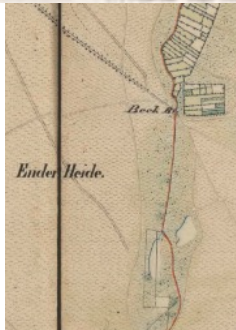


Riparian management led by the landscape

B.J.H.M. Possen

boy.possen@brabantwater.nl

Water can be used...



Water hinders production...

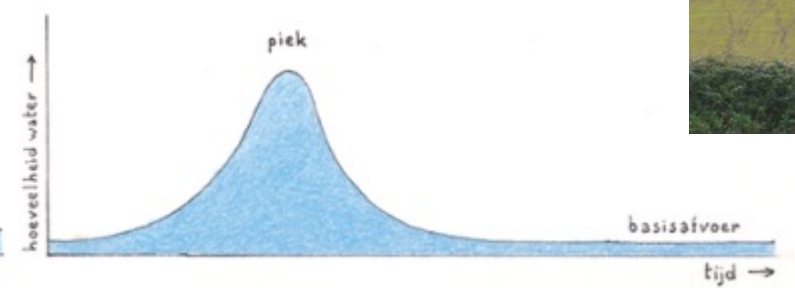
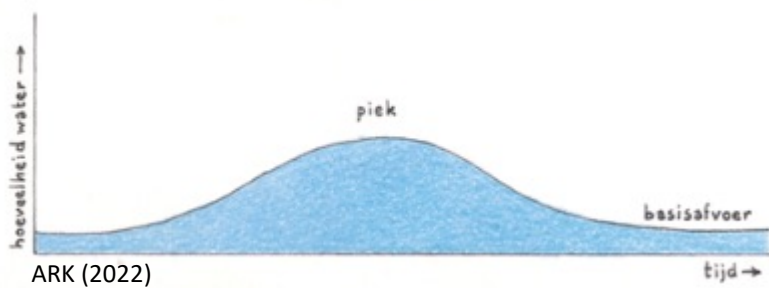
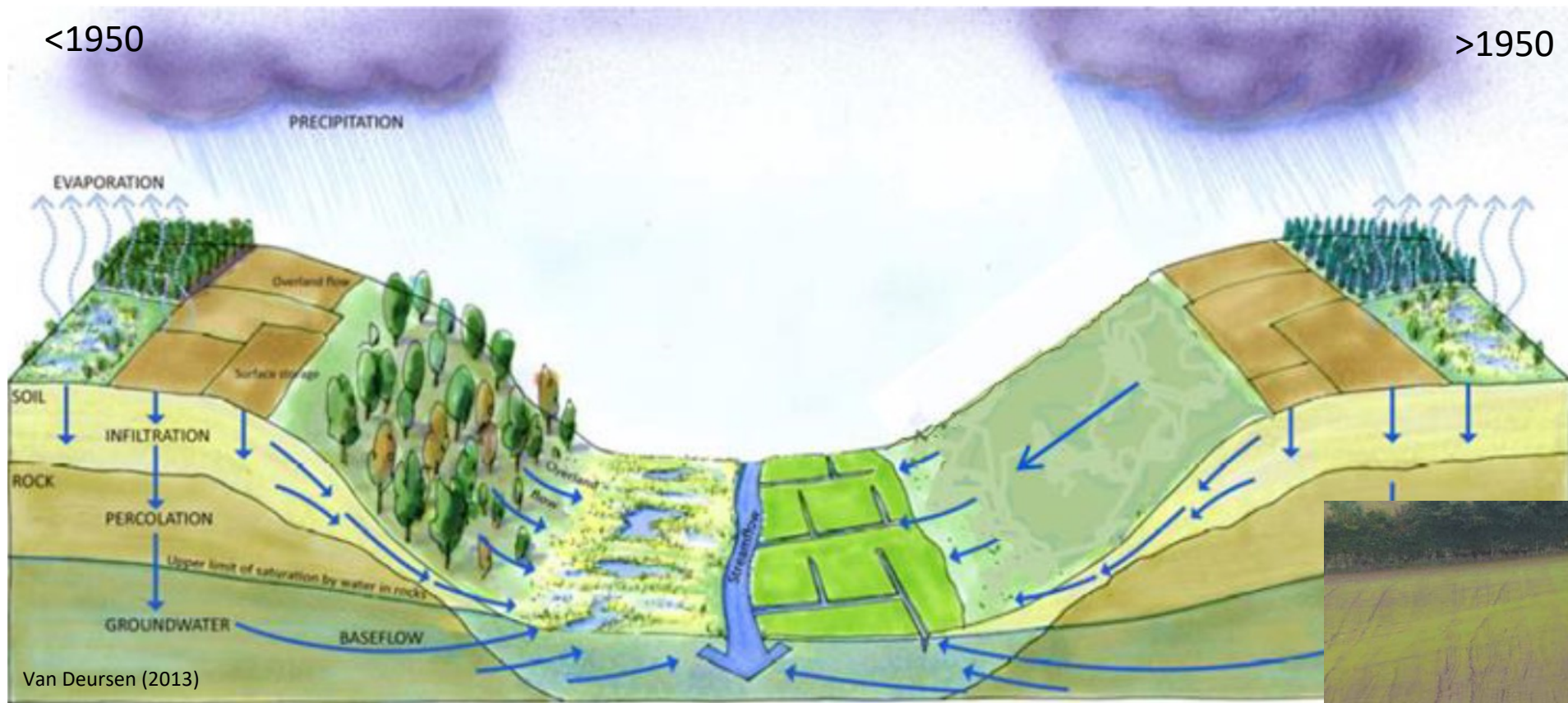


