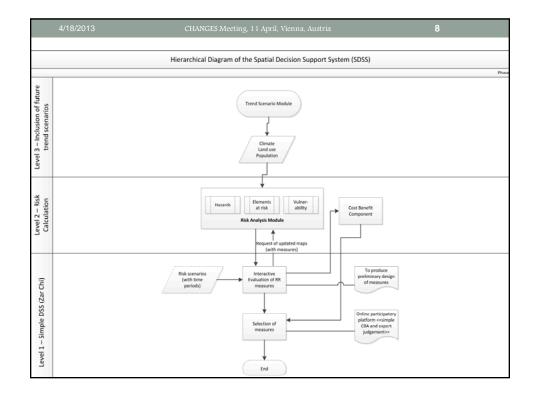
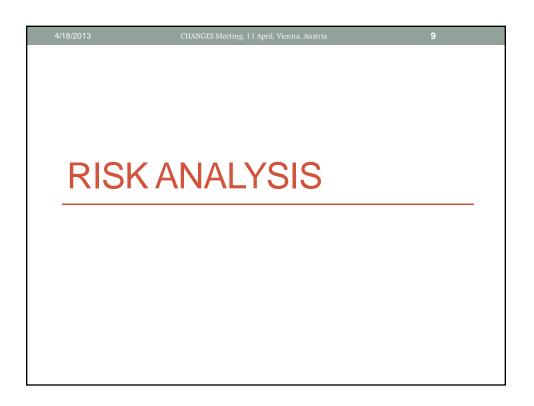
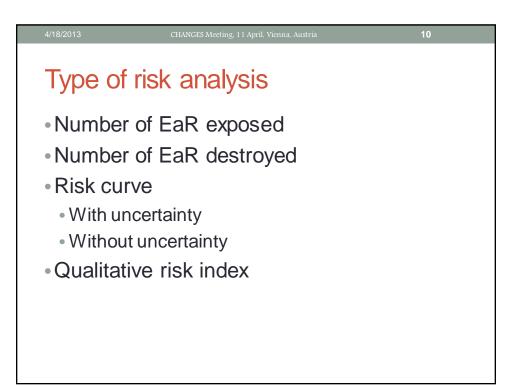
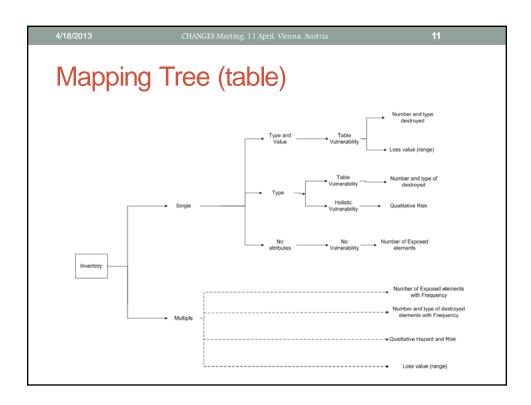


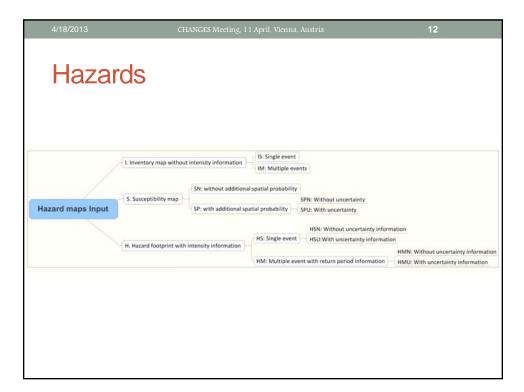
change in hazards for different scenarios     change in assets     change in alte     different scenarios     scenarios     through time     through time	alyze the ect of erent ernatives in t reduction different narios ough time
Scenario selection     Iterative     Iterative     Iterative       Climate      25 years from now     Hazard     Assets     Risk       Land use      10 years from now     Hazard     Assets     Risk     S       Population       5 years from now     Hazard     Assets     Risk     S	
Climate     25 years from now     Hazard     Assets     Risk       Land use     10 years from now     Hazard     Assets     Risk     S       Population     Syears from now     Hazard     Assets     Risk     S	Selection
Population Syears from now Hazard Assets Risk Se	Selection
Population	Selection
Now Hazard Assets Risk Sel	election
now Costs	ection Priority Benefits
current situation	

