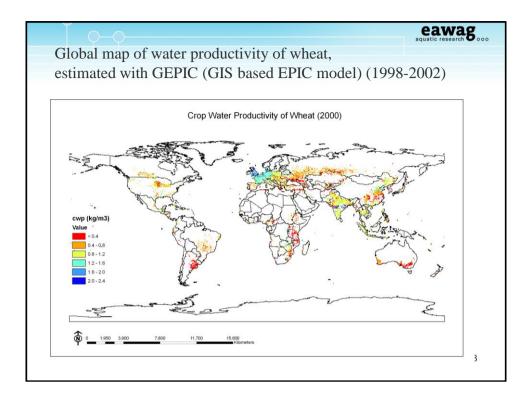
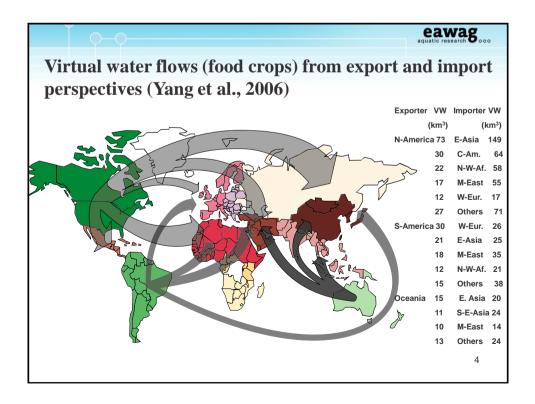


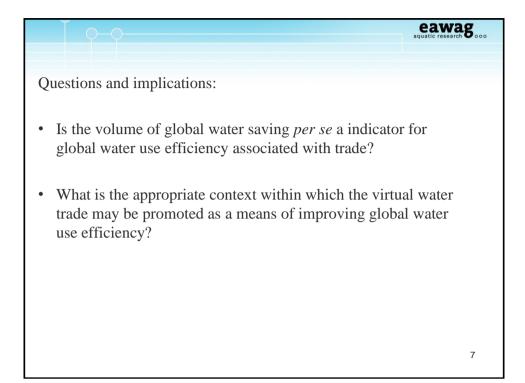
1. Interpretation o	n global v	water saving	associated	ag
with virtual water	trade and	d implication	ns for global	
water policy				
Virtual water content	t (m³/kg) is	a function of c	limate	
conditions, agronomic	ic practices,	field managem	nent, etc. (the	
inversion of crop wa	ater produc	tivity) VWC(m ³ /kg)	WP(kg/m ³)	
Wheat:	USA	1.30	0.77	
	Morocco	4.14	0.24	
	Algeria	7.22	0.14	
Maize:	France	0.35	2.85	
	USA	0.38	2.63	
	Mexico	1.34	0.75	
Rice:	China	1.07	0.94	
	Thailand	4.05	0.25	
	USA	1.33	0.75	2





Crops	Global	Global	Global water saving	
	gross virtual water import (km ³ year ⁻¹)	water export	Volume (km ³ year ⁻¹)	Ratio of water saving to virtual water import
Wheat	318.8	188.4	130.3	40.9
Rice	53.5	63.2	-10.1	-18.8
Maize	97.3	39.5	57.4	59.0
Barley	55.1	31.7	20.1	36.4
Soybean	104.9	67.3	37.1	35.3
Others**	351.1	249.2	101.9	29.0
Total	980.7	644.0	336.8	34.3

			eawas aquatic research
pact of WP chang	e on the volu	me of water s	aving
WP change	Export virtual water	Import virtual water	Water saving
	(km ³ /year)	(km ³ /year)	(km ³ /year)
-20%	644.1	1225.9	581.8
-10%	644.1	1089.7	445.6
-5%	644.1	1032.3	388.2
Baseline 100%	644.1	980.7	336.6
5%	644.1	932.0	287.9
10%	644.1	882.9	238.8
20%	644.1	784.8	140.7



country groups, a	verage of 1997-
Of which,	Of which,
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year	year
is relate	
and to	487.1
02.1 Aler	SCare.
	- city
11.5	68.1

