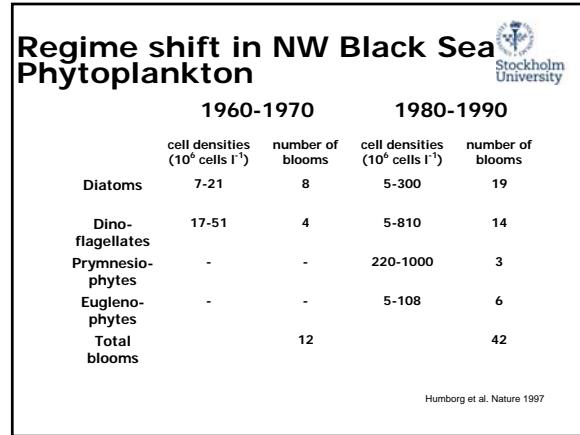
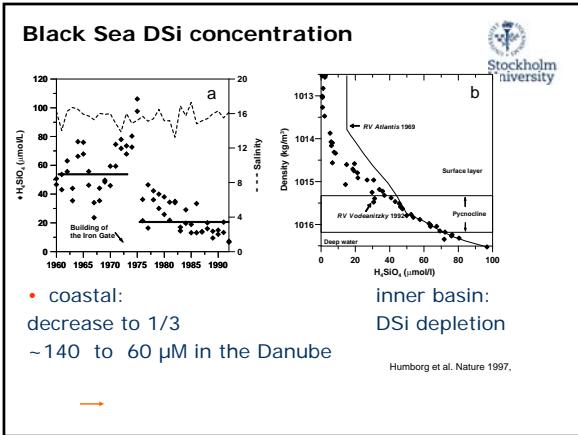
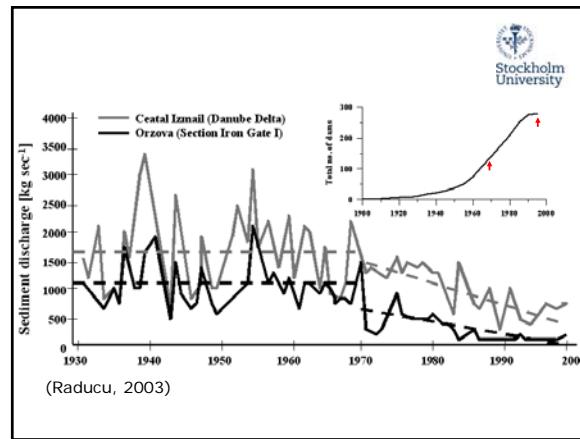
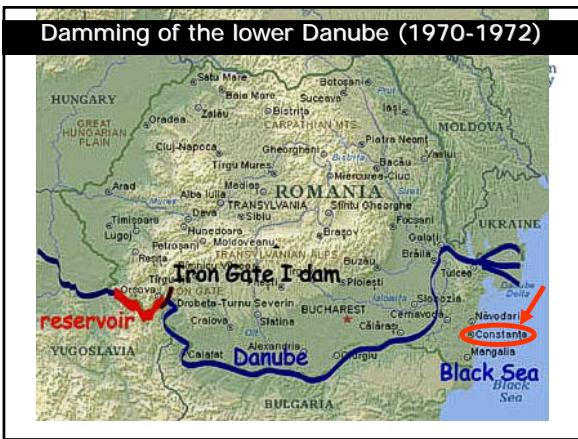
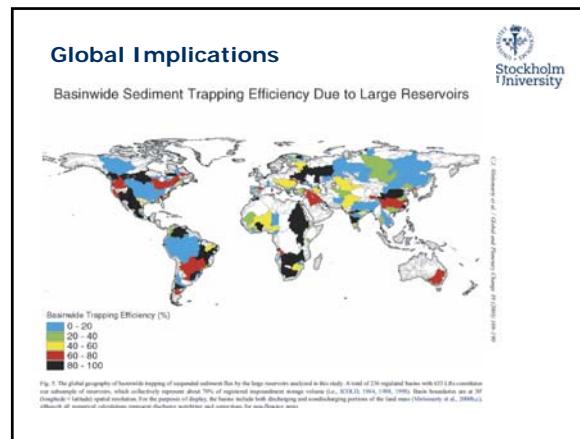


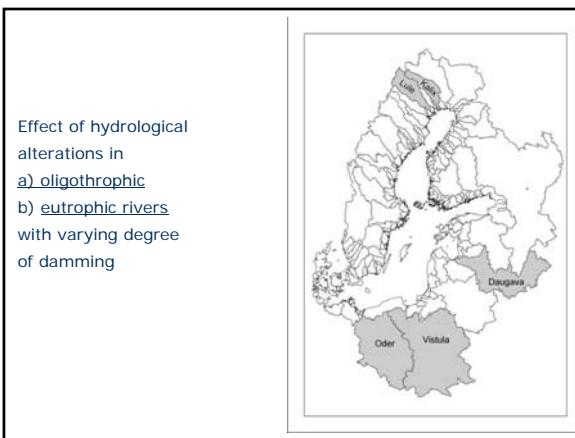
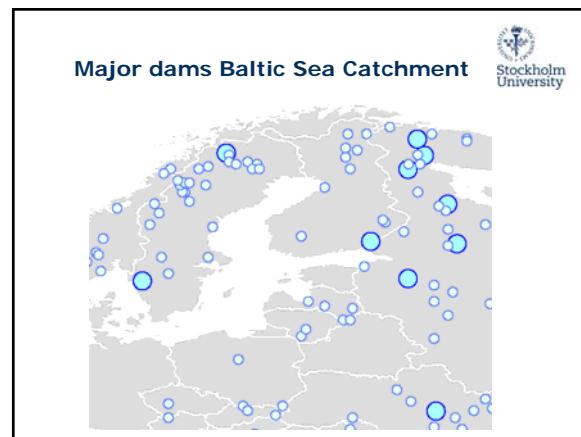
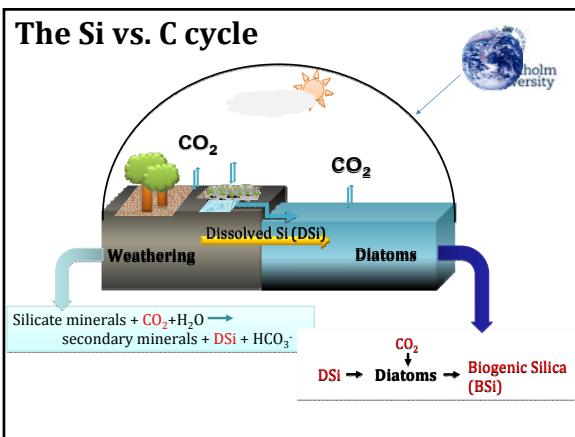
