

Why iFLUX?

- By **post-processing** and combining
- flux sensors.



About iFLUX?

iFLUX aims to improve groundwater management by giving this invisible resource visibility. By combining and analysing real-time data, iFLUX delivers crucial information to authorities, environmental consultants and industries on how to manage groundwater.

iFLUX is a spin-off company of the Flemish Research and Technology Organization (VITO) and the University of Antwerp. For many years dr. Goedele Verreydt, a well-known groundwater monitoring expert, managed several research and development projects that ultimately led to the creation of the unique iFLUX technology.

Are you interested in more information?

Let's meet and you can discover how IFLUX will improve your groundwater management. www.ifluxsampling.com

iFLUX

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DYNAMIC



GROUNDWATER MONITORING

We measure and visualize real-time groundwater flow and quality to enable data driven groundwater management

Groundwater is stored in aquifers and represents more than 95% of all available liquid fresh water. However, groundwater is facing and lead to droughts or endangered water resources.

Monitoring groundwater pollution and dynamics is complex and requires highly accurate real-time data to monitor and create a better

Solutions for remediation or groundwater protection too often fail or result in time-consuming, non-efficient projects, because they are based on assumptions and outdated or snapshot information. Environmental measuring, which can be used to assess risks, predict groundwater behaviour and tailor and manage solutions to get the desired outcome faster and at a lower cost.

iFLUX delivers the next generation groundwater monitoring solutions. By measuring what is happening underground real-time and combining data to get useful insights, environmental consultants, authorities and industries can take timely and effective action. iFLUX implements IoT sensor networks for real-time groundwater monitoring. Environmental risk assessment and management becomes more effective by measuring what happens underground.

Our technology: we measure...

Water Flow

Mass Flux: Our iFLUX sampler is based on the principle

Water Flow: We developed a real-time digital sensor

Water Quality

Soil Moisture

The sensors are connected via an NBIoT communication logger. The collected data are transmitted to our database for analysis and visualization in your personal dashboard.

Water Level

iFLUX monitors for...

Site Remediation

Agriculture

iFLUX helps:

water quantity and quality are threatened. iFLUX

iFLUX helps:





iFLUX technology allows quality and quantity water

