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):

	Romania
2. Name(s) of Contributors	
	Dan Lungu, Radu Vacareanu
3. Affiliation (Organization)	
	Technical University of Civil Engineering of Bucharest
4. Mailing address (include city a	nd country)
	124, Lacul Tei Blvd., Sector 2, RO-020396, Bucharest, Romania
5. E-mail	
	lungud@utcb.ro, vradu@utcb.ro

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

7. Referred intensity scale: (MMI/EMS/MSK). If other scale is referred, please specify which one

EMS

5 in general, 4 for this report

Part II: Summary of Construction Types, Vulnerability and Population

			Probability of subjected to th MMI-IX	collapse (%) c he specified s MMI-VIII	of building type haking intensi MMI-VII	e when ty MMI-VI	Frac popu who this b	tion of Ilation LIVE in uilding ype	Frac pope who V this b	tion of ulation VORK in uilding ype	Peak averane # of
	Construction Material (choose from drop-down list)	Construction Subtype (Choose from drop-down list)	MSK-IX EMS-IX	MSK-VIII EMS-VIII	MSK-VII EMS-VII	MSK-VI EMS-VI	Urban	Rural Ar	Urban	Rural	occupants per building
1	Adobe/Mud Walls	Mud walls with horizontal wood elements	35.0	6.0	0.5	0.1	8	45			3
2	Stone/Block Masonry	Local field stones with lime mortar.	25.0	3.0	0.5	0.0	4	. 8			3
3	Brick Masonry	timber or steel beams and columns, tie courses (bricks aligned	15.0	2.0	0.1	0.0	12	20			4
4	Brick Masonry	reinforced concrete floor and roof slabs	3.0	0.5	0.0	0.0	25	12			5
5	Reinforced/Confined Masonry	Reinforced masonry bearing walls with concrete diaphragms	0.1	0.0	0.0	0.0	5	0			12
6	Reinforced Concrete	Nonductile reinforced concrete frame with masonry infill walls	20.0	5.0	0.1	0.0	10	0			50
7	Reinforced Concrete	Ductile reinforced concrete moment frame with or without infill	0.5	0.1	0.0	0.0	10	0			50
8	Reinforced Concrete	Reinforced concrete shear walls	0.1	0.0	0.0	0.0	15	0			50
9	Precast Concrete	Precast panels (wall panel structure)	0.2	0.0	0.0	0.0	7	0			50
0											
1	Steel	Steel moment frame	1.0	0.5	0.0	0.0	1	0			50
2	Steel	Steel braced frame	0.1	0.0	0.0	0.0	1	0			50
3	Wood/Timber	Wooden panel or log construction	2.0	1.0	0.0	0.0	2	15			3
4											
5											
6											
7											
8											
9											
20											
	For other combinations (i.e., build	l ding types not available in the drop down list):	<u> </u>	L	1	I	L	L	L		I
21											
22			1								
23			1				l				
~			1				1	1		1	

	Part III: Colleagues Consulted, A	dditional 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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		& Saito T., Independent Film, Bucharest Romania, 315p
5	Additional comments	