Case Study name:	Three Gorges Dam		Section of specification:	ication:	Option A - Freshwa	Option A - Freshwater - Issues and conflicts	
Location:	City/Region: Yangtze River		<u>Country:</u> China			<u>Continent:</u> Asia	
What: A multi-purpose dan	What: A multi-purpose dam in central China and the world's largest	he world's largest	When: Completed 2015	σ			
dam. Connoversian	dam. Controversial due to several negative impacts	impacts.	Causes/Theory: - China is looking fo projected increases	ng for renew ases in ener	r renewable sources of ener in energy demand.	<u>Causes/Theory:</u> - China is looking for renewable sources of energy due to increased air pollution and high projected increases in energy demand.	on and high
Facts and Figures - 10% of China's energy supply thro - Protects 10 million from flooding di - Resettlement of 1.3 million people - Cost \$27 billion	Icts and Figures 10% of China's energy supply through HEP Protects 10 million from flooding downstream Resettlement of 1.3 million people Cost \$27 billion	<u>∃</u> P eam	- It creates employmelectricity supply Beneficial for flood	yloyment and ly. flood control	d accelerates econor	- It creates employment and accelerates economic growth and development through electricity supply. - Beneficial for flood control	hrough
Political Effects:	- F	Economic Effects: - High cost to build (\$27 billion)		Environmental Effects: - Pollution problems I sewage, industry and released from the flour factories Threat to wildlife: In traffic and ecosystem	Environmental Effects: - Pollution problems remain due to sewage, industry and chemicals released from the flooding of factories Threat to wildlife: Increased river traffic and ecosystem changes	Social Effects: - Resettled populations face problems finding adequate housing and employment as previous income sources have been eradicated Flood control benefits 10 million	s face uate housing evious income adicated. \$ 10 million
Solutions: Governmental effor cleaning strategies	rt and extensive planing or improved conditions	<u>olutions:</u> Governmental effort and extensive planing could implement water- cleaning strategies or improved conditions for endangered species		Possible Exam Question: "Dams and reservoirs Discuss this statemer	Question: reservoirs create as s statement with refe	ossible Exam Question: "Dams and reservoirs create as many problems as they solve." Discuss this statement with reference to multi-purpose schemes.	⊗