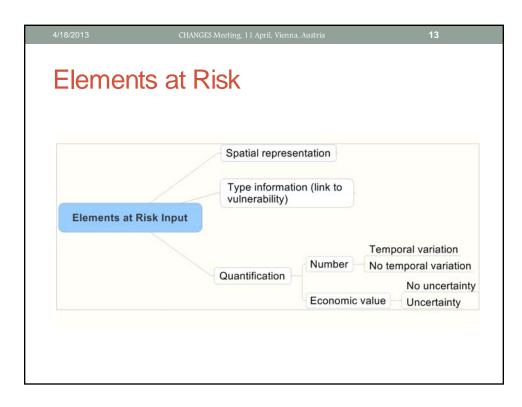


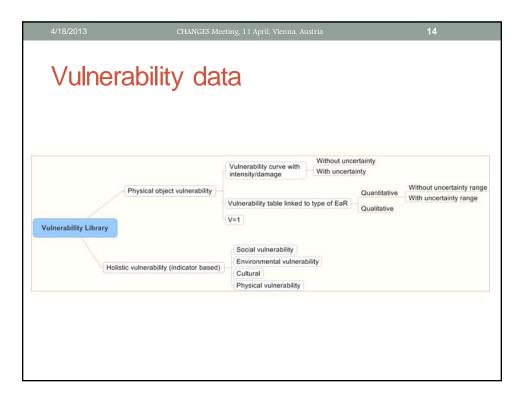


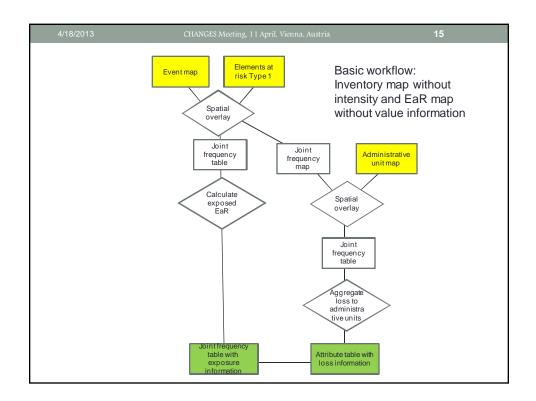


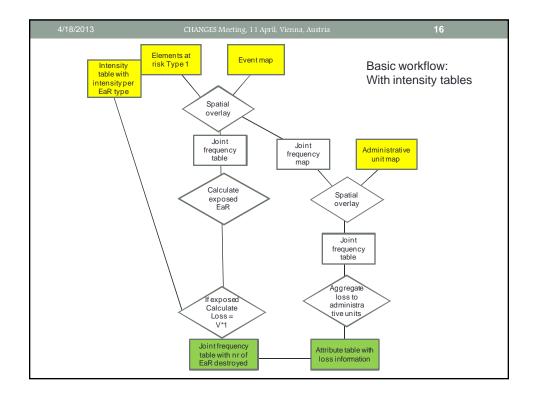


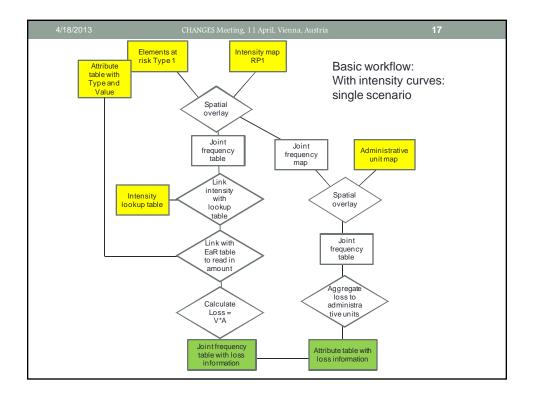


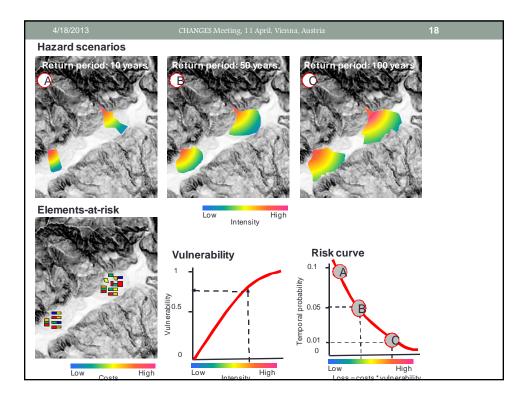


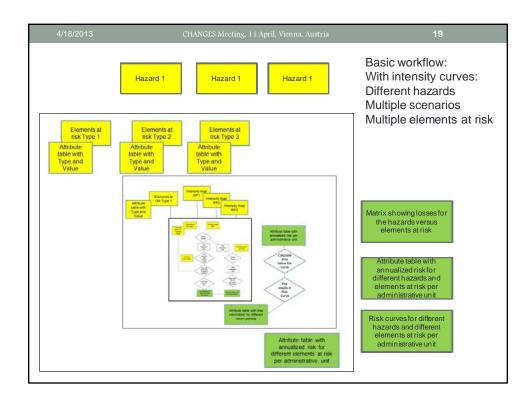