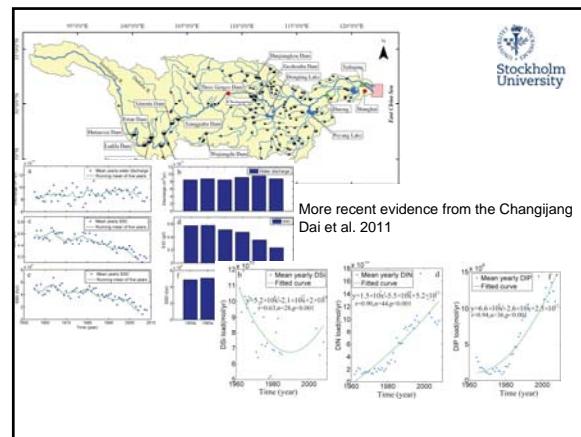
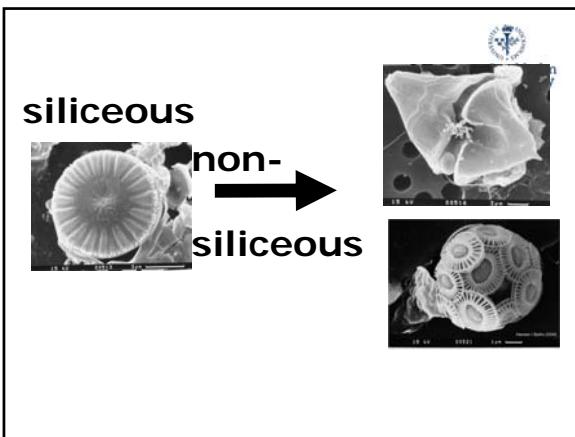
**Om vattenkraft och näringretention**

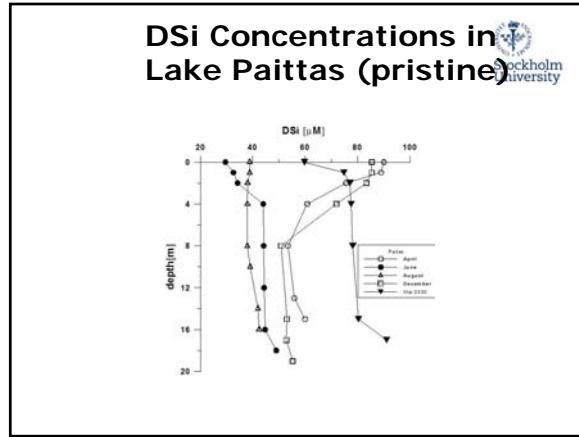
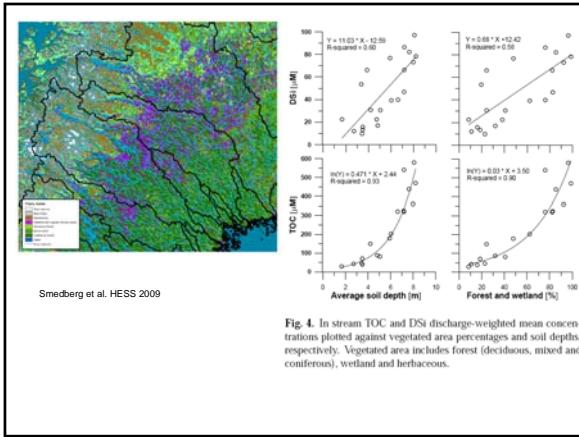
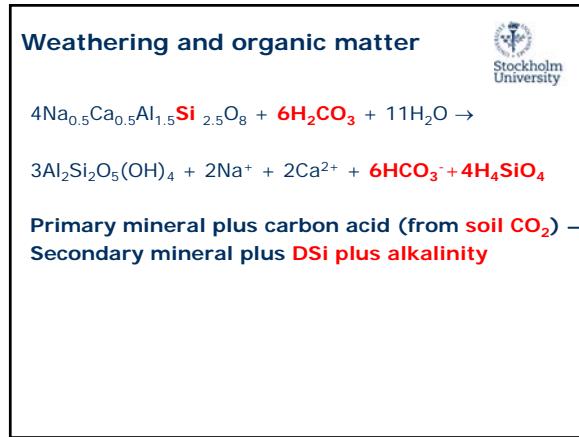
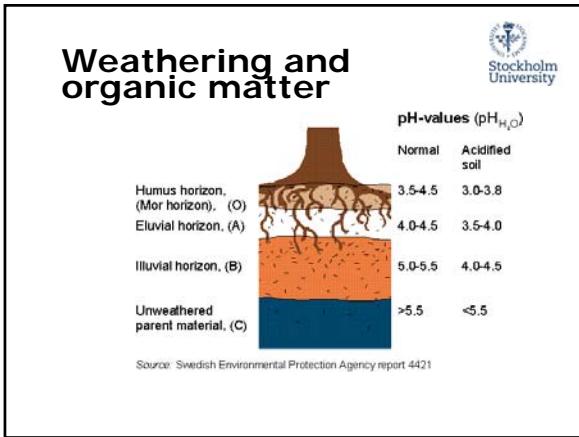
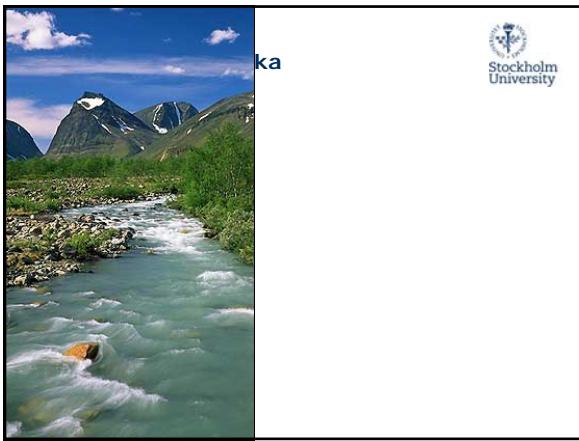
Christoph Humborg

