

# High Level Conceptual Model of Effective 'Water Leaders'

This model helps to explain the differences and similarities between IWC's education programs and how they all contribute to the IWC's vision of enabling water leaders.

## Effective 'water leaders'

(there are different types of leaders)

### Leader attributes

- Skills / behaviours
- Knowledge and experience
- Personality traits (e.g. values, characteristics)
- Forms of power
- Social networks, etc

### A leader's context

- Dynamic complex challenges / wicked problems
- Resources
- Support from others (including other leaders)
- Drivers for change (e.g. crises)
- Supportive organisational cultures
- Legislative and policy frameworks, etc.

Interplay  
between leaders  
and their  
context

Capacity building activities by the International WaterCentre  
(e.g. education, training, problem based learning, coaching, mentoring, etc.)

Collaborative, inter-disciplinary problem construction and solution generation

### UNDERSTANDING

(understanding technical issues and fundamental principles, technical problem solving, designing and researching)

For example, modules in:

- 'Science of water'
- 'Catchment and aquatic ecosystem health'
- 'Water supply and sanitation'
- 'Water, sustainability and development' etc.

### ORGANISING

(planning, budgeting, organising and solving multi-dimensional problems)

For example, modules in:

- 'Project management'
- 'Water planning and economics'
- 'Community development and capacity building for integrated water management'
- 'Water governance and policy' etc.

### INFLUENCING

(establishing direction, aligning resources, motivating and inspiring people)

For example, developmental activities focusing on the following skills:

- Strategically exercising influence
- Using leadership styles that suit the context
- Leading cross-boundary teams
- Advanced social networking
- Building shared visions for projects, etc.

### Scope of IWC's

#### Postgraduate Programs in Integrated Water Management:

- Master of Integrated Water Management
- Graduate Diploma in Integrated Water Management
- Graduate Certificate in Integrated Water Management
- Graduate Certificate in Integrated Water Management (with specialisation in Water Planning)

#### Scope of IWC's Water Leadership Program