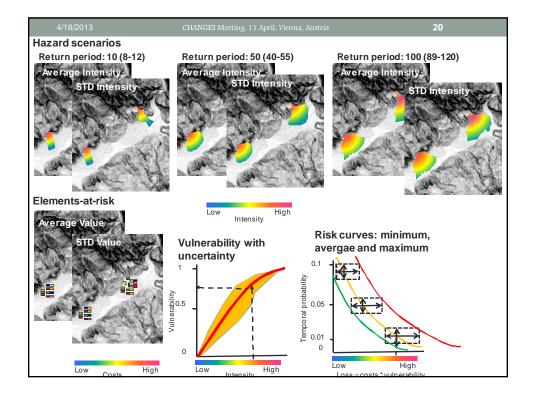


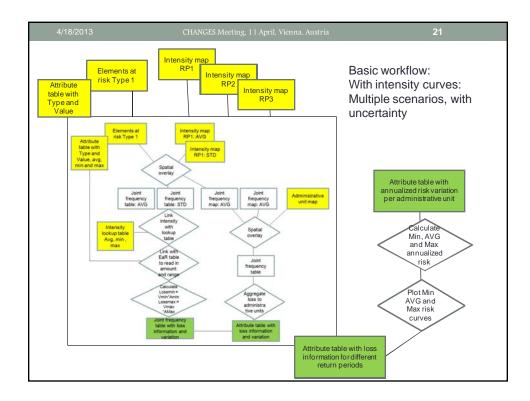


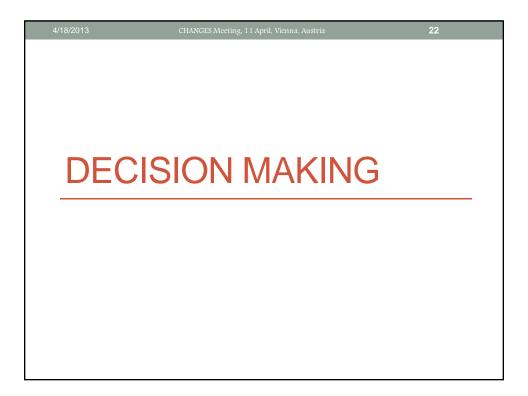


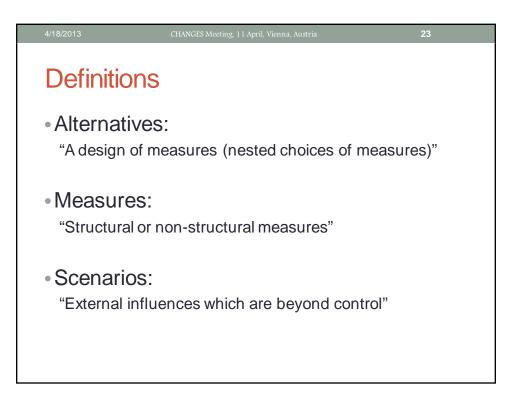


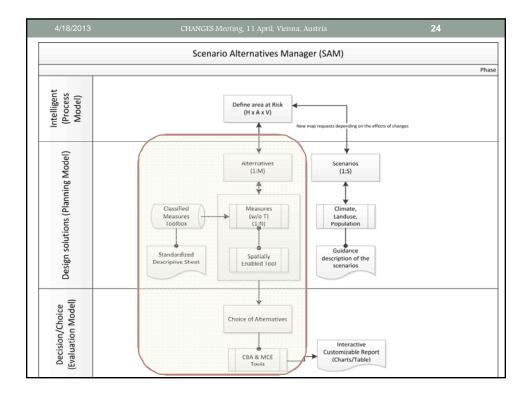




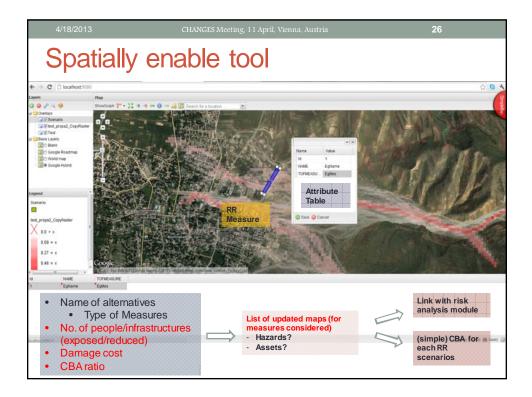




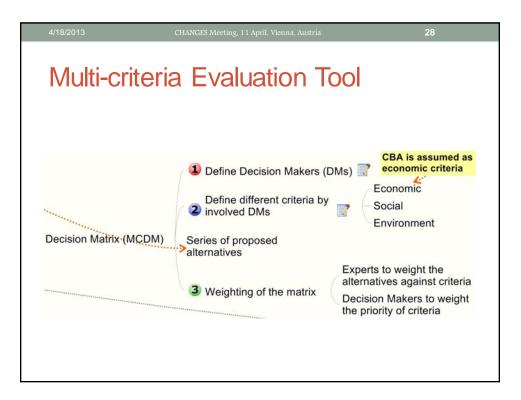




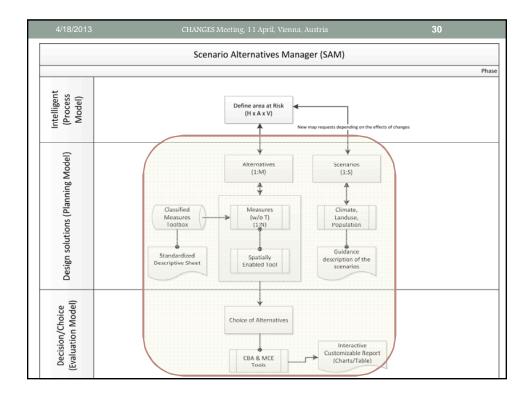
4/18/2013	CHANGES M	eeting, 11 April, Vienna	a, Austria		25	
Toolbox of measures						
	Applicable?	Prevention (hazards)	Adaptation (assets)	Cost- Benefits	Example(s)	
Structural						
1						
2						
3						
Non-structural						
1						
2						
3						

