



Hands-on Water Challenge in South Africa 2018

Call for Cases

The new challenge for practitioners (NQF 3-4)

Practitioners are vital for the good performance of water infrastructure. They have a lot of knowledge on the ground, but is this knowledge used for making processes more efficient? People can learn by meeting each other, discussing and exchanging knowledge and learning skills. By stimulating this interaction, practitioners will be more energized to work in the sector; meanwhile the sector itself will get good ideas for improvements.

That is what the Hands-on Water Challenge is all about. This challenge is based on the proven concept of Wetskills Water Challenge. Main aims are:

- Expose the Water sector as attractive sector to work: The role of artisans/ Process Controllers in fighting the water crisis and demonstrate their skills in supporting healthy drinking water/ proper sanitation
- Co-create out of the box, and result in practical solutions for real life challenges
- Exchange of knowhow between practitioners from various organizations
- Train crucial soft skills to better operate and better maintain the water infrastructure, together

The Hands-on Water Challenge

Develop solutions for a real life topic (challenge) in a diverse unfamiliar group (mixed group with unknown people with diverse backgrounds) and pitching the result to an audience. The challenge is linked to the WISA conference (25-27 June 2018), stimulating out-of-the-box solutions for practical working activities, enabling enthusiasm for being water practitioner and demonstrates innovative ways of learning.

This 10-days challenge is dedicated to Practitioners: Process Controllers/ artisans /shift assistants (\approx NQF3-4) with:

- Various backgrounds, like municipalities / department / catchment agencies / water boards / companies
- From all parts of South Africa
- 5-10 years of working experience

The participants will work in a team with 3-5 peers on a challenging water case, formulated by the sector.

Does your company, organization or institute have a challenging water case requiring practical bottom-up solutions?

Case topics

A case is based on the work of practitioners (like saving energy op WWTP ..., how to improve job satisfaction PC, how to re-use of effluent from WWTP .., 10 ways to save water by agriculture, how to use weather forecast to operate dam levels ..., etc.). The case owner, inside or related to the water sector, determines the topic of the study cases and benefits the provided solutions.

Are you looking for bottom-up solutions? Do you want to empower the practitioners? Has organization or institute and do you have a challenging water case? Come on board!

Contact Johan Oost at AquaDactics: johan@aquadactics.org.za.

More information: www.aquadactics.org.za



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Case Owner Benefits

- Case Owners will receive the results: a poster and a paper (approx. 2 pages) outlining the solution the team came up with for the Ownercase study.
- Case Owners will get their own international team of dedicated practitioners.
- Case Owners contribute to the exposure of Hands-on work in the water sector, attracting new colleagues.
- The name and logo of Case Owners will be reported in press releases during WISA
- The logo of the Case Owners will be displayed on the poster presented at the final presentations.
- Press releases and tailored appointments for promotion and communication for own use.

Case Owner responsibilities

- Case Owners will provide a case (the water challenge) for the Hands-on Water Challenge in Cape Town 2018.
- Case Owners will support the team via face-to face or remote meetings (using Skype, and e-mail) on the first day, the last day, and at halfway point.
- Case Owners and AquaDactics jointly will provide an expertise during the programme (also on distance with cell phone, email, Skype).
- Case Owners will donate 38,000 ZAR in support of the organization of the Challenge.

AquaDactics' responsibilities

- AquaDactics will assist in developing a great case study for the participants.
- AquaDactics will recruit candidates, form teams of participants and guide them to reach solutions through processes of divergent thinking to solve the Case Owner's challenge.
- The study case and poster of the team (excluding the short memo) will be published on the website, www.aquadactics.org.za.*
- The results will be presented during a special session at the WISA conference in Cape Town (24-27 June 2018).
- The winning team will be awarded during the WISA conference as well.

* If some information is confidential, AquaDactics and the concerning team will act accordingly.

Other support for the Hands-on Water Challenge

You do not need to be a Case Owner to be part of the Hands-on Water Challenge. The organization welcomes the participation of companies, organizations and individuals through donations*.

- Donors will receive logo representation.
- Donors will be mentioned in PR & Communication
- Donors will have the opportunity to meet and greet with participants and Owner Organizations.

*We would like to tailor your requests as Donor or Case Owner.

Our Partners

This Hands-on Water Challenge is supported by:



More information: www.aquadactics.org.za