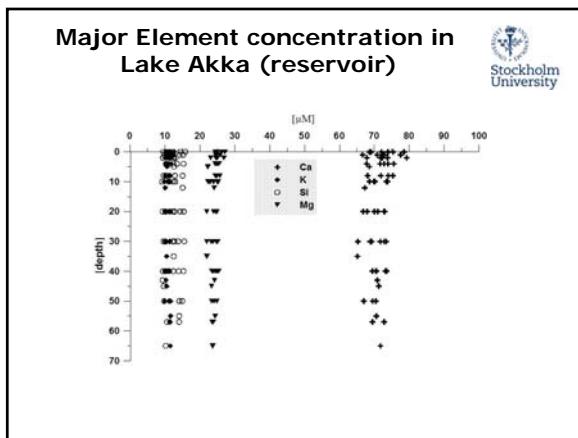
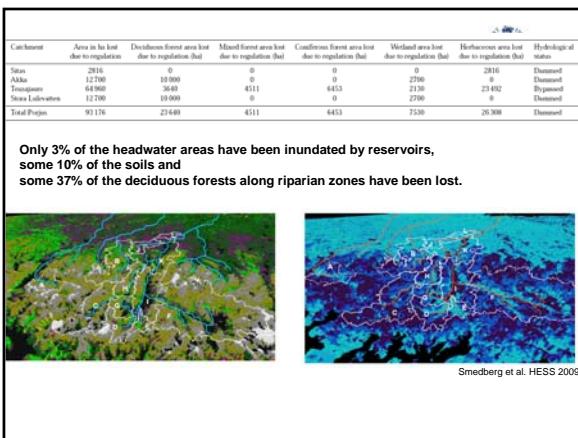
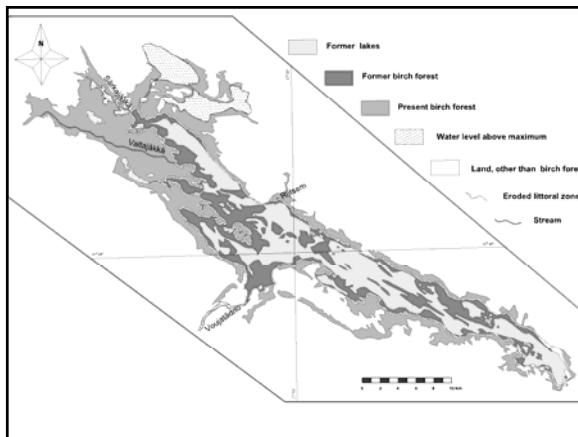
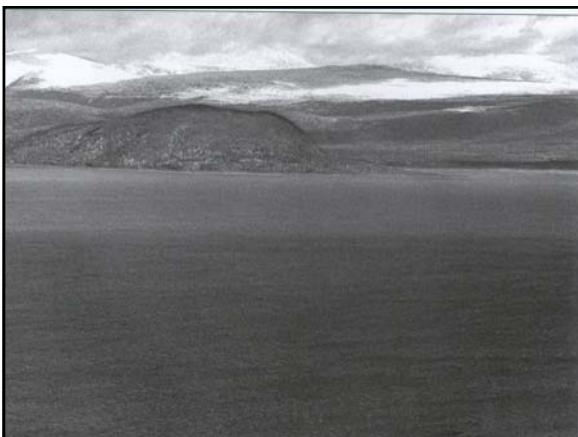
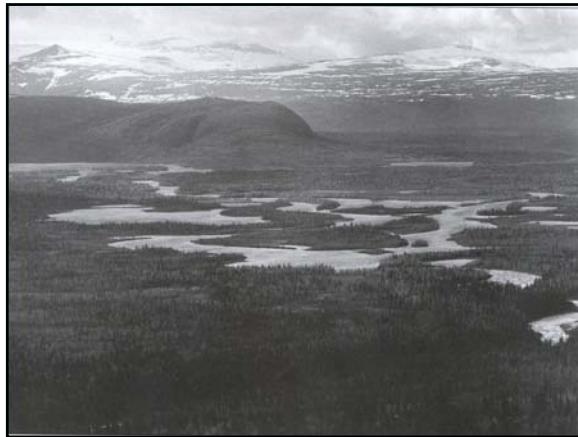
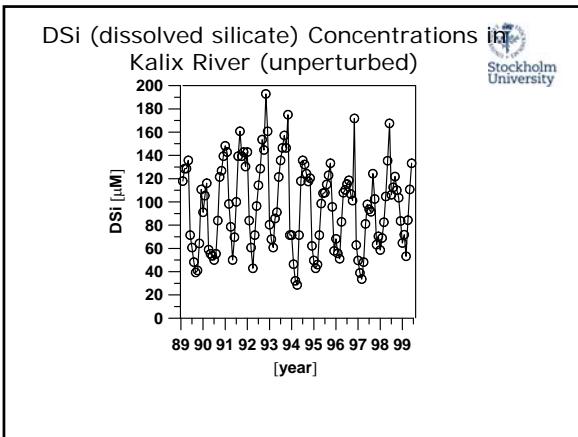
1) Background  
2) Undisturbed river systems  
3) Regulated river systems  
4) Effects in the Sea