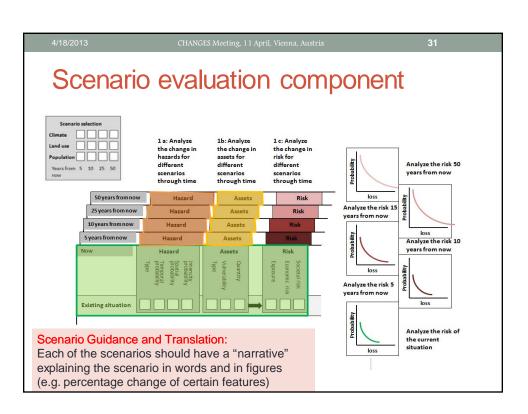


					27		
Cost Benefit Component							
"Simple	CBA with es						
Detaile							
	PROBABILITY	COST (€)	CASUALTIES	BENEFITS			
TERNATIVES/ Scenarios	0.1%	-RANGE-					
	5%	1711					
<b>₹</b> ″	20%						
	Level 1 "Simple Level 2	Level 1: "Simple CBA with es Level 2 & 3: "Detailed CBA with c PROBABILITY 0.1% 5%	Level 1: "Simple CBA with estimated (e Level 2 & 3: "Detailed CBA with complete in PROBABILITY COST (c) 0.1% -RANGE- 5%	Level 1: "Simple CBA with estimated (expert information)" Level 2 & 3: "Detailed CBA with complete information" PROBABILITY O.1% COST (€) CASUALTIES O.1% -RANGE	Level 1: "Simple CBA with estimated (expert information)" Level 2 & 3: "Detailed CBA with complete information" PROBABILITY         COST (€)         CASUALTIES         BENEFITS           0.1%         -RANGE-		

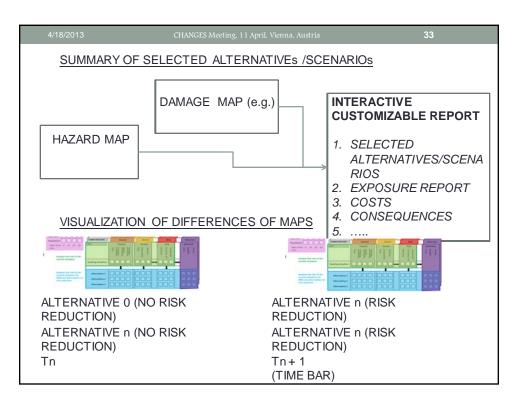


4/1	8/2013 CF	IANGES Meeting, 11 April, Vier	ına, Austria	29
C	Decision Ma	atrix		
	Criteria	Economic	Social	Environmental
	Alternatives	1 2 3		
	l		<ul><li>be defi</li><li>Decision</li></ul>	a and preferences to ned by stakeholders on matrix to be
	II		prepar	ed by experts
	III			
	IV			
(Alter	designed RR scenarios rnatives) to be designed e local experts			

