



VERENIGING HET GILDE VAN TUINBAZEN



www.gildevantuinbazen.nl



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Park Glorieux
Eindhoven,
anno 1912





- Since 1912: Congregation of the Sisters of Mercy
- Now a home for 140 elderly people



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12 hectares

- perennials
- hedges
- kitchen garden
- ponds and waterways
- lawns
- forest



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Headgardener
Harrie Theunissen



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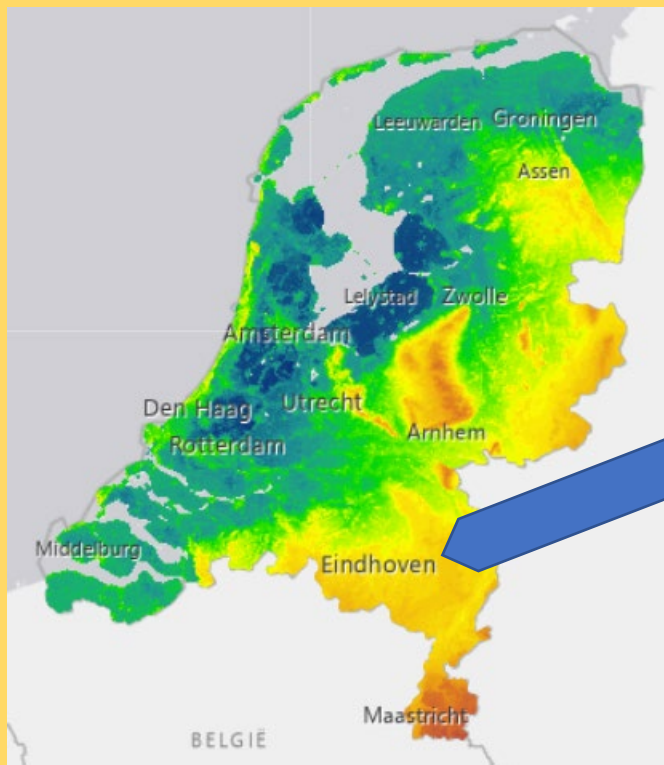
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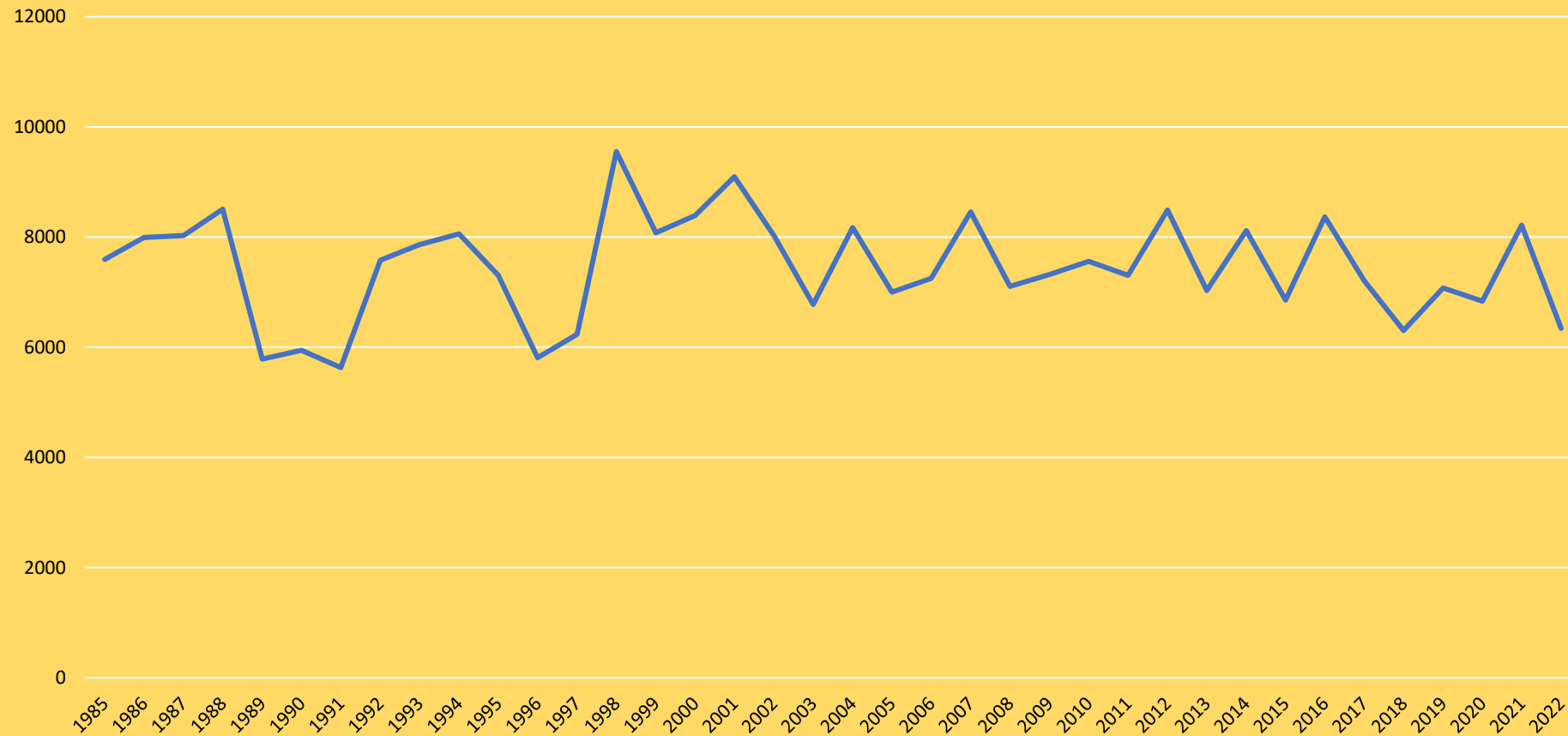
Altitude 20-22 m



