**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 |