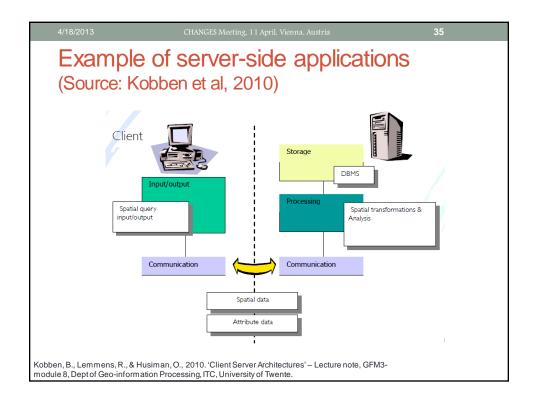


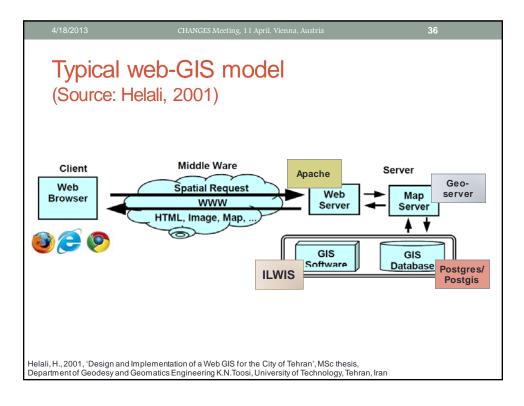


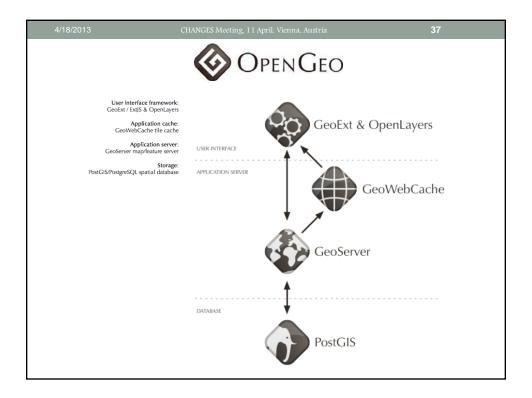
Z5 years from now         Hazard         Assets         Risk         Selection           10 years from now         Hazard         Assets         Risk         Selection           5 years from now         Hazard         Assets         Risk         Selection           Now         Hazard         Assets         Risk         Selection	4/18/201	3						32
S0 years from now     Hazard     Assets     Risk     See       25 years from now     Hazard     Assets     Risk     Select       10 years from now     Hazard     Assets     Risk     Select       5 years from now     Hazard     Assets     Risk     Select       5 years from now     Hazard     Assets     Risk     Select       10 years from now     Hazard     Risk     Select     Select       10 years from now     Hazard     Hazard     Risk     Select       10 years from now     Hazard     Risk     Select     Select       10 years from now     Hazard     Risk     Select     Select       10 year     Risk     Risk	Climate Land use Population S				alternatives in ri	isk reduction for		
JDysens from now     Hazard     Assets     Risk     Select       Sysens from now     Hazard     Assets     Risk     Select       Now     Hazard     Assets     Risk     Select       Now     Hazard     Assets     Risk     Select       Now     Hazard     Fromowic     Figure     Select       Now     Hazard     Fromowic     Figure     Select       Now     Hazard     Fromowic     Figure     Select       Selection     Figure     Figure     Figure     Select       Assets     Figure     Figure     Figure     Selection       Alternative 1     Figure     Figure     Figure     Figure		50 years from now	Hazard	Assets	_	Selection	Probability	Analyze the risk 50 years from now
Syears from now     Hazard     Assets     Risk     Selection       Now     Hazard     Assets     Risk     Selection       Now     Hazard     Notesta     Risk     Selection       Type     Solarity     County     Risk     Selection       Selection     Notesta     Risk     Selection       Type     Solarity     Risk     Selection       Selection     Notesta     Risk     Selection       Alternative 1     Risk     Risk     Selection		25 years from now	Hazard	Assets	Risk	Selection		11
New Hazard Hazard Risk Scientif risk Scienti		10 years from now	Hazard	Assets	Risk	Selection	loss	A
Existing situation  Existing situation  Alternative 2		5 years from now	Hazard	Assets	Risk	Selection	Analyze the risk 25 years from now	Probability
Existing situation	i i i	Now	Hazard	Assets	Risk	Selection		
Alternative 2			Intensity probability Spakal probability Temporal probability Type	Quantity Vulnerability Type	Societal risk Economic risk Exposure	Priority Benefits Costs	Probability	Analyze the risk 10 years from now
Alternative 2	1	Existing situation					Analyze the risk 15	Probability
Alternative 2			+	Ţ	+		years from now	Pro
		Alternative 1						loss
Alternative 3		Alternative 2					Probability	Analyze the risk of the current situation
		Alternative 3					loss	











	Positions announced		38
NR	Title	With	Where
01	Development of the spatial data management of the SDSS	PLUS	Salzburg (Austria)
02	Development of the data analysis modules within the SDSS	ITC	Enschede (Netherland s)
03	Development of the Spatial Decision Support Framework	UNIL	Lausanne (Switzerland
04	Development of web-based risk communication and visualization methods of the SDSS	TUDO	Dortmund (Germany)
05	Development of the cost-benefit component of the SDSS	TUD	Delft (Netherland s)