MAKING A MEASUREMENT PLAN

Measurement names

1. Thanking the river
2. Metadata
3. Surroundings
4. Smell and colour
5. Clarity and depth
6. Width
7. River flow
8. Presence of bacteria
9. Sensors (pH, temperature, dissolved minerals (EC))
10. Measuring strips (ammonium, nitrate, hardness, pH, alkality, chloride, phosphate)
11. Phosphate
12. Plant coverage
13. Dragonflies
14. Plastic

DR Basic (measurements 1 - 4)

This contains measurements that are really easy to perform and don't take a lot of time. It gives some information on the (human) influence of the surroundings on the water. Everyone performs this module but it can be extended with the other modules below. Note that this means you perform both DR Basic **and** the other module.

DR Basic +Tracers (measurements 1 - 11)

For the tracer module we add measurements that give a lot more information on characteristics of the river that can be used to "trace" the health of the river. Some measurements in this module research the minerals and substances (dissolved) in the water, while other provide information on the physical properties and appearance of the river.

DR Basic +Ecology (measurement 1 - 7 + 9 - 12 + 14)

For the ecology module we add all the measurements that research the presence of flora and fauna in the river. A healthy ecological system is indicated by a variety of plants and animals that complement each other and where not one species is dominant.

DR Basic +SDG6 (measurement 1 - 7 + 9 - 11 + 13)

In Sustainable Development Goal 6 (SDG6), the United Nations have promised to ensure availability and sustainable management of water and sanitation for all by 2030. The measurements for the SDG6 module can help to monitor whether or not our water resources are managed sustainably.

DR All in! (measurement 1 - 14)

For the DR All in module you perform all the measurements indicated above. This will give you the most complete picture of the health of your water.