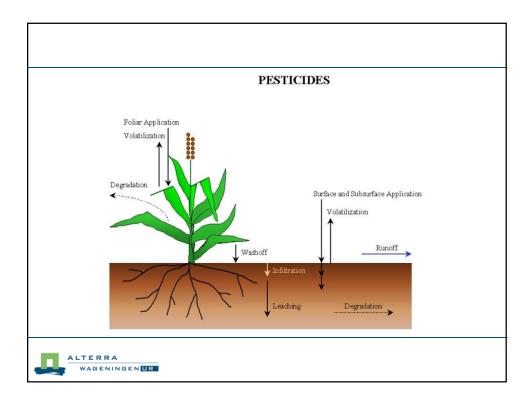
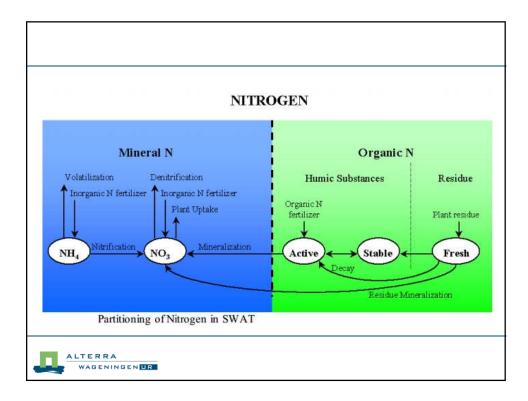
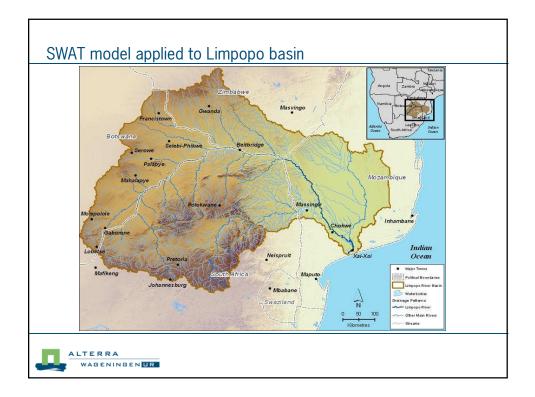
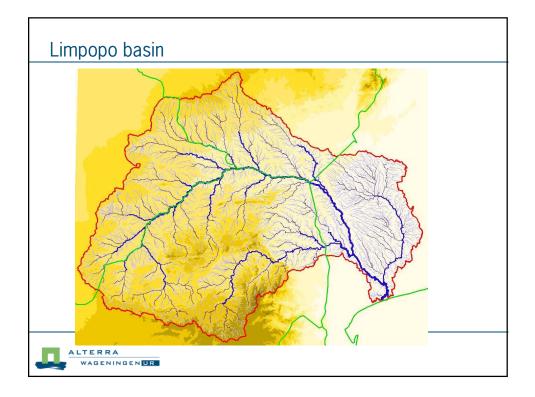


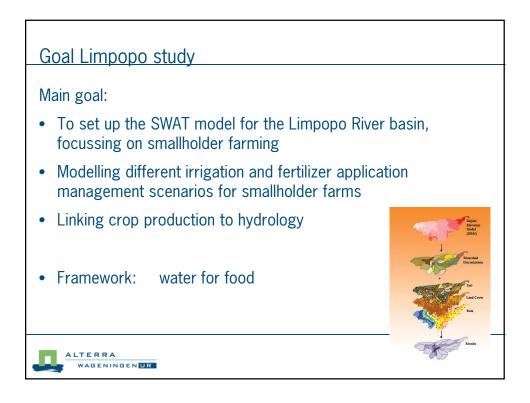
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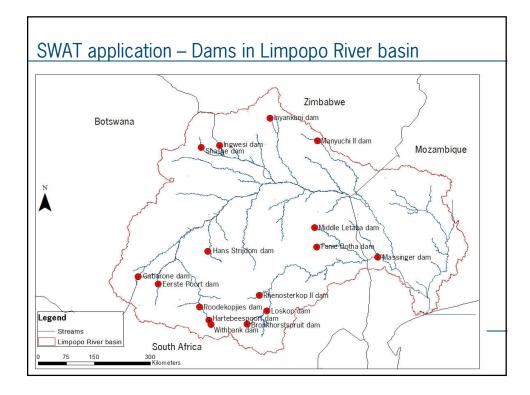


