



## LET'S TRAIN PROFESSIONALS BETTER!

# Weather & water management

<b>TARGET GROUP</b>	Water managers
<b>ENTRY LEVEL</b>	vocational education, with working experience
<b>DURATION</b>	2-3 days
<b>PARTICIPANTS</b>	16
<b>TRAINERS</b>	South African and/or Dutch experts certified by AquaDactics

### INTRODUCTION

The water manager frequently has to deal with extreme weather conditions.

Large amounts of rain fall in a short period of time, which causes water inconvenience or even floods. On the other hand water shortage occurs in times of drought. Both water quantity issues result from climate change. Water managers are challenged to avoid these negative effects.

Wind and precipitation leads to various water management situations. Knowledge about the influence and interaction of the weather on water provides tools and insights to deal with these kinds of issues. Water behaviour can be predicted or even modelled by interpreting the weather forecast properly.

Practical cases about the influence of meteorological aspects on the water level management are the central issue in this course. Water managers learn how meteorological aspects influence their advices and how they can implement these aspects in their daily work.

### CONTENT

The course covers these topics:

- Basics of meteorology
- Influence of weather on various water systems
- Effects of weather on water management in case of flooding and/or water inconvenience
- Effects of weather on water management in case of Water shortage
- Climate change and its effects
- Calamity plans

### COURSE MATERIAL

Hand-outs of the presentations, exercises and background information.