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Average yearly rainfall



ROYAL NETHERLANDS METEOROLOGICAL INSTITUTE



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Problems at park Glorieux:

- Water was not kept in but...
- As quick as possible, brought out
- Leafes were removed to make compost (?)
- Bad growth of everything
- In summertime drought
- Low biodiversity



Solutions:

Excavators, 3 months long, made

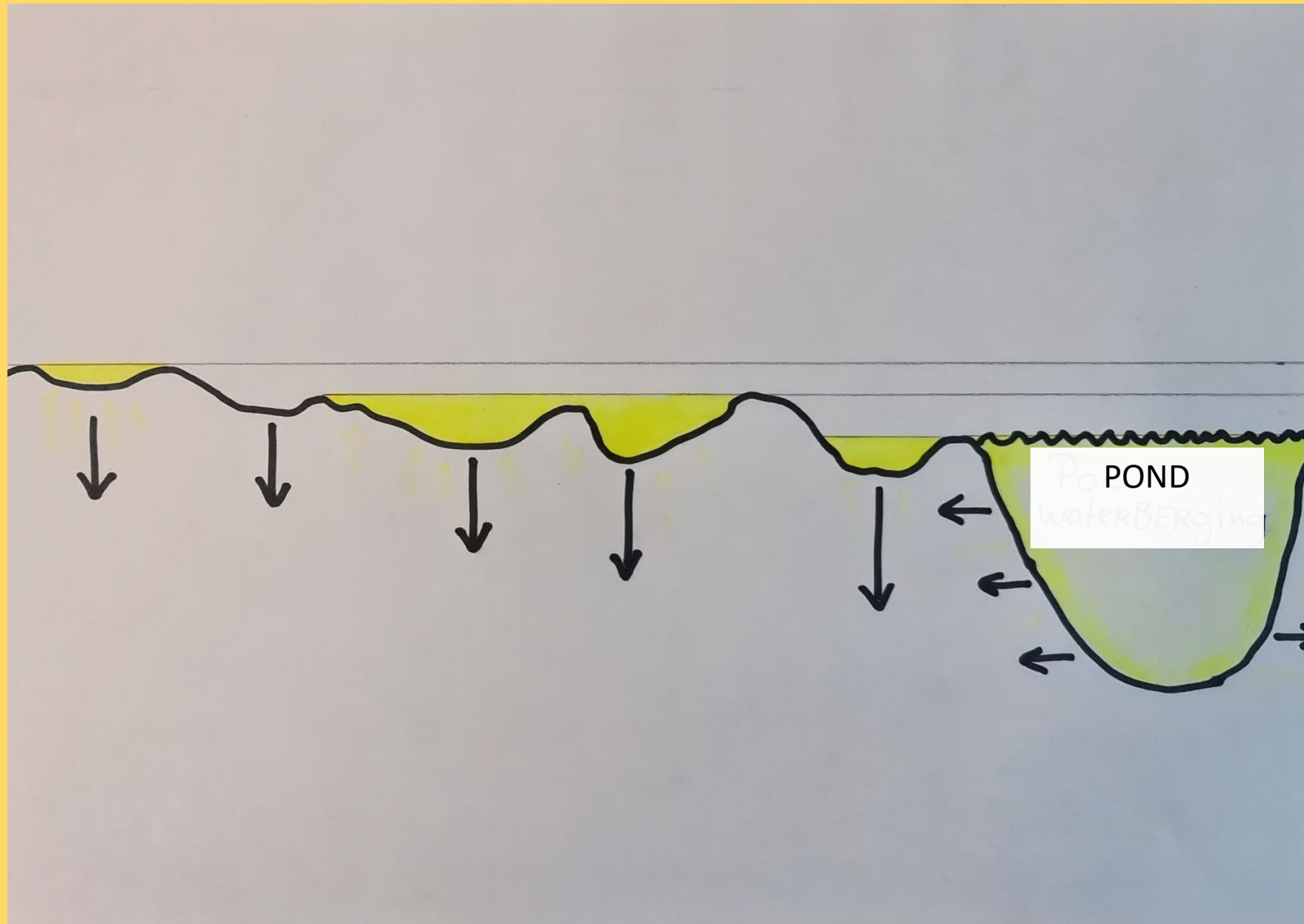
- Holes
- Didges
- Ponds
- Water away from paths and roads

