



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

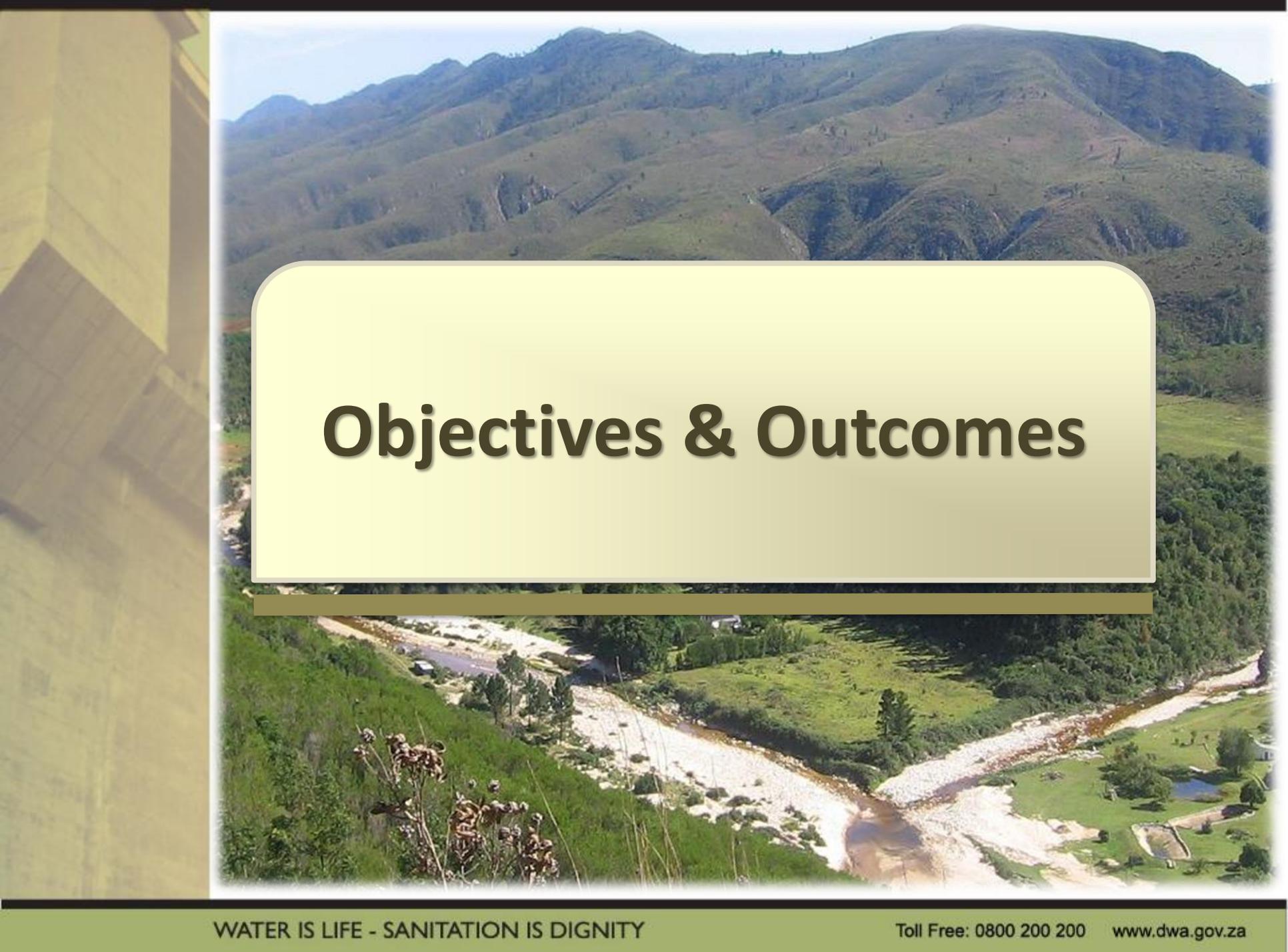
Determination of Water Resources Classes and Resource Quality Objectives in the Breede-Gouritz WMA

Water Quality Training Overview of the WRCS and Water Quality

7 December 2016
Aurecon, Cape Town

Outline

Co-ordinate

An aerial photograph of a river valley. The river flows through a lush green valley, surrounded by dense vegetation. In the background, there are rolling hills and mountains under a clear blue sky. A large, semi-transparent yellow text box is centered over the image, containing the title "Objectives & Outcomes".