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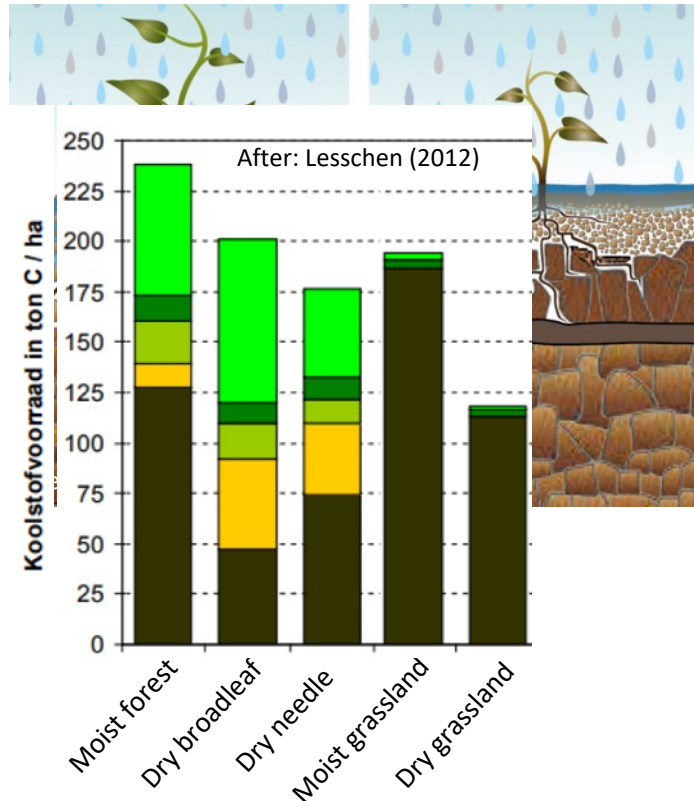
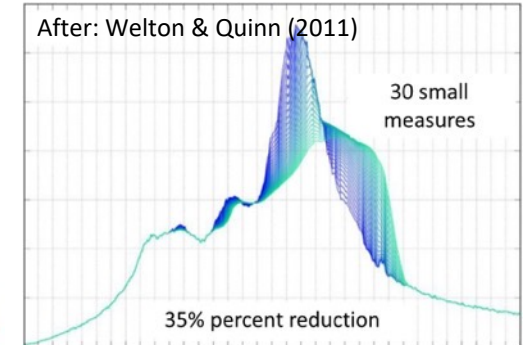
>1950

