

Supplementary1. Basic characteristics of those with and without risk of flooding and landslides

among research participants. (2020–2021)

	Group at risk of flooding and/or landslides (%) (N=169)	Group at risk of flooding (%) (N=141)	Group at risk of landslide disaster (%) (N=32)
Sex			
Male	72 (42.6)	56 (39.7)	17 (53.1)
Female	97 (57.4)	85 (60.3)	15 (46.9)
Age			
average	68.4	62.8	81.9
100-	5 (3.0)	3 (2.1)	2 (6.3)
90-99	27 (16.0)	19 (13.5)	9 (28.1)
80-89	55 (32.5)	45 (31.9)	12 (37.5)
70-79	26 (15.4)	21 (14.9)	6 (18.8)
60-69	16 (9.5)	15 (10.6)	1 (3.1)
50-59	5 (3.0))	5 (3.5)	
40-49	1 (0.6)	1 (0.7)	
30-39	10 (5.9)	9 (6.4)	1 (3.1)
20-29	3 (1.8)	2 (1.4)	1 (3.1)
10-19	4 (2.4)	4 (2.8)	
0-9	17 (10.1)	17 (12.1)	
Number of people who need for care or support	99 (58.6)	77 (54.6)	26 (81.3)

Supplementary2. Tabulation of basic characteristics of participants included in the analysis and their responses to the questionnaire.

	Number (%) (n=87)
Awareness of disaster risk is correct	
Yes	40 (46.0)
No	47 (54.0)
Sex	
Male	32 (36.8)
Female	55 (63.2)
Age	
0~75	34 (39.1)
75~	53 (60.9)
Presence of Certified for Long-Term Care Support	
Yes	58 (66.7)
No	29 (33.3)
Primary disease	
Nervous	23 (26.4)
Mental	26 (29.9)
Neoplasm	9 (10.3)
Others	29 (33.3)
Presence of flooding risk	
Yes	75 (86.2)
No	12 (13.8)
Flooding depth (m)	
0~3	43 (49.4)
3~	44 (50.6)
Presence of landslide risk	
Yes	14 (16.1)
No	73 (83.9)
Presence of special alert	
Yes	8 (9.2)
No	79 (90.8)
Building count	
2 or more	71 (81.6)

1	16 (18.4)
Home structure	
Wood	52 (59.8)
Others	26 (29.9)
Not available	9 (10.3)
Presence of medical device use	
Yes	22 (25.3)
No	54 (62.1)
Not available	11 (12.6)
Evacuation is important	
Yes	75 (86.2)
No	12 (13.8)
Presence of difficulties in evacuating alone	
Yes	82 (94.3)
No	3 (3.4)
Not available	2 (2.3)
Bedroom floor	
2 or more	63 (72.4)
1	19 (21.8)
Not available	5 (5.7)
Presence of evacuation concern	
Yes	79 (90.8)
No	8 (9.2)
Respondents	
Patient	24 (27.6)
Others	63 (72.4)
Number of disaster risk	
1	85 (97.7)
2	2 (2.3)

Supplementary3.Information for all patients receiving home care.

	Number
Patients listed on medical records	390
hospitalized	7
Ended service	44
Institutionalized	104
Others	36
Using servive	199