

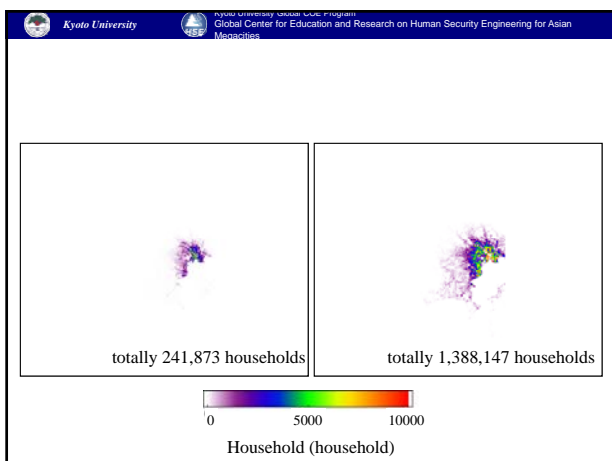
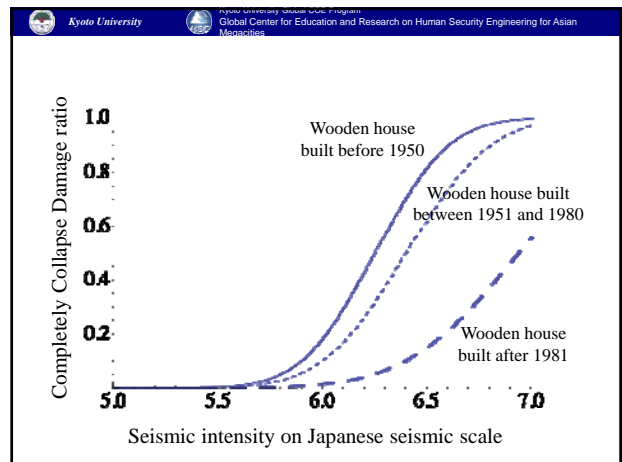
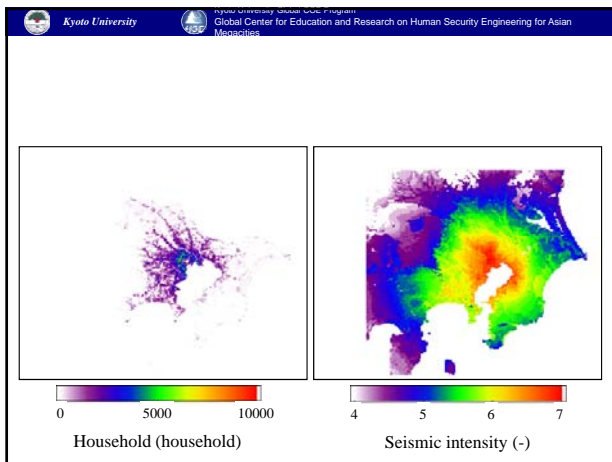
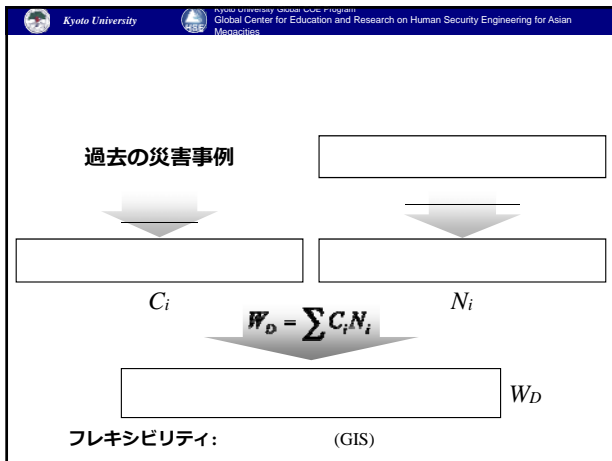
Kyoto University
Kyoto University Global COE Program
Global Center for Education and Research on Human Security Engineering for Asian
Metropolises

