## 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 Use

## 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):

	Taiwan			
2. Name(s) of Contributors				
	Wei-Chang Chen			
3. Affiliation (Organization)				
	NCREE (National Center for Research on Earthquake Engineering)			
4. Mailing address (include city a	nd country)			
	200, Sec. 3, Xinhai Rd., Taipei 10668, Taiwan			
5. E-mail				
	wcchen@ncree.org			
6. Your self-rating of expertise or confidence: On a scale of 1=low and 5=high, please estimate your level of expertise: 5				
7. Referred intensity scale: (MMI/EMS/MSK). If other scale is referred, please specify which one				

MSK-IX EMS-IX 23 22	MSK-VIII EMS-VIII	MSK-VII				Fraction of population who WORK in this building type	
23 22	EMS-VIII		MSK-VI	United	Dunal Au		Dunal
23	1		EMS-VI			Urban	
	4	0	0	0	0	1	1
24	5	0	0	0	0		0
24	5	0	0	0	0		0
66	29	3	0	1	1	1	1
30	7	0	0	18	31	18	35
27	6	0	0	44	27	43	30
27	6	0	0	21	3	24	3
56	21	2	0	0	0	0	0
rise 52	18	1	0	11	31	6	17
rise 52	18	1	0	2	2	1	1
64	27	2	0	1	2	1	2
19	3	0	0	0	0	0	1
22	4	0	0	0	1	1	2
24	5	0	0	1	2	1	6
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			l				
For other combinations (i.e., building types not available in the drop down list):							
							1
	rise 52 -rise 52 64 19 22 24 	rise 52 18 -rise 52 18 64 27 19 3 22 4 24 5 	rise 52 18 1 -rise 52 18 1 64 27 2 19 3 0 22 4 0 24 5 0 10 24 5 0 10 1 10 1	rise 52 18 1 0 -rise 52 18 1 0 64 27 2 0 19 3 0 0 22 4 0 0 24 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rise 52 18 1 0 11   rise 52 18 1 0 2   64 27 2 0 1   19 3 0 0 0   22 4 0 0 0   24 5 0 0 1   1 <th1< th=""> 1 <th< td=""><td>rise 52 18 1 0 11 31   -rise 52 18 1 0 2 2   64 27 2 0 1 2   19 3 0 0 0 0   22 4 0 0 0 1 2   24 5 0 0 1 2   0 1 2 1 2 1 2   1 24 5 0 0 1 2   0 1 2 1 2 1 2   1 24 5 0 0 1 2   1 1 1 1 1 1 2   1 1 1 1 1 2 1 2   1 1 1 1 1 1 1 2   1 1 1 1 1 1 1 1 2   1 1 1</td><td>rise 52 18 1 0 11 31 6   -rise 52 18 1 0 2 2 1   64 27 2 0 1 2 1   19 3 0 0 0 0 0   22 4 0 0 0 1 1   24 5 0 0 1 2 1   24 5 0 0 1 2 1   24 5 0 0 1 2 1   24 5 0 0 1 2 1   24 5 0 0 1 2 1   24 5 0 0 1 2 1   25 1 1 1 1 1 1   26 1 1 1 1 1 1 1   27 1 1 1 1 1 1 1 1</td></th<></th1<>	rise 52 18 1 0 11 31   -rise 52 18 1 0 2 2   64 27 2 0 1 2   19 3 0 0 0 0   22 4 0 0 0 1 2   24 5 0 0 1 2   0 1 2 1 2 1 2   1 24 5 0 0 1 2   0 1 2 1 2 1 2   1 24 5 0 0 1 2   1 1 1 1 1 1 2   1 1 1 1 1 2 1 2   1 1 1 1 1 1 1 2   1 1 1 1 1 1 1 1 2   1 1 1	rise 52 18 1 0 11 31 6   -rise 52 18 1 0 2 2 1   64 27 2 0 1 2 1   19 3 0 0 0 0 0   22 4 0 0 0 1 1   24 5 0 0 1 2 1   24 5 0 0 1 2 1   24 5 0 0 1 2 1   24 5 0 0 1 2 1   24 5 0 0 1 2 1   24 5 0 0 1 2 1   25 1 1 1 1 1 1   26 1 1 1 1 1 1 1   27 1 1 1 1 1 1 1 1

Part III: Colleagues Consulted, Additional Sources of Information Used

1 Name

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4 Sources of information you used (websites, publications, etc.) Please provide as much detail as possible. Taiwan Earthquake Loss Estimation System (TELES) developed by NCREE

Wen-I Liao, Study on the Fragility of Building Structures in Taiwan, 2005 Natural Hazards

5 Additional comments



Day Peak average # of occupants per building	Night Peak average # of occupants per building
0.2	0.2
3.7	1.4
22.5	7.6
127.6	42.5
2.5	1.6
2.9	2.8
16.2	16.1
111.6	92.0
3.6	1.1
1.3	2.2
5.4	10.6
0.6	0.5
4.1	1.6
21.6	8.1
106.0	47.5

