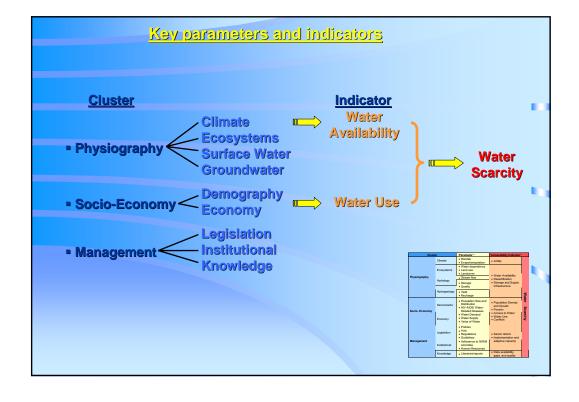
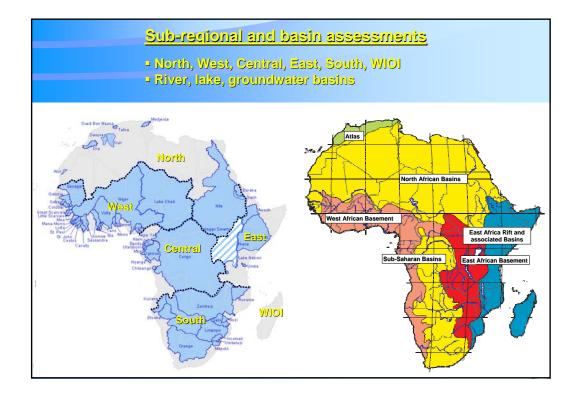
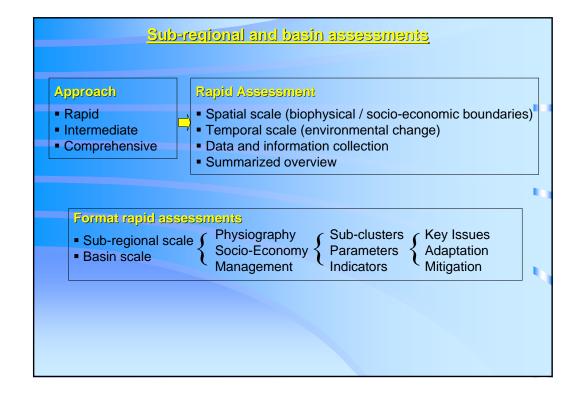
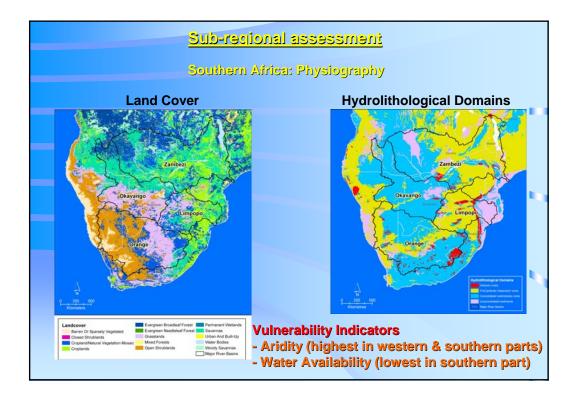