4
30 Oct., 2009

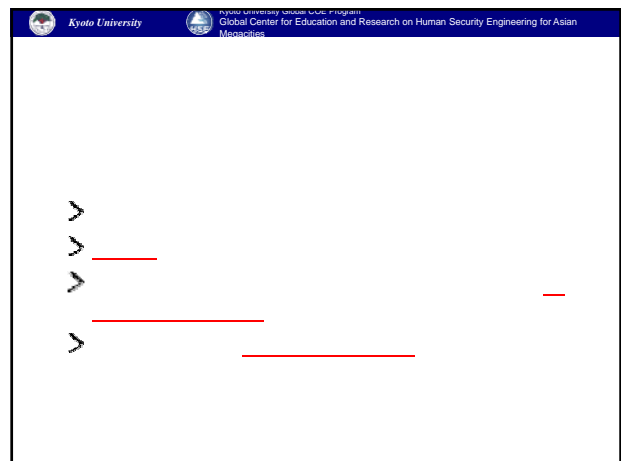
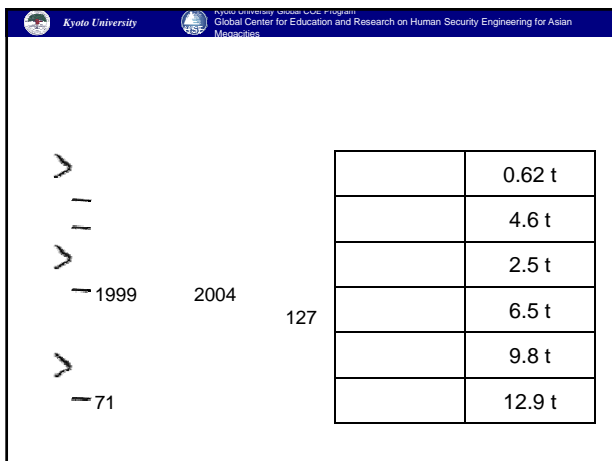
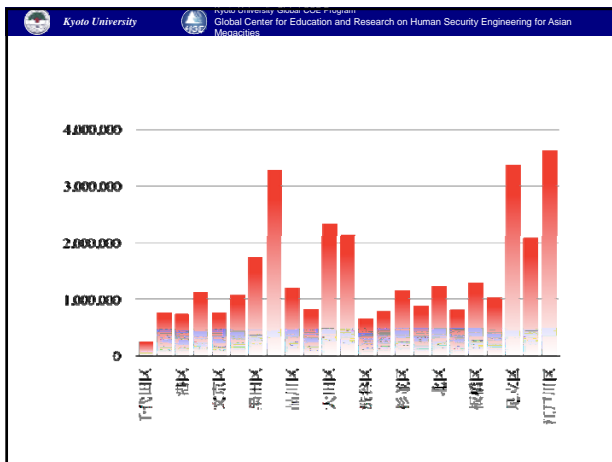
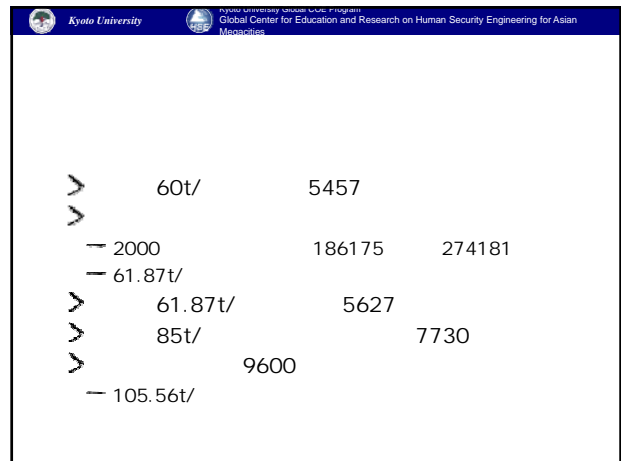
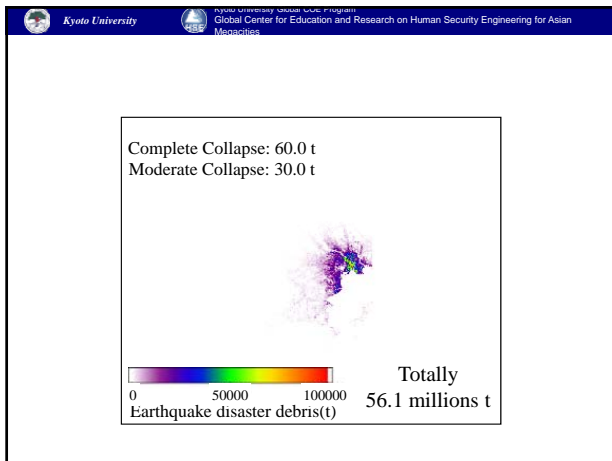
Kyoto University
Kyoto University Global COE Program
Global Center for Education and Research on Human Security Engineering for Asian
Metropolises

