

APPENDIX TO:

WHAT SCIENTIFIC INFORMATION ON THE SEISMIC RISK TO NON-STRUCTURAL ELEMENTS DO PEOPLE NEED TO KNOW? PART 1: COMPILING AN INVENTORY ON DAMAGE TO NON-STRUCTURAL ELEMENTS

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Annex 1. Photographic documentation

The main result of the non-structural damage (NSD) analysis in terms of risk communication tools relevant for the Mt. Etna pilot area is the publication of a booklet giving an overview of the observed NSD during recent earthquakes at Etna volcano. The photographic documentation, with brief explanatory descriptions, outlines the most common types of damage that frequently occur during moderate earthquakes, but which may be limited by adequate technical design or even simple precautions.



Figure A1. Cover of the booklet devoted to NSD risk communication outreach in the Mt. Etna pilot area, and example of a page inside [Azzaro et al., 2016].

Annex 2. Data collected for each Lisbon parish

Table A1 - Data collected for each Lisbon parish

LISBON PARISHES	Broken windows and out-of-frame doors	Water infiltration / minor cracking	Collapse masonry chimneys	Fall of appendages	Cracks, spalling of plasters, ceilings; damage in roofs and landslides	Moderate structural damage, in some cases requiring evacuation	TOTAL
S. FRANCISCO XAVIER		1	1				2
S. JOÃO DEUS	1	2	3			2	8
S. VICENTE FORA		24	20		2	9	55
SÉ		12	19	1		5	37
S. JOSÉ		19	25	2	8	9	63
SANTOS-O-VELHO		47	63	2	6	18	136
S. NICOLAU		22	47	2	9	2	82
S. JUSTA	2	24	27	5	4	11	73
S. MAMEDE		18	24		2	5	49
S. ISABEL		7	4		1	1	13
S. CONDESTÁVEL		24	25	1	6	9	65
S. DOMING. BENFICA		12	6		2		20
N.S.PENA	2	30	22	2	5	10	71
S. JORGE ARROIOS	1	79	73	4	15	10	182
ALVALADE		4	5			2	11
CHARNECA	1	2					3
N.S.GRAÇA		51	42		7	8	108
S. PAULO	1	21	45	3	4	7	81
S. ENGRACIA		8	8	1	2	6	25
S. SEBAST. PEDR.		12	11		1	4	28
BEATO		18	9		6	7	40
ALTO DE PINA	2	5	4				11
S. ESTEVÃO	1	15	14	2	2	9	43
N.S.MÁRTIRES		4	12	4	3	1	24
S. TIAGO		10	6		1	2	19
CAMPOLIDE		12	6		1	10	29
ALCÂNTARA		16	21	3	7	5	52
PENHA DE FRANÇA		37	35	1	9	9	91
CASTELO	1	8	6		1	7	23
SOCORRO		22	15	1	5	3	46
S. JOÃO	1	26	27	1	10	4	69

S. MARIA OLIVAIS		11	1			2	14
LUMIAR		8	3			2	13
CORAÇÃO DE JESUS		18	17	6	5	3	49
S. MIGUEL		28	10		4	14	56
ANJOS	2	30	58	2	18	18	128
MERCÊS		20	41		6	10	77
N.S.FÁTIMA	3	22	47		3	14	89
AJUDA		16	6	2	4	9	37
AMEIXOEIRA		1	1	1		1	4
ENCARNAÇÃO		21	31	2	9	7	70
C.GRANDE		7	3			3	13
S.JOÃO BRITO		2	4		2	4	12
MARVILA	1	8	8		4	14	35
SACRAMENTO		10	9	2	2	1	24
S.CATARINA		35	42	3	2	5	87
MADALENA		7	6		1		14
LAPA		21	34		3	14	72
CARNIDE		4				1	5
BENFICA		11	7		1	5	24
PRAZERES		6	11	1	2	5	25
S. CRISTOVÃO S. LOURENÇO		6	16	1	3	7	33
S. MARIA BELÉM		9	6		1	2	18
TOTALS	19	893	986	55	189	316	2458