

様式 2

事業費集計表

(治山事業)

事業名：直轄地すべり防止事業

都道府県名：新潟県

施行箇所：頸城地区

(単位：千円)

年度	事業費			年度	事業費		
	事業費	割引率	現在価値額		事業費	割引率	現在価値額
S 3 4		× 8.3138		H 3 2	261,889	× 0.7599	199,009
S 3 5	9,997	× 7.9941	79,917	H 3 3	209,511	× 0.7307	153,090
S 3 6	13,770	× 7.6866	105,844	H 3 4	122,792	× 0.7026	86,274
S 3 7	22,999	× 7.3910	169,986	H 3 5	55,000	× 0.6756	37,158
S 3 8	32,437	× 7.1067	230,520	H 3 6	0	× 0.6496	0
S 3 9	51,912	× 6.8333	354,730	H 3 7	0	× 0.6246	0
S 4 0	82,544	× 6.5705	542,355	H 3 8	0	× 0.6006	0
S 4 1	92,331	× 6.3178	583,329	H 3 9	0	× 0.5775	0
S 4 2	102,060	× 6.0748	619,994	H 4 0	0	× 0.5553	0
S 4 3	108,862	× 5.8412	635,885	H 4 1	0	× 0.5339	0
S 4 4	154,192	× 5.6165	866,019	H 4 2	0	× 0.5134	0
S 4 5	169,174	× 5.4005	913,624	H 4 3	0	× 0.4936	0
S 4 6	202,133	× 5.1928	1,049,636	H 4 4	0	× 0.4746	0
S 4 7	234,633	× 4.9931	1,171,546	H 4 5	0	× 0.4564	0
S 4 8	226,283	× 4.8010	1,086,385	H 4 6	0	× 0.4388	0
S 4 9	244,473	× 4.6164	1,128,585	H 4 7	0	× 0.4220	0
S 5 0	276,357	× 4.4388	1,226,693	H 4 8	0	× 0.4057	0
S 5 1	225,377	× 4.2681	961,932	H 4 9	0	× 0.3901	0
S 5 2	212,932	× 4.1039	873,852	H 5 0	0	× 0.3751	0
S 5 3	299,012	× 3.9461	1,179,931	H 5 1	0	× 0.3607	0
S 5 4	334,650	× 3.7943	1,269,762	H 5 2	0	× 0.3468	0
S 5 5	292,839	× 3.6484	1,068,394	H 5 3	0	× 0.3335	0
S 5 6	331,698	× 3.5081	1,163,630	H 5 4	0	× 0.3207	0
S 5 7	306,299	× 3.3731	1,033,177	H 5 5	0	× 0.3083	0
S 5 8	302,299	× 3.2434	980,477	H 5 6	0	× 0.2965	0
S 5 9	293,099	× 3.1187	914,088	H 5 7	0	× 0.2851	0
S 6 0	317,298	× 2.9987	951,482	H 5 8	0	× 0.2741	0
S 6 1	291,714	× 2.8834	841,128	H 5 9	0	× 0.2636	0
S 6 2	407,185	× 2.7725	1,128,920	H 6 0	0	× 0.2534	0
S 6 3	300,847	× 2.6658	801,998	H 6 1	0	× 0.2437	0
H 1	327,249	× 2.5633	838,837	H 6 2	0	× 0.2343	0
H 2	308,598	× 2.4647	760,601	H 6 3	0	× 0.2253	0
H 3	265,451	× 2.3699	629,092	H 6 4	0	× 0.2166	0
H 4	359,474	× 2.2788	819,169	H 6 5	0	× 0.2083	0
H 5	450,490	× 2.1911	987,069	H 6 6	0	× 0.2003	0
H 6	308,205	× 2.1068	649,326	H 6 7	0	× 0.1926	0
H 7	340,982	× 2.0258	690,761	H 6 8	0	× 0.1852	0
H 8	351,855	× 1.9479	685,378	H 6 9	0	× 0.1780	0
H 9	342,658	× 1.8730	641,798	H 7 0	0	× 0.1712	0
H 1 0	583,879	× 1.8009	1,051,508	H 7 1	0	× 0.1646	0
H 1 1	649,145	× 1.7317	1,124,124	H 7 2	0	× 0.1583	0
H 1 2	765,296	× 1.6651	1,274,294	H 7 3	0	× 0.1522	0
H 1 3	621,734	× 1.6010	995,396	H 7 4	0	× 0.1463	0
H 1 4	599,177	× 1.5395	922,433	H 7 5	0	× 0.1407	0
H 1 5	417,558	× 1.4802	618,069	H 7 6	0	× 0.1353	0
H 1 6	411,331	× 1.4233	585,447	H 7 7	0	× 0.1301	0
H 1 7	333,637	× 1.3686	456,616	H 7 8	0	× 0.1251	0
H 1 8	430,759	× 1.3159	566,836	H 7 9	0	× 0.1203	0
H 1 9	364,000	× 1.2653	460,569	H 8 0	0	× 0.1157	0
H 2 0	380,115	× 1.2167	462,486	H 8 1	0	× 0.1112	0
H 2 1	268,766	× 1.1699	314,429	H 8 2	0	× 0.1069	0
H 2 2	306,306	× 1.1249	344,564	H 8 3	0	× 0.1028	0
H 2 3	442,974	× 1.0816	479,121	H 8 4	0	× 0.0989	0
H 2 4	366,160	× 1.0400	380,806	H 8 5	0	× 0.0951	0
H 2 5	893,864	× 1.0000	893,864				
H 2 6	506,453	× 0.9615	486,955				
H 2 7	476,066	× 0.9246	440,171				
H 2 8	447,502	× 0.8890	397,829				
H 2 9	402,752	× 0.8548	344,272				
H 3 0	362,477	× 0.8219	297,920				
H 3 1	308,105	× 0.7903	243,495				
				合 計	44,252,585		
				C =	44,252,585 千円		

