

Smart framework for real-time monitoring and control of subsurface processes in managed aquifer recharge (MAR) applications

Invitation to the Public Event on Smart Managed Aquifer Systems (MAR) Increasing water security in Akrotiri and Germasogeia by applying the SMART Control approach

14 October 2021, 9:00 -10:30 OEC

Limassol, Cyprus and online

Dear Sir/Madam,

we cordially invite you to the **SMART-Control Public Event** to exchange on and discuss with the SMART-Control project team and local partners the **improvement and implementation of MAR sites in Cyprus** using an innovative web-based real-time monitoring and control system. Within the framework of the SMART-Control project, the Water Development Department in collaboration with international and local research partners, has developed **innovative concepts to increase water security at the Akrotiri and Germasogeia region**. **Your opinion** is important to us in order to **validate the developed innovative concepts** and make sure that they cover the needs of the entire region, leaving no one behind.

Managed Aquifer Recharge (MAR) represents a viable adaptation solution for sustainable water resources management while it reduces the impact of water scarcity by increasing seasonal water availability—this is also the case for the MAR sites at the Ezousas and Akrotiri region in Cyprus. New innovative online monitoring and controlling approaches developed by SMART-Control make it possible not only to increase the security of and public trust on MAR systems, but also to exploit the benefits of MAR by providing a detailed insight into MAR processes, detecting risks before they get critical and enabling future predictions.

What to expect at the SMART-Control public event:

- **Get insights into future plans to improve the MAR site at the Akrotiri region and to increase water security at the Germasogeia region using a smart MAR concept**
- **Discuss with MAR experts and stakeholders from science, practice and policy the presented smart MAR ideas and jointly validate their applicability at Akrotiri and Germasogeia region**
- **Bring in your needs and ideas to refine the presented future plans**

Register for the SMART-Control Public Event by sending a mail to: Konstantinos cpanag84@gmail.com (University of Cyprus)

We will then send you more information about the location in Limassol for participating physically and the link for participating online.

For more information on the SMART-Control approach visit our project website: <https://smart-control.inowas.com/>. Please do not hesitate to get back to us if you have any questions regarding the event or the project

We look forward to seeing you at our public event
Your SMART-Control team

Project funded by: