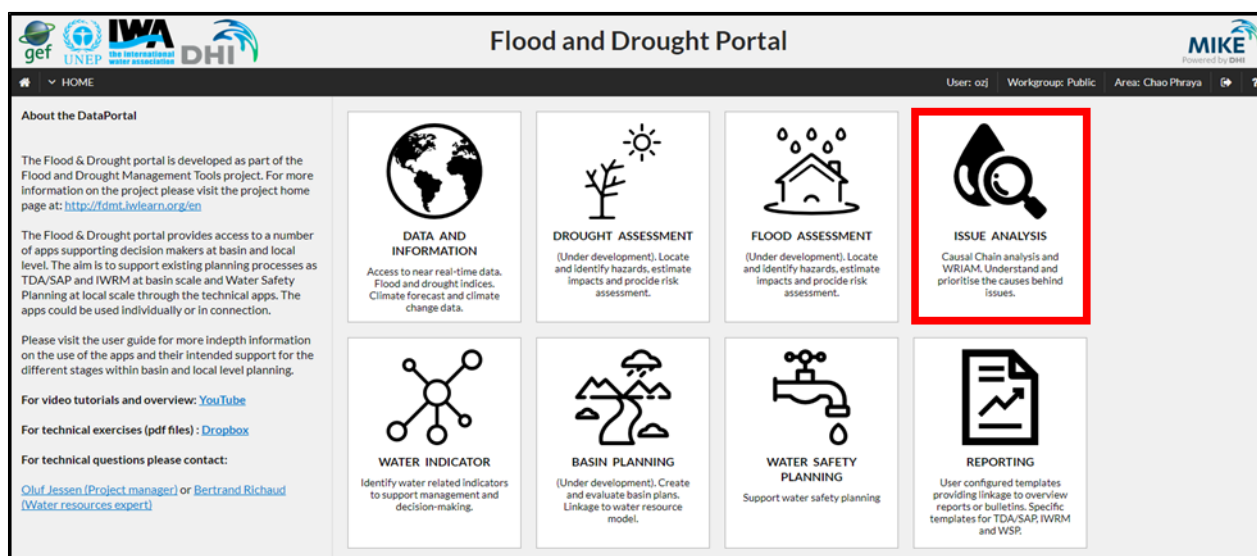


## Issue Analysis application – release note (July 2017)

The Issue Analysis application is now released as a new application on the Floods and Drought portal ([www.flooddroughtmonitor.com](http://www.flooddroughtmonitor.com)).

The Issue Analysis application aims at analysing environmental issues and the causes behind the impacts from the environmental issues. The application is based on the Causal Chain Analysis (CCA) method and the Water Resource Issues Assessment Method (WRIAM).



Issue Analysis application available on the [Flood and Drought Portal](http://www.flooddroughtmonitor.com)

### Issue analysis

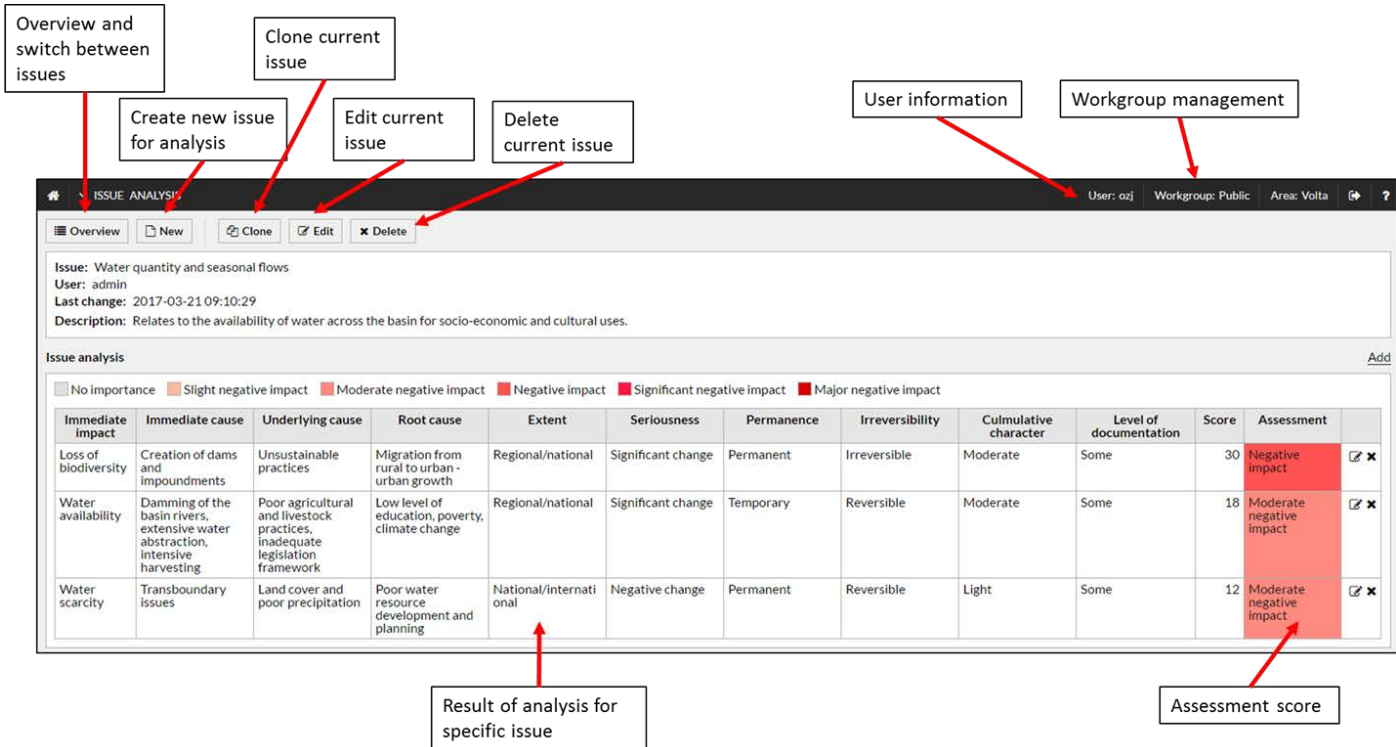
The key objectives with the application is to:

- Evaluate the key issues and assess the causes behind the associated environmental impacts
- Prioritise the environmental impacts based on a rapid assessment (WRIAM)

The Issue Analysis application is intended for a workshop setting supporting the following outcomes:

- Understand the causes behind specific issues
- Able to target the planning towards the “deeper” causes
- Increase the efficiency of the planning process

***You will be able to identify relevant environmental issues and their related causes. This is critical for the design and implementation of the planning process.***



Overview and switch between issues  
 Clone current issue  
 Create new issue for analysis  
 Edit current issue  
 Delete current issue  
 User information  
 Workgroup management

Issue: Water quantity and seasonal flows  
 User: admin  
 Last change: 2017-03-21 09:10:29  
 Description: Relates to the availability of water across the basin for socio-economic and cultural uses.

Issue analysis

Immediate impact	Immediate cause	Underlying cause	Root cause	Extent	Seriousness	Permanence	Irreversibility	Cumulative character	Level of documentation	Score	Assessment
Loss of biodiversity	Creation of dams and impoundments	Unsustainable practices	Migration from rural to urban - urban growth	Regional/national	Significant change	Permanent	Irreversible	Moderate	Some	30	Negative impact
Water availability	Damming of the basin rivers, extensive water abstraction, intensive harvesting	Poor agricultural and livestock practices, inadequate legislation framework	Low level of education, poverty, climate change	Regional/national	Significant change	Temporary	Reversible	Moderate	Some	18	Moderate negative impact
Water scarcity	Transboundary issues	Land cover and poor precipitation	Poor water resource development and planning	National/international	Negative change	Permanent	Reversible	Light	Some	12	Moderate negative impact

Result of analysis for specific issue  
 Assessment score

Main functionality in the Issue Analysis application.

Issue analysis developed by other users are shared according to the working group permissions (visible for user in same working group but only editable for the author).

Issue	Description				
Ecological sensitive areas	deterioration of biodiversity in Lake Victoria along Nyando catchment				
	<table border="1"> <thead> <tr> <th>Immediate impact</th> <th>Assessment</th> </tr> </thead> <tbody> <tr> <td>1 water supply for kisumu affected</td> <td>Moderate negative impact</td> </tr> </tbody> </table>	Immediate impact	Assessment	1 water supply for kisumu affected	Moderate negative impact
Immediate impact	Assessment				
1 water supply for kisumu affected	Moderate negative impact				
Floods in the inner Murchison Bay	Impact of the floods in the inner Murchison Bay				
	<table border="1"> <thead> <tr> <th>Immediate impact</th> <th>Assessment</th> </tr> </thead> <tbody> <tr> <td>1 Loss of lives and destruction of property</td> <td>Slight negative impact</td> </tr> </tbody> </table>	Immediate impact	Assessment	1 Loss of lives and destruction of property	Slight negative impact
Immediate impact	Assessment				
1 Loss of lives and destruction of property	Slight negative impact				
High turbidity in the lake	Kisumu Water - water Intake				
	<table border="1"> <thead> <tr> <th>Immediate impact</th> <th>Assessment</th> </tr> </thead> <tbody> <tr> <td>1 Kisumu Water - water Intake</td> <td>Moderate negative impact</td> </tr> </tbody> </table>	Immediate impact	Assessment	1 Kisumu Water - water Intake	Moderate negative impact
Immediate impact	Assessment				
1 Kisumu Water - water Intake	Moderate negative impact				
immediate impact	destruction of fish breeding ground				
	<table border="1"> <thead> <tr> <th>Immediate impact</th> <th>Assessment</th> </tr> </thead> <tbody> <tr> <td>1 destruction of fish breeding ground</td> <td>No importance</td> </tr> </tbody> </table>	Immediate impact	Assessment	1 destruction of fish breeding ground	No importance
Immediate impact	Assessment				
1 destruction of fish breeding ground	No importance				

Example of existing Issus Analysis (from Lake Victoria basin)