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):

Colombia

2. Name(s) of Contributors

LUIS G. MEJIA

3. Affiliation (Organization)

4. Mailing address (include city and country)

CL. 49B N° 77 B 12 Medellín - Colombia

5. E-mail

lgm@une.net.co

6. Your self-rating of expertise or confidence: On a scale of 1=low and 5=high, please estimate your level of expertise: 4

Part II: Summary of Construction Types, Vulnerability and Population

	Construction Material (choose from drop-down list)	Construction Subtype (Choose from drop-down list--refer to instructions to see complete list)	Probability of collapse (%) of building type when subjected to the specified shaking intensity				Fraction of population who LIVES in this building type		Fraction of population who WORKS in this building type		Peak average # of occupants per building
			IX (~0.65-1.24g)	VIII (~0.34-0.65g)	VII (~0.18-0.34g)	VI (~0.092-.18g)	urban	rural	urban	rural	
1	Masonry	Mud walls with horizontal wood elements	100	80	50	20	2	35	5	40	6N
2	Masonry	Unreinforced brick masonry in cement mortar with reinforced concrete floor/roof slabs	100	80	50	10	30	30	30	15	6N
3	Masonry	Confined brick/block masonry with concrete posts/tie columns and beams	60	40	15	5	10	2	5	5	5N
4	Masonry	Concrete moment resisting frames designed for gravity loads only	100	80	40	10	15	3	30	5	50N
5	Structural concrete	Concrete moment resisting frames designed with seismic features	80	40	20	0	15	1	10	5	50N
6	Structural concrete	Concrete moment resisting frames with unreinforced masonry infill walls	40	20	10	5	15	0	10	5	100N
7	Structural concrete	Concrete moment resisting frame with concrete shear walls--dual system	20	10	5	0	5	0	0	0	160N
8	Structural concrete	Concrete shear walls cast in-situ	15	10	0	0	1	0	0	0	180N
9	Steel	Steel moment resisting frame with brick masonry partitions	25	10	5	0	1	0	0	0	50N
10											
11											
12											
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19											
20											

For other combinations, use blank fields below:

21											
22											
23											
24											
25											
26											
27											

Part III: Colleagues Consulted, Additional Sources of Information Used

1	Name	
	Affiliation	
	Mailing address	
	e-mail	

2	Name	
	Affiliation	
	Mailing address	
	e-mail	

3	Name	
	Affiliation	
	Mailing address	
	e-mail	

4 Sources of information you used (websites, publications, etc.) Please provide as much detail as possible.

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http://revistaing.uniandes.edu.co/pdf/rev10art2.pdf?ri=bf189ab5deee6d22569a1d58cfb9ee46
http://www.dane.gov.co/censo/files/boletines/bol_ampliado.pdf

5 Additional comments