

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):

Mexico

2. Name(s) of Contributors

Sergio M. Alcocer

3. Affiliation (Organization)

Director, Instituto de Ingenieria, UNAM

4. Mailing address (include city and country)

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5. E-mail

salcocerm@ii.unam.mx

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

5

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	
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For other combinations, use blank fields below:

21	Masonry	Earthen/mud/adobe/rammed earthen walls #5	90	70	40	10	very low	moderate	very low	moderate	5
22	Masonry	Clay brick/block masonry walls #9	80	60	30	10	low	moderate	very low	moderate	5

23	Masonry	Clay/concrete (confined) #10	15	10	5	0	high	moderate	moderate	moderate	5
24	Masonry	Concrete block masonry #12	20	15	10	0	moderate	moderate	moderate	moderate	5
25	Structural concrete	Moment resisting frame #15	50	40	20	5	low	very low	moderate	very low	50
26	Structural concrete	Moment resisting frame #16	40	20	10	0	low	very low	moderate	very low	80
27	Structural concrete	Moment resisting frame #17	80	60	30	10	low	very low	moderate	very low	80
28	Structural concrete	Moment resisting frame #19	20	15	10	0	low	very low	moderate	very low	100
29	Steel	Moment resisting frame #23	50	30	10	0	very low	low	very low	low	100
30	Steel	Braced frame #26	30	15	10	0	very low	very low-	very low	very low	100
31											
32											
33											
34											

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.

5 Additional comments