## The DANUBE Region: Current Role of the European Water Framework Directive and Possible Role of European Landscape Directive. Meinhard Breiling EU-ERASMUS SOKRATES Exchange at the Swedish University of Agricultural Sciences SLU Alnarp on: Nov. 16th, 2005

## Structure of Presentation

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- Part 1: Introduction to Danube Region, Water and Landscape.
- Part 2: Flashlights on Serbia, Romania, Moldova
- Part 3: Understanding Frameworks of Water and Landscape and their Role in Regional Sustainability

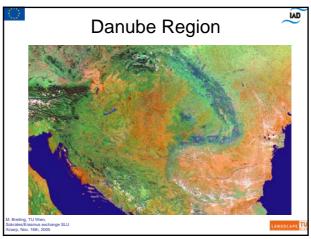
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## Why lam interested in this topic? Many planning problems are likely to be influenced in future via WFD Common guidelines instead of individual ones! Supervising diploma works directed to water framework directive Stakeholder on behalf of interests of IAD, International Association for Danube Research Water quality map on sapro-biological base Sturgeon Action plan New research methods, e.g. based on PCR (actually not wanted from aninistrators) My institute takes an active role in European Landscape Convention A connection to EU-WFD can be made. Main questions for next years What is a good standard of water quality? How to improve the ecological quality of water bodies?

How to improve the ecological quality of water bodies?
 How to bring in the European landscape convention?

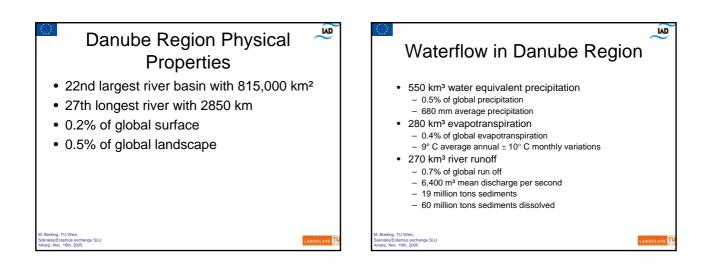
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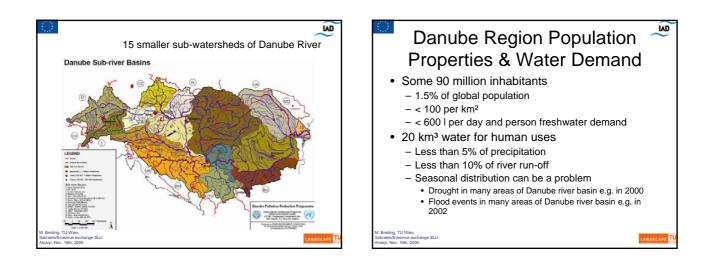
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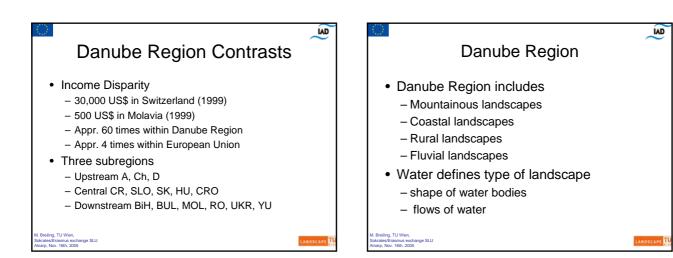