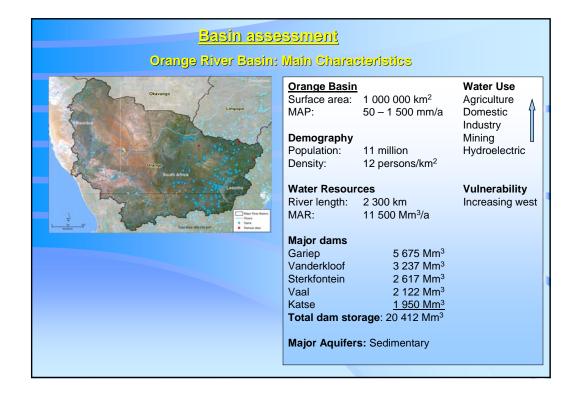
Cluster		Parameter *	Vulnerability Indicator*	
	Climate	Rainfall,     Evapotranspiration	Aridity	
Physiography	Ecosystems	Water dependency     Land use     Landcover	Water Availability     Desertification     Storage and Supply Infrastructure	
	Hydrology	Stream flow		
	riyurology	Storage     Ovelity		
	Hydrogoology	Quality		
	, ,	<ul><li>Yield</li><li>Recharge</li></ul>		
Socio- Economy	Demography	Population Size and Distribution     HIV-AIDS/ Water- Related Diseases	Population Density and Growth     Poverty     Access to Water     Water Use     Conflicts	
	Economy	Water Demand     Water Supply     Value of Water		
Management	Legislation	<ul><li>Policies</li><li>Acts</li><li>Regulations</li><li>Guidelines</li></ul>	Sector reform     Implementation and adaptive capacity	
	Institutional	Adherence to IWRM principles     Human Resources		
	Knowledge	Literature/reports	Data availability, gaps, and quality	

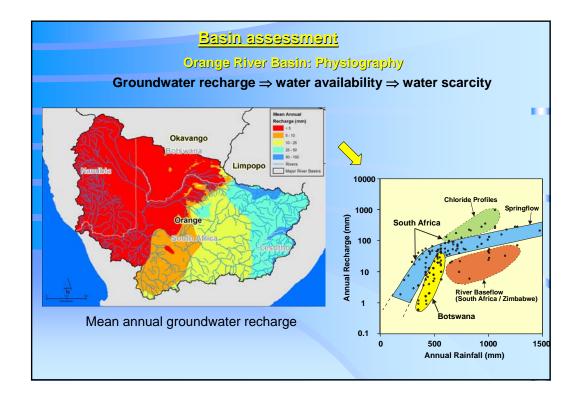


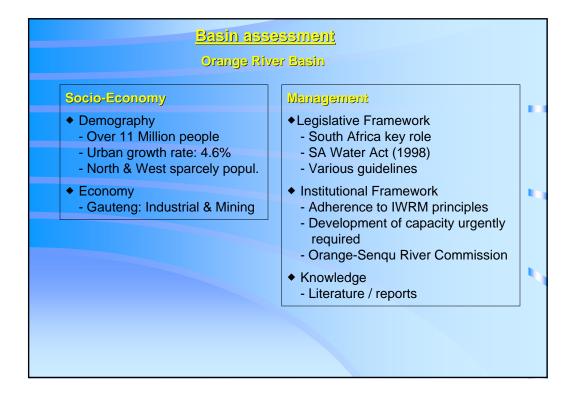












Cluster	Vulnerability Indicator	River Basin A	River Basin B
Physiography	Aridity	<20% of the area	>80%
	Water Availability	Vulnerable	Stressed
	Storage and Supply Infrastructure	Well developed - middle course	Highly developed - upstream
Socio- Economy	Population Density	X p/km <sup>2</sup> ; downstream increase; variable	Y p/km <sup>2</sup> ; upstream increase; variable
	Access to Safe Water	Urban: Low, Rural: Low: highly variable	Urban: High, Rural: High ; variable
	Water Use	Agriculture - 1/2%	Agriculture ~Y%
	Poverty	High	Low
	Conflicts	Low	Low
Management	Sector reform	Ip progress	Advanced
	Implementation and adaptive capacity	Moderate to bad	Reasonable
	Data availability gaps and quality	Moderate to bad	Reasonable

Key issues, adaptation and mitigation				
	Physiography			
Climate	Extreme events and impacts			
Ecosystems	■ Impacts of land use changes			
Surface Water	■ Distribution, quantity and quality			
Groundwater	Storage and supply infrastructure			
รือต่อ-Economy				
Demography	<ul> <li>Population growth and urbanisation</li> <li>Water related diseases and HIV/Aids</li> <li>Access to safe water and sanitation services</li> </ul>			
Economy	Water use Water related conflicts			
	Management			
Legislation	Governance of water resources			
Institutional	■ Implementation and adaptive capacity (finances, human res.)			
Knowledge	<ul><li>Data availability and quality</li><li>Knowledge gaps (climate change, water pollution, water res.)</li></ul>			

