WHE-PAGER PROJECT: BUILDING CONSTRUCTION VULNERABILITY AND INVENTORY

This form is divided into 3 parts:

Part I:	Contributors' Information
Part II:	Summary of Construction Types, Vulnerability and Population
Part III:	Colleagues Consulted, Additional Sources of Information Used

PART I: Contributors' Information

1. Country or Region (if you are only responding for part of a country, please indicate which geographic region. Note: the WHE strongly prefers national estimates, unless you have data that clearly apply to only one region):

2. Name(s) of Contributors
Charles Scawthorn
3. Affiliation (Organization)
Kyoto University
4. Mailing address (include city and country)
Katsura Campus, Kyoto Japan 606
5. E-mail

cscawthorn@att.net

6. Your self-rating of expertise or confidence: On a scale of 1=low and 5=high, please estimate your level of expertise:

4-5

Part II: Summary of Construction Types, Vulnerability and Population

	Construction Material			Probability of collapse (%) of building type when subjected to the specified shaking intensity				Fraction of population who LIVES in this building type		of on who in this type	Peak average # of occupants per building
	(choose from drop-down list)	Construction Subtype (Choose from drop-down listrefer to instructions to see complete list)	IX (~0.65-1.24g)	VIII (~0.34- 0.65g)	VII (~0.18-0.34g)	(~0.092- .18g)	urban	rural	urban	rural	
1	Masonry	Unreinforced brick masonry in cement mortar with reinforced concrete floor/roof slabs	30	20	5	0.1			-	-	200/day
2	Masonry	Confined brick/block masonry with concrete posts/tie columns and beams	20	5	1	-			3	3	100/day 10/night
	Structural concrete	Concrete moment resisting frames designed with seismic features	10	2	1	-			10	10	1000/day 100/night
	Structural concrete	Concrete moment resisting frames with unreinforced masonry infill walls	10	5	1	-			-	-	1000/day 100/night
	Structural concrete	Concrete moment resisting frame flat slab structure	15	3	1	-			5	5	300/day 50/night
	Structural concrete	Concrete moment resisting frame with concrete shear wallsdual system	4	1	-	-			10	-	500/day 100/night
	Structural concrete	Concrete shear walls cast in-situ	2	1	-	-	30	2	10	5	1000/day 1000/night
8	Steel	Steel moment resisting frame with cast in-situ concrete walls	2	1	-	-			20	10	1000/day 1000/night
9	Steel	Steel moment resisting frame with lightweight partitions	4	1	-	-			20	10	1000/day 1000/night
10	Steel	Steel braced frame concentric	4	1	-	-			10	10	1000/day 1000/night
11	Wood	Load-bearing timber frame walls with bamboo/reed (wattle & daub)	50	10	5	2	30	50	8	17	3 day/6 night
12 13	Wood	Load-bearing timber frame walls with bamboo/reed (wattle & daub)	15	5	1	-	40	48	4	30	3 day/6 night

14											
15											
16											
17											
18											
19											
	For other combinations, use blank fields below:										
20											
21											
22											
23											
24											
25											
26											
27											

Part III: Colleagues Consulted, Additional Sources of Information Used

1 Name	M. NAKASHIMA; J. KANDA	
Affiliation	KYOTO U	
Mailing		
address		
e-mail		
2 Name	OHMACHI; K. KAWASHIMA	
Affiliation	TOKYO INST. TECH	
Mailing		
address		
e-mail		
3 Name	H. YOSHIKAWA	
Affiliation	MUSASHI INST. TECH	
Mailing		
address		
e-mail		
4 Sources of in	formation you used (websites, publications, etc.) Please provide as much	n detail as possible.

5 Additional comments

I WOULD SUGGEST YOU REQUEST JAEE AND/OR AIJ TO COMPOSE AN AD HOC COMMITTEE TO COMPLETE THIS FORM.