Keep organic where it is

Tell and spread your ideas



20 cm



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Warning

These pictures are taken in winter, last year summers were really dry



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Water away from the paths
into small holes

(and lower your garden beds,
no raised beds)





The soil as reservoir



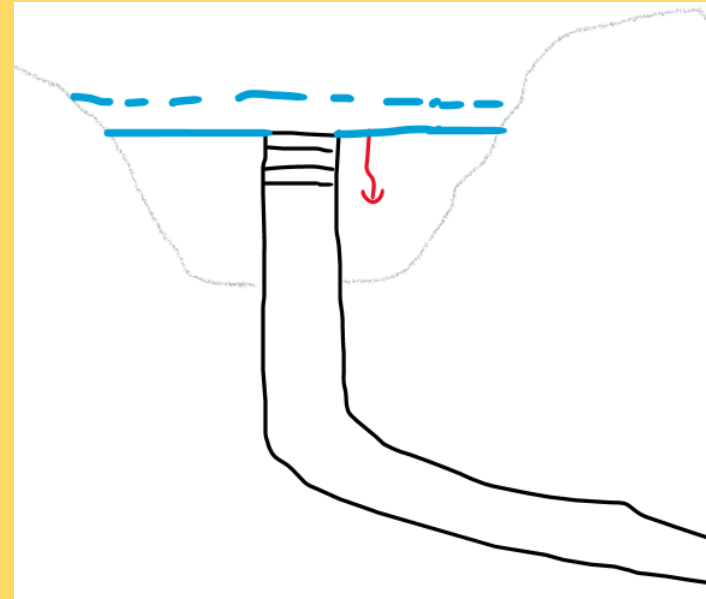
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Undeep didge
where water still
can infiltrate
before ending in
a pond