Objectives & Outcomes



Training Objectives

Co-ordinate



Intended outcomes

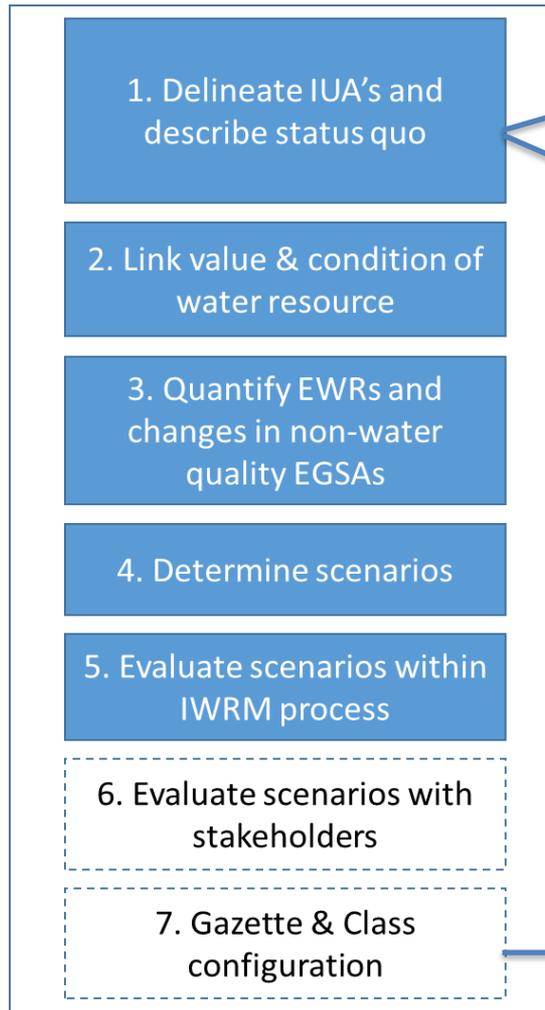
Co-ordin

Programme for the day

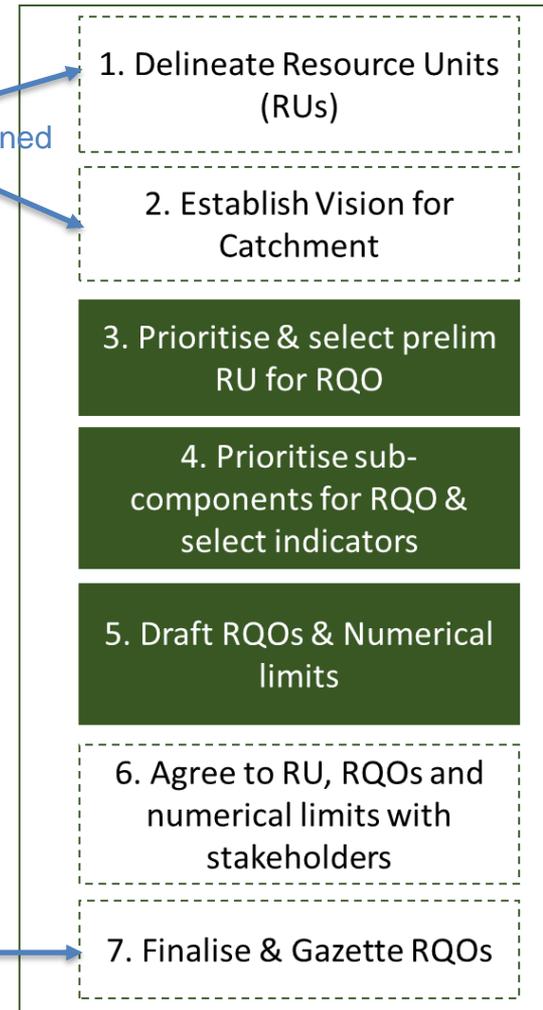
Time	Activity	Person
9:30-10:00	Tea / Coffee	
10:00-10:10	Welcome and introduction	Erik vd Berg / James Cullis
10:10-10:20	Objectives and intended outcomes of the course	Nico Rossouw
10:20-10:40	Overview of WRCS and water quality	Nico Rossouw
10:40-11:00	Overview of RQOs and Resource Water Quality Objectives (RWQOs)	Nico Rossouw
11:00-11:30	Tea/coffee & refreshments	
11:30-12:00	Fitness for use assessment (water quality guidelines and WQ categories)	Nico Rossouw
12:00-12:15	Different sources of water quality data	Nico Rossouw
12:15-12:30	Importing water quality data into Excel and preparation for statistical analysis	Nico Rossouw
12:30-13:00	Introduction to water quality statistics (parametric and non-parametric statistics)	Nico Rossouw
13:00-13:45	Lunch provided by Aurecon kitchen	
13:45-14:15	Calculating non-parametric statistics in Excel	Nico Rossouw
14:15-14:45	Water quality categories and conditional formatting in Excel	Nico Rossouw
15:00	Tea / coffee on the go	
14:45-15:15	Data presentation options	Nico Rossouw
15:15-15:40	Monitoring compliance to RWQOs	Nico Rossouw
15:40-16:00	Summary and closure	Nico Rossouw

Classification and RQOs Steps

7-step process to determine WRCs



7-step process to determine RQOs



Aligned

Gazette WRC & RQO