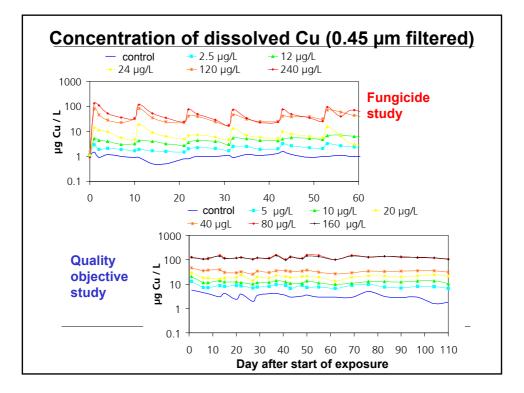
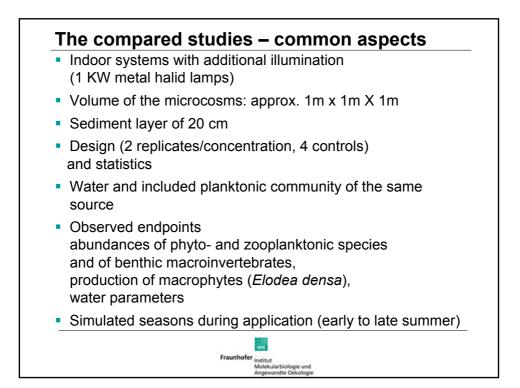
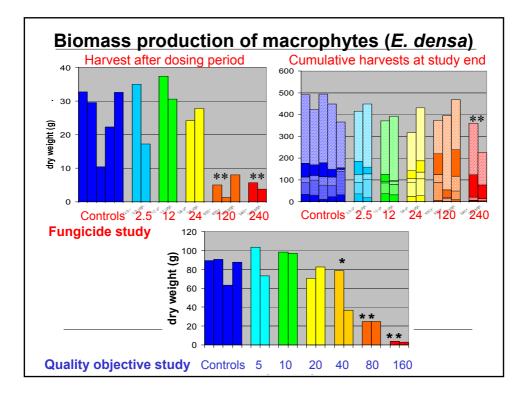


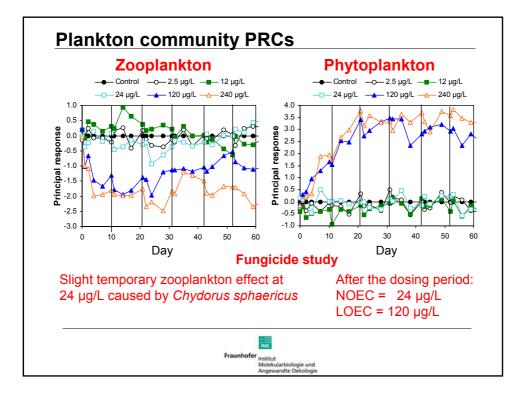
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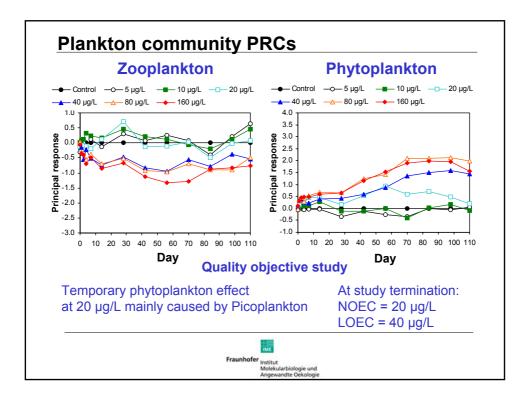




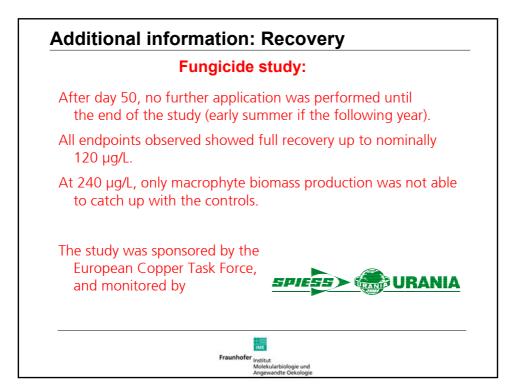
The compared s	tudies – nutri	ent state
Water from the sa	me source ("prist	ine" reference site)
	sediment	
Fungicide study	Quali	ty objective study
fish pond	"prist	ine" reference site (small lake)
TOC: 4.5 %		TOC: 2 %
resulting mi	crocosm water a	at study start
8 mg/L	DOC	4 mg/L
0.5 mg/L	total phosphate	< 0.1 mg/L
4-5 mg/L	nitrate	4-5 mg/L
< 0.1 mg/L	ammonium	< 0.1 mg/L
	Fraunhofer Institut Molekularbiologie und Angewandte Oekologie	