$$B = \sum_{t=1}^{T-1} \frac{t}{T \times (1+i)^t} + \sum_{t=T}^Y \frac{1}{(1+i)^t} \times D \times R$$

- D: 山腹崩壊等によって被害を被る家屋や資材等の年平均の被害想定額
H18頸城地区全体計画調査データより
- R: 年間山腹崩壊発生率
- T: 整備期間
- Y: 評価期間

59,791,793,042
0.037
64
114

年度	社会的割引率	t/T	効果額	現在価値化
1959	8.3138			
1960	7.9941	0.0005	1,106	8,841
1961	7.6866	0.0012	2,655	20,408
1962	7.3910	0.0023	5,088	37,605
1963	7.1067	0.0040	8,849	62,887
1964	6.8333	0.0066	14,601	99,773
1965	6.5705	0.0107	23,672	155,537
1966	6.3178	0.0153	33,848	213,845
1967	6.0748	0.0204	45,131	274,162
1968	5.8412	0.0259	57,298	334,689
1969	5.6165	0.0336	74,333	417,491
1970	5.4005	0.0421	93,138	502,992
1971	5.1928	0.0522	115,482	599,675
1972	4.9931	0.0639	141,366	705,855
1973	4.8010	0.0752	166,365	798,718
1974	4.6164	0.0875	193,576	893,624
1975	4.4388	0.1013	224,106	994,762
1976	4.2681	0.1126	249,105	1,063,205
1977	4.1039	0.1232	272,555	1,118,538
1978	3.9461	0.1382	305,739	1,206,477
1979	3.7943	0.1549	342,685	1,300,250
1980	3.6484	0.1696	375,205	1,368,898
1981	3.5081	0.1862	411,930	1,445,092
1982	3.3731	0.2015	445,778	1,503,654
1983	3.2434	0.2167	479,405	1,554,902
1984	3.1187	0.2313	511,704	1,595,851
1985	2.9987	0.2472	546,880	1,639,929
1986	2.8834	0.2618	579,179	1,670,005
1987	2.7725	0.2822	624,310	1,730,899
1988	2.6658	0.2972	657,494	1,752,748
1989	2.5633	0.3136	693,776	1,778,356
1990	2.4647	0.3291	728,067	1,794,467
1991	2.3699	0.3423	757,269	1,794,652
1992	2.2788	0.3603	797,090	1,816,409
1993	2.1911	0.3829	847,088	1,856,055
1994	2.1068	0.3983	881,158	1,856,424
1995	2.0258	0.4154	918,988	1,861,686
1996	1.9479	0.4330	957,924	1,865,940
1997	1.8730	0.4501	995,755	1,865,049
1998	1.8009	0.4794	1,060,575	1,909,990
1999	1.7317	0.5118	1,132,253	1,960,723
2000	1.6651	0.5501	1,216,984	2,026,400
2001	1.6010	0.5813	1,286,008	2,058,899
2002	1.5395	0.6112	1,352,156	2,081,644
2003	1.4802	0.6321	1,398,393	2,069,901
2004	1.4233	0.6527	1,443,966	2,055,197
2005	1.3686	0.6694	1,480,911	2,026,775
2006	1.3159	0.6910	1,528,697	2,011,612
2007	1.2653	0.7092	1,568,961	1,985,206
2008	1.2167	0.7282	1,610,994	1,960,096
2009	1.1699	0.7417	1,640,860	1,919,642
2010	1.1249	0.7570	1,674,708	1,883,879
2011	1.0816	0.7792	1,723,821	1,864,485
2012	1.0400	0.7975	1,764,306	1,834,878
2013	1.0000	0.8422	1,863,196	1,863,196
2014	0.9615	0.8676	1,919,388	1,845,492
2015	0.9246	0.8914	1,972,041	1,823,349
2016	0.8890	0.9138	2,021,596	1,797,199
2017	0.8548	0.9340	2,066,285	1,766,260
2018	0.8219	0.9521	2,106,327	1,731,190
2019	0.7903	0.9675	2,140,397	1,691,556
2020	0.7599	0.9806	2,169,378	1,648,510
2021	0.7307	0.9911	2,192,607	1,602,138
2022	0.7026	0.9972	2,206,102	1,550,007
2023	0.6756	1.0000	2,212,296	1,494,627
2024	0.6496	1.0000	2,212,296	1,437,107
2025	0.6246	1.0000	2,212,296	1,381,800
2026	0.6006	1.0000	2,212,296	1,328,705
2027	0.5775	1.0000	2,212,296	1,277,601
2028	0.5553	1.0000	2,212,296	1,228,488
2029	0.5339	1.0000	2,212,296	1,181,145