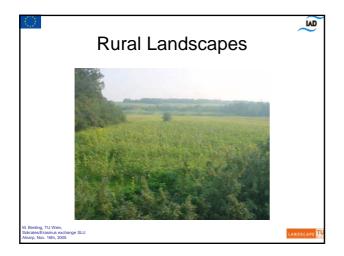




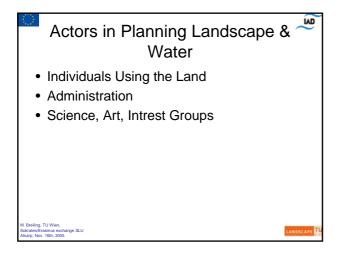


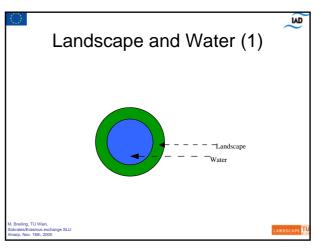


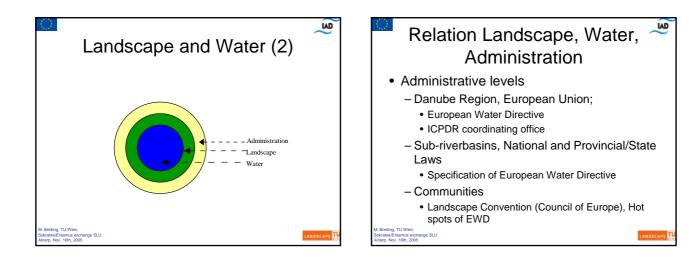


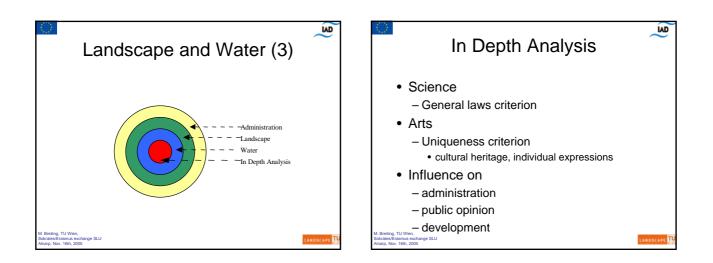












Facts of E15 (Data 2000-03)													
EU 15 Countries	Area in km²	Population	Density km <sup>2</sup>	Per caput inco	Per ha income	BIP in 1,000,00	Share in BIP o						
Austria	83858	8098000	97	25220	24354	204232	2.48%						
Belgium	32545	10252000	315	24540	77303	251584	3.06%						
Danmark	43096	5340000	124	32280	39998	172375	2.09%						
Finnland	338144	5180000	15	25130	3850	130173	1.58%						
France	543965	58850000	108	24090	26062	1417697	17.22%						
Germany	357022	82150000	230	25120	57801	2063608	25.07%						
Greece	131957	10560000	80	11960	9571	126298	1.53%						
Great Britain	242910	59739000	246	24430	60081	1459424	17.73%						
Ireland	70273	3794000	54	22660	12234	85972	1.04%						
Italy	301336	57679000	191	20160	38588	1162809	14.12%						
Luxemburg	2586	438000	169	42060	71239	18422	0.22%						
Netherlands	41526	15919000	383	24970	95723	397497	4.83%						
Portugal	92345	10010000	108	11120	12054	111311	1.35%						
Sweden	449964	8869000	20	27140	5349	240705	2.92%						
Spain	504782	39450000	78	15080	11785	594906	7.23%						
Summe	3152451	368230000	117	0	0	8232780.8	100.00%						

Facts of Danube Region												
Danube Countries	Area in km²	Population	Density k Per	caputinc. in US\$ Per	ha income US: BIF	? in 1.000.000 US\$ S	hare in BIF					
Austria	83858	8098000	97	25220	24354	204232	7.289					
Bosnien-Herzegowina	51129	3923000	77	1230	944	4825	0.179					
Bulgaria	110994	8167000	74	1520	1118	12414	0.449					
Croatia	56542	4460000	79	4620	3644	20605	0.739					
Czech Republic	78866	10273000	130	5250	6839	53933	1.929					
Germany	357022	82150000	230	25120	57801	2063608	73.589					
Hungary	93030	10022000	108	4710	5074	47204	1.689					
Moldova	33800	4264000	126	400	505	1706	0.069					
Rumania	238391	22435000	94	1670	1572	37466	1.349					
Serbia and Crna Gora	102173	10616000	104	940	977	9979	0.369					
Slovakia	49034	5402000	110	3700	4076	19987	0.719					
Slovenia	20253	1988000	98	10050	9865	19979	0.719					
Switzerland	41285	7180000	174	38140	66330	273845	9.769					
Ukraine	603700	49600000	82	700	575	34720	1.249					
All Danube countries	1920077	228578000	119	0	0	2804503.85	100.009					
Source: Fischer Wetalmanach M. Breiling, TU Wien, Sokrates/Erasmus exchang Alnarp, Nov. 16th, 2005						LAND	SCAPE 🕌					

