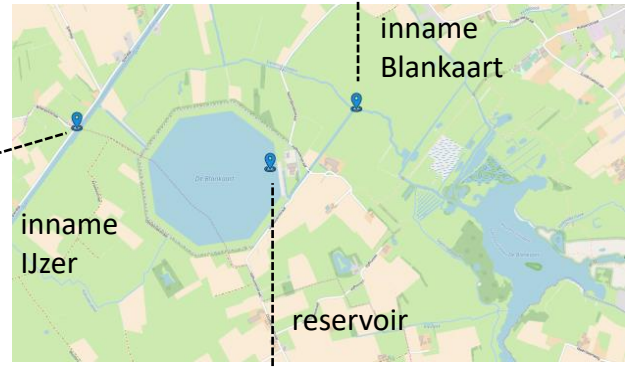
SYSTEEM OPVOLGING - SENSORISCHE METINGEN













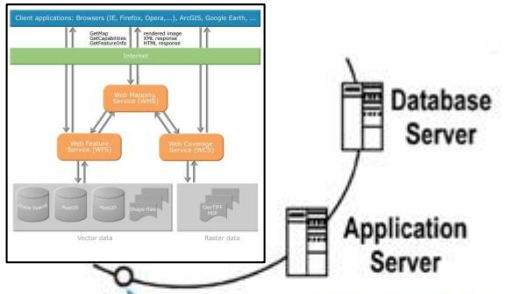


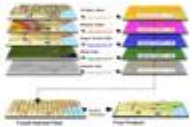
SYSTEEM OPVOLGING - SENSORISCHE METINGEN