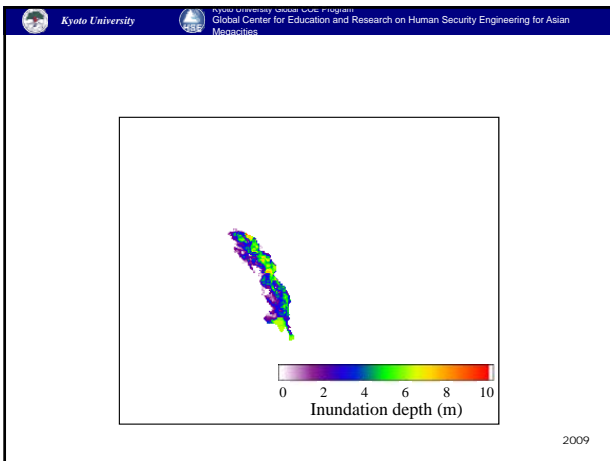
>
-
>
-
>
>





- Kyoto University Global Center for Education and Research on Human Security Engineering for Asian Metropolises
- - ✓ 0.6 /m²
 - ✓ 1.0 /m²
 - ✓ 0.23 /m²
 -
 - ✓ 0.40 0.61t/m²
 - ✓ 100m² 61t
 - ✓ 39.7 44.7t
 - ✓ 57t/ 85t/

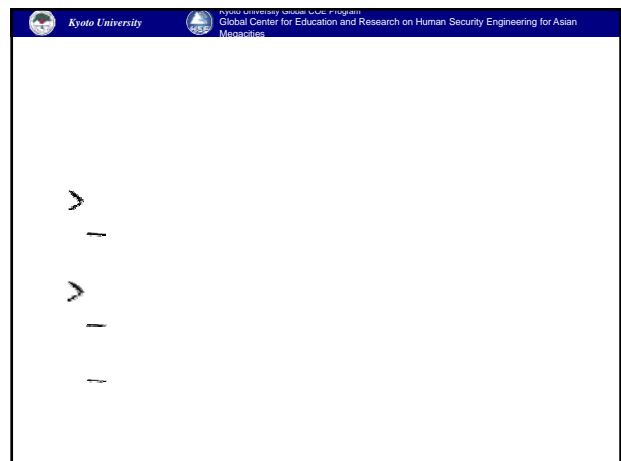
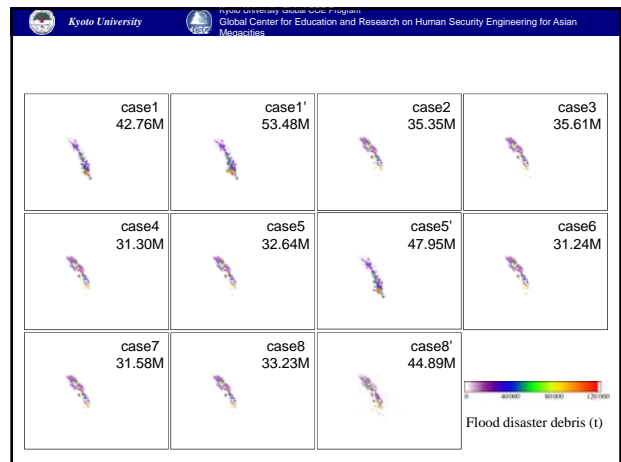