The result



Benefits of slowing the flow

- Reduction in peak flow
 - Reduction in sediment transport
 - Decreased flood risk
 - Improved water quality
- Increased groundwater recharge (infiltration)
 - Improved groundwater quality
 - Increased biodiversity (more niches)
- Improved carbon fixation



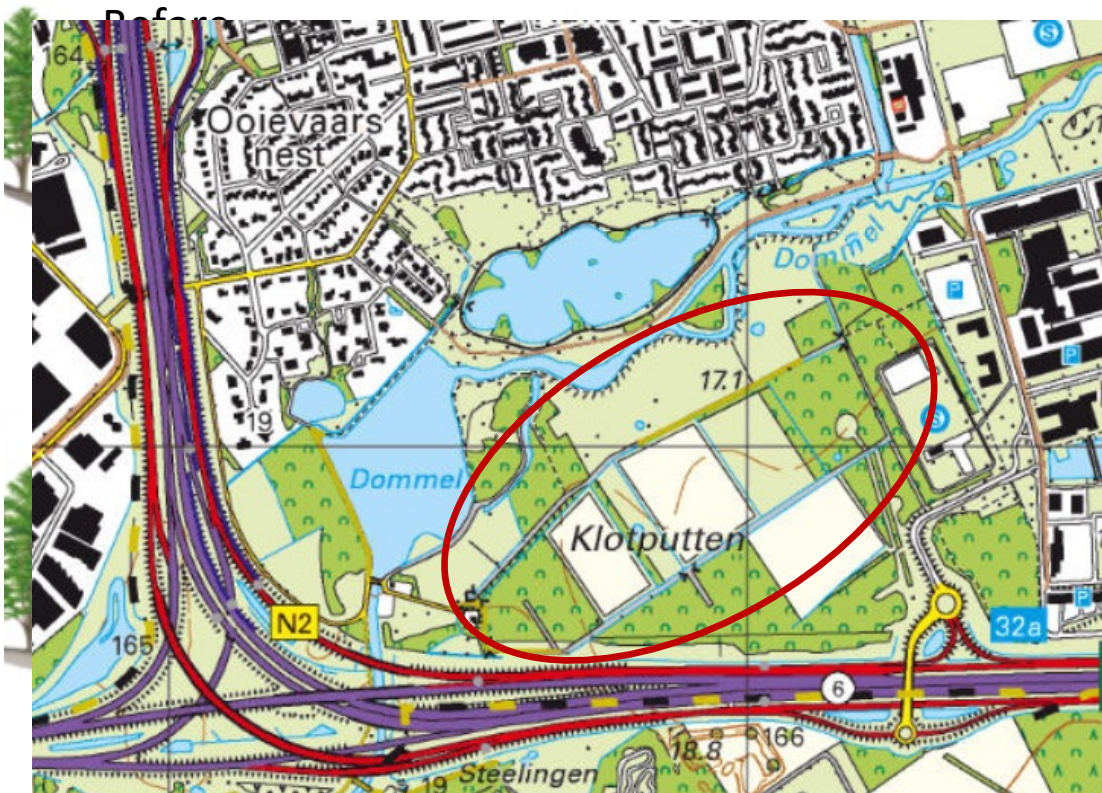
How to slow the flow

Start high, implement measures all over

- Create temporary storage in the stream valley
- Roughening the stream valley flank
- Landuse changes



Klotputten (Eindhoven, Noord-Brabant)



Geelgerande waterkever



grote bonte specht



medauw



alpenwatersalamander