Water level management:
centimeter by centimeter



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Organic matter (leaves) are very important to save water and organisms that live in the soil



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Leaves keep the soil moist,
less evaporation



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Leafes under a tree are never to be removed.
No mowing under the tree



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SOAK!



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SOAK!



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SOAK!



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Build a
reservoir in
winter



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When the soil is moist, a little bit of rain helps. If the soil is dry, every raindrop will run off





Groundwater level is about 30 cm higher than when Harrie started 7 years ago
Now it is about the same level as in 1950



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No organic matter leaves the estate. All around the estate are heaps of wood, branches and leafes, so not much transport needed. The biodiversity in these heaps are enormous.





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Dutch
headgardeners
listening to Harries
watermanagement



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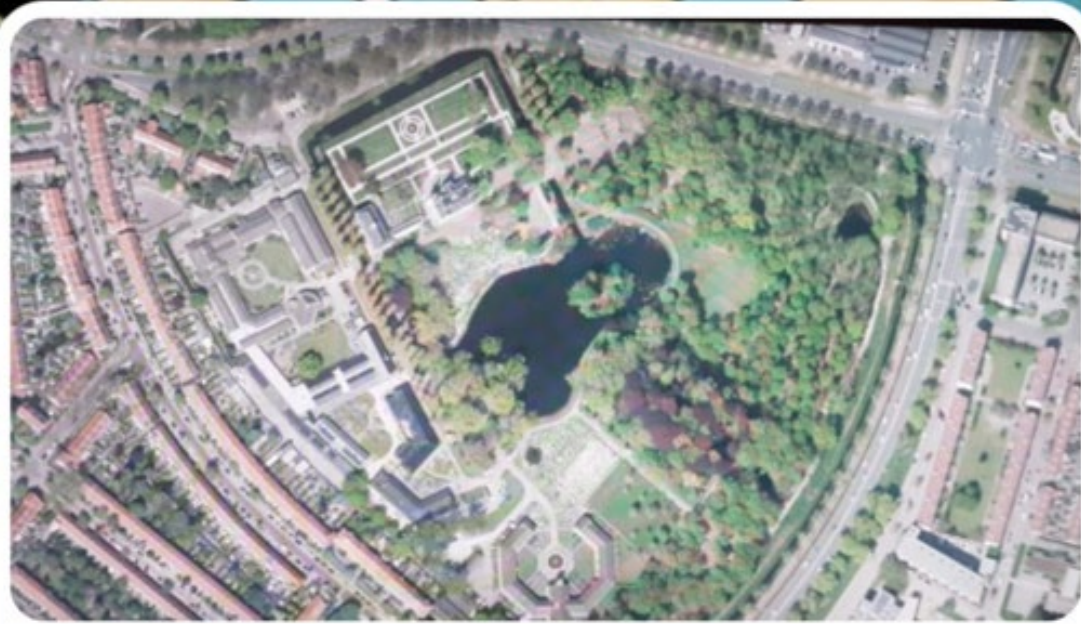
Did it work?

Yes!



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En 2016.

21:31



Glorieux 2020.

21:30

NBAZEN



- Stay at your estate as long as possible so you will get to know your “chesspieces”
- Be curious, (re)search for new solutions
- **Keep the water in, moisten your soil (start in the winter)**
- Do not waste any organic materials
- Love all animals as well, increase your biodiversity
- Tell your story! (to the councils, to the children, to students, to anyone)





Harries office



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White smoke for
climate change
solutions



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