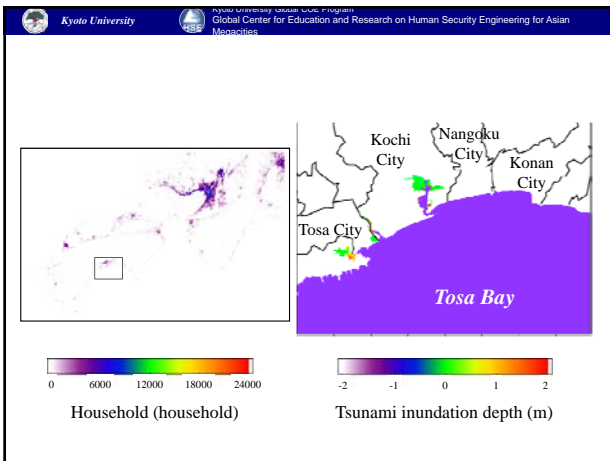


<i>H</i> (m)	
$H = 0.0$	
$0.0 < H \leq 0.45$	
$0.45 < H \leq 3.3$	
$H > 3.3$	

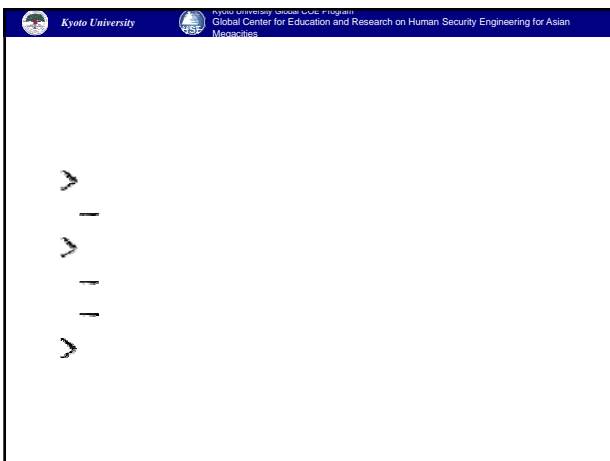
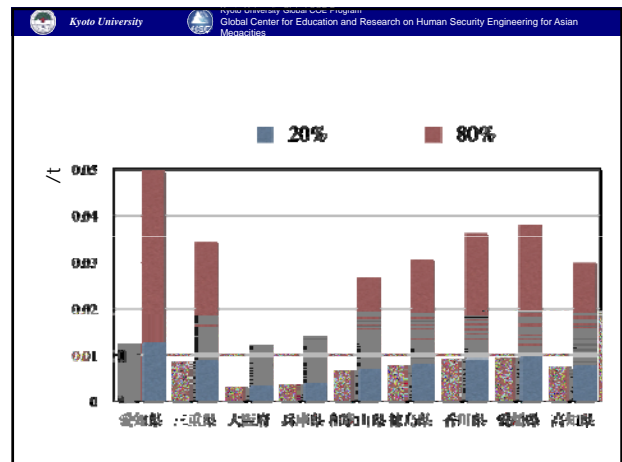
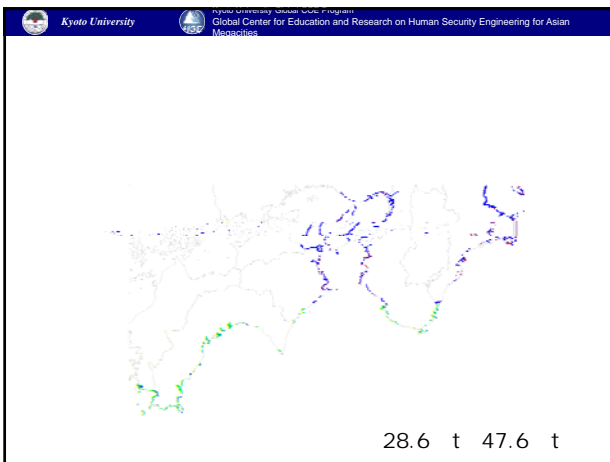
0.45m 2005
3.3m

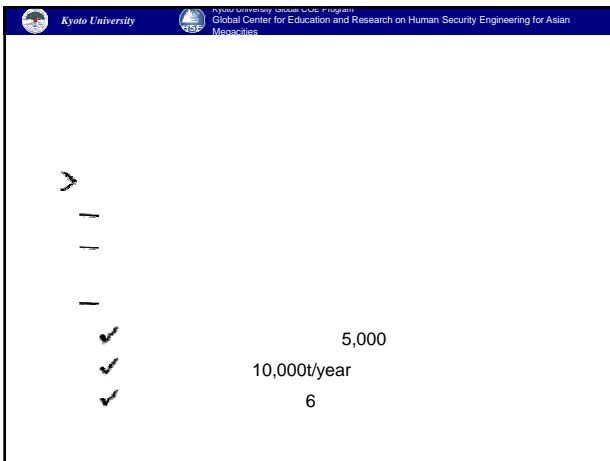
	Method-1	Method-2
	t/	t/
	0.0	0.0
	0.62	0.62
	4.6	60.0
	60.0	60.0





Water level of tsunami inundation H (m)	Housing damage
$0.0 \leq H < 0.5$	No damage
$0.5 \leq H < 1.5$	Inundation damage blow the floor level
$1.5 \leq H < 2.5$	Floor level inundation
$H \geq 2.5$	Complete Collapse





2004 23

				t	
	S	2500	4000	13315	10.62
	S	600	600	2949	9.38
	N	62	215	410	0.73
	N	930	370	4187	3.99
	O	89	167	490	0.34
	T	3852	4374	19290	9.51
	K	181	320	985	4.13
	I	300	-	1269	4.25