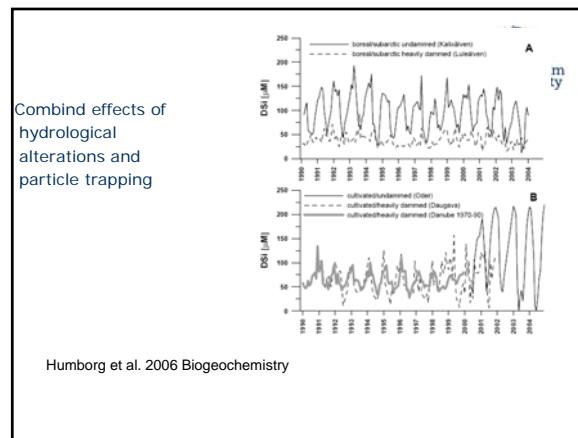
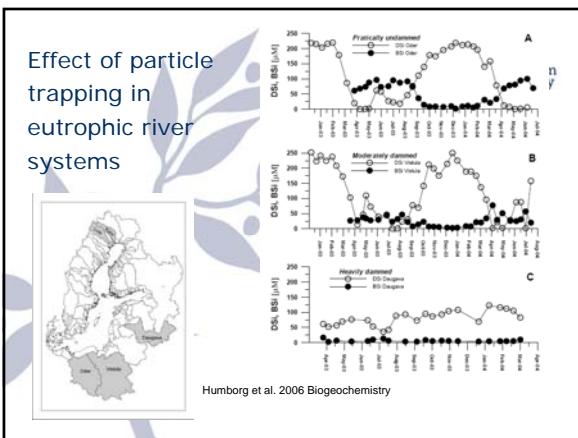
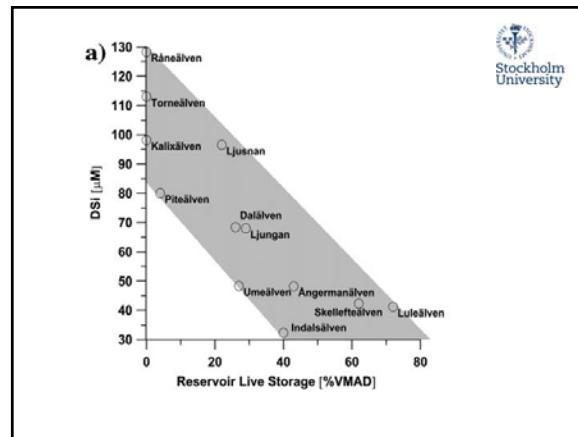
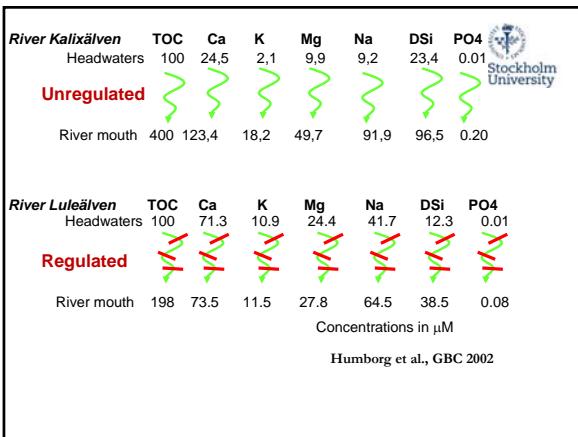
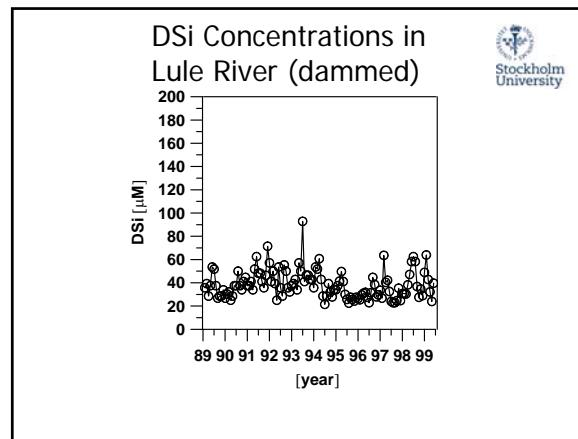
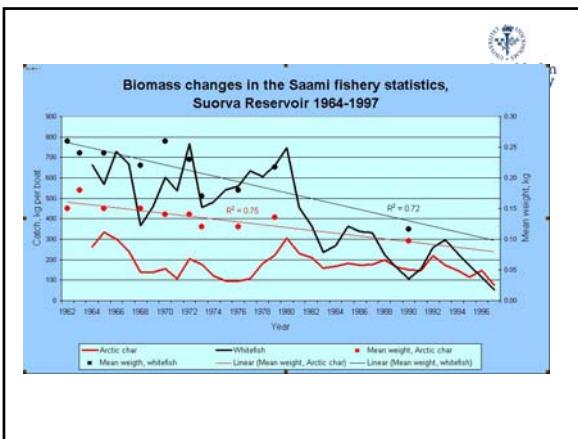
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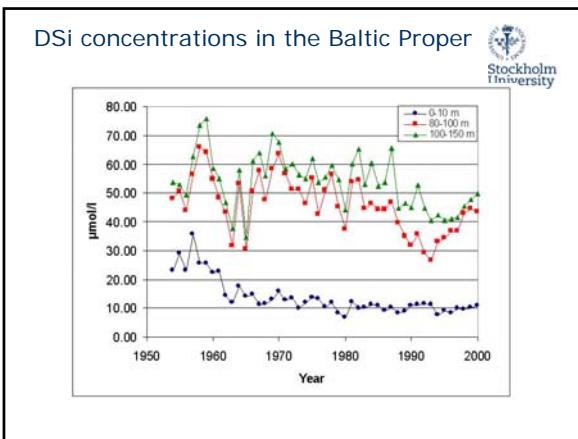












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**Table 7.** DSi annual inputs and potential missing DSi loads divided by Baltic Sea subbasin (BB=Bothnian Bay, BS=Bothnian Sea, GF=Gulf of Finland, GR=Gulf of Riga, BP=Baltic proper)

Area	Runoff	Spec. Runoff	DSi	DSi yield	Missing DSi
Sub-basin	(km <sup>2</sup> )	(10 <sup>-6</sup> m <sup>3</sup> yr <sup>-1</sup> )	(l m <sup>-2</sup> yr <sup>-1</sup> )	(ton yr <sup>-1</sup> )	(kg km <sup>-2</sup> yr <sup>-1</sup> )
BB	235499	97064	412	220855	938
BS	197061	86543	439	151823	770
GF	384853	105779	275	55823	145
GR	122116	29609	242	52820	433
BP	488394	85320	175	230030	471
Unmonitored	196604	69218		143670	26671
	1624527	473533		855021	420453

32