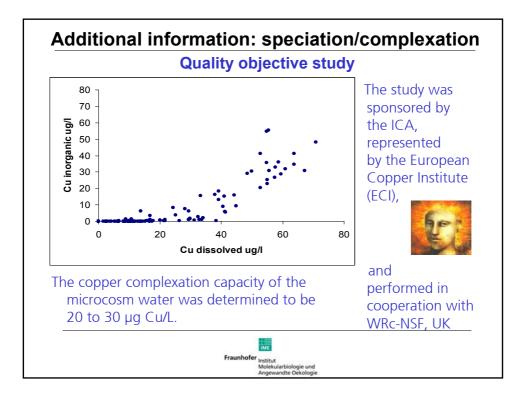


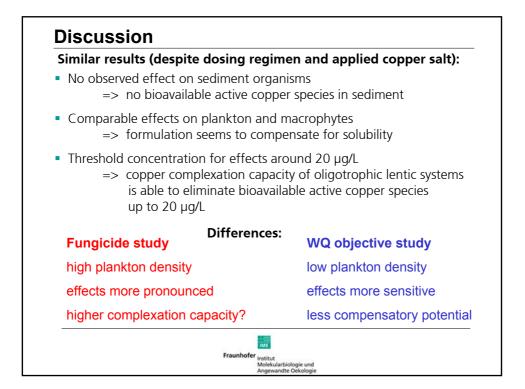


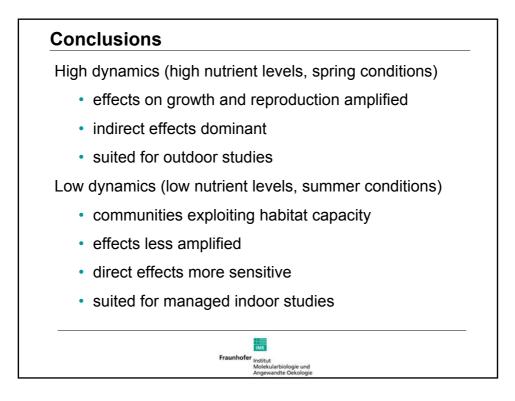


Nominal co	ncentr	ation [µg/L]		Nominal concentration [µg/l					
2.5 12	24	120 240	Endpoint	5	10	20	40	80	160
			Zooplankton PRCs						
			Diversity, Similarity						
			Phyllopoda <i>Daphnia</i>	7					
			Chydorus sphaericus	s r	not sufficient				
			Rotatoria Keratella						
		indirect	Copepoda Cyclops						
		indirect	Ostracoda	1	not s	ufficie	ent		
		indirect	Phytoplankton PRCs	5		i	dire	ct	
		indirect	Diversity, Similarity						
		indirect	Chlorophyta					indire	ect
		indirect	Cyanobacteria						
		indirect	Picoplankton			in	<mark>direc</mark>	t	
		indirect	Diatomea						
		indirect	Cryptophyta						
	-		Macroinvertebrates				_		
			Macrophyte prod.						
			Water parameters						
		transient	transient	pe	rman	ent		pern	nane
No effect	sli	ght effects	strong effects		nt eff		S	trong	
		<b>~</b>	Angewandte Oekologie	e					









Zooplankton (13 taxa)	Copepoda (adults, nauplii) Ostracoda	2 1	Macro- phytes (1 taxon)	Elodea densa		
	Cladocera Rotatoria	5 5	Filamentous Algae (1)	Chlorophyta		
Benthic macro-	Odonata Coleoptera	2 1	Phyto- Plankton	Cyanophyta Crypto-	4	
Invertebrates	Trichoptera	1	(29 taxa)	phyceae	3	
(11 taxa)	Chironomidae Brachycera	1 2		Chlorophyta Conjugato-	14	
	Megaloptera	1		phyceae	3	
	Bivalvia	1		Diatomea	2	
	Tubificidae	1		Eugleno-		
	Hirudinea	1		phyceae	1	
Benthic				Picoplank-		
Meiofauna	Nematoda	14		ton < 5µm	1	
(14 taxa)				Unknown	1	
		IME	1			