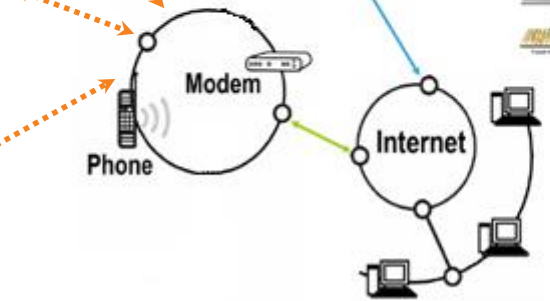








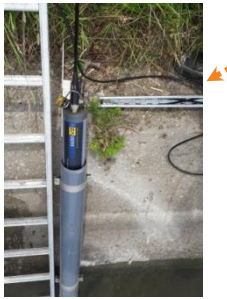


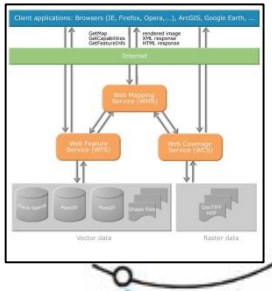


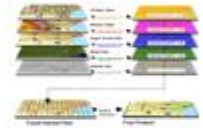
DATAVIEWER - VISUALISATIE VAN METINGEN

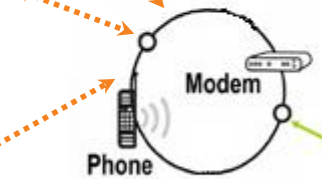






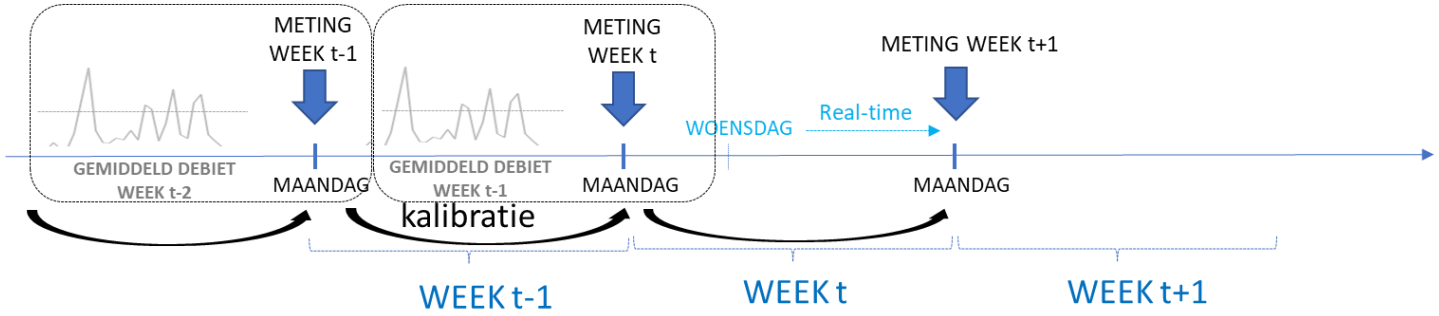


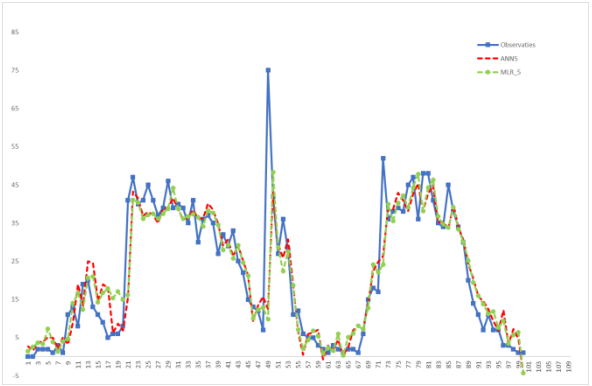




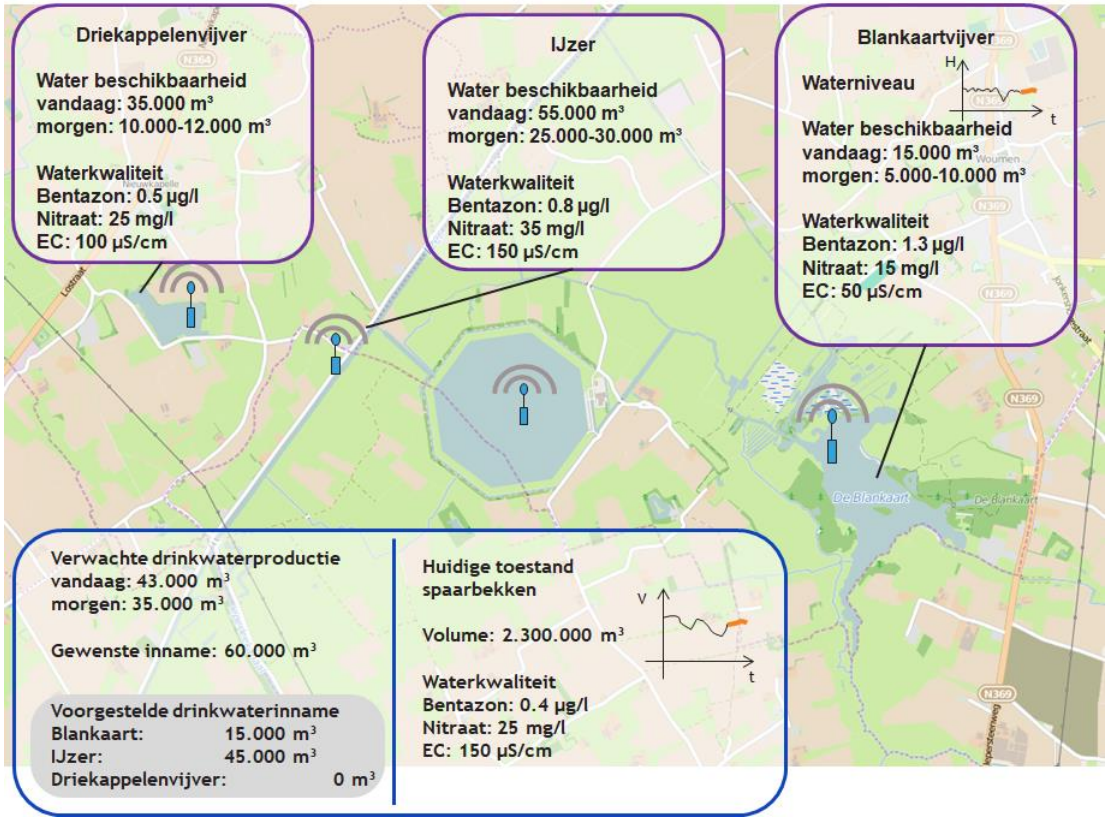


DATA ANALYSE & PREDICTIE





TOEKOMSTPERSPECTIEF = WATER INNAME STRATEGIE



kennis van het hydrologische systeem Vlaanderen

INTERNET OF WATER

Doel: uitbouw basisinfrastructuur waterkwaliteitsmonitoring in Vlaanderen met nieuwste generatie IoT sensoren en bijhorende intelligentie