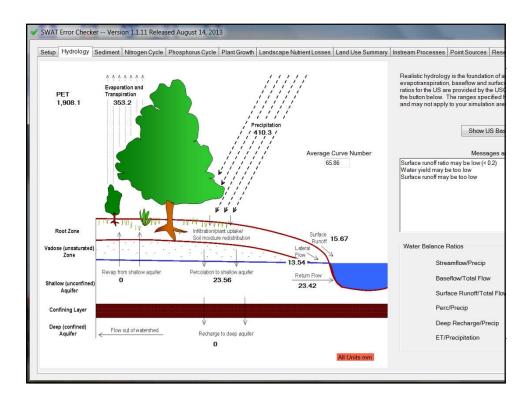


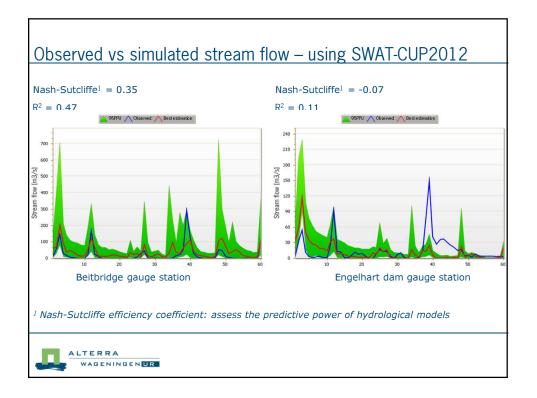




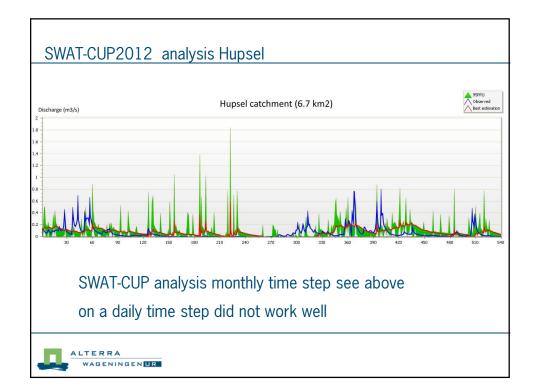




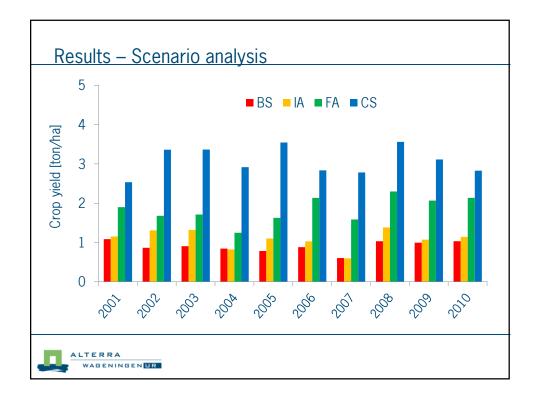




Sce	enario		Management operation Description
I	BS	No irrigation, no fertilizer appl.	Baseline
II	IA	Application of irrigation	Auto irrigation (plant water stress)
III	FA	Application of fertilizer	Manure as fertilizer (100 kg/ha/ year)
IV	CS	Appl. of fertilizer and irrigation	Manure as fertilizer (100 kg/ha/ year) and auto irrigation (plant water stress)



10/11/2014



SWAT – strengths and wea	knesses
Strengths	Weaknesses
Combination of upland and	Simplification of reality
channel processes into one simulation package	Many inputs and outputs can
Applicable for many case studies in different environments	be overwhelming
	Insufficient scientific understanding
Water quality	Weak in regional hydrology 🏾 🌞
'User friendly' by its ArcGIS interface	Shallow groundwater conditions

