

様式 2

事業費集計表

(治山事業)

事業名： 地すべり防止
 施行箇所： 磐井川

都道府県名： 岩手

(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 4 3		× 5.8412		H 4 1	0	× 0.5339	0
S 4 4	18,783	× 5.6165	105,495	H 4 2	0	× 0.5134	0
S 4 5	35,646	× 5.4005	192,506	H 4 3	0	× 0.4936	0
S 4 6	90,937	× 5.1928	472,218	H 4 4	0	× 0.4746	0
S 4 7	145,383	× 4.9931	725,912	H 4 5	0	× 0.4564	0
S 4 8	102,583	× 4.8010	492,501	H 4 6	0	× 0.4388	0
S 4 9	103,582	× 4.6164	478,176	H 4 7	0	× 0.4220	0
S 5 0	121,773	× 4.4388	540,526	H 4 8	0	× 0.4057	0
S 5 1	101,958	× 4.2681	435,167	H 4 9	0	× 0.3901	0
S 5 2	259,827	× 4.1039	1,066,304	H 5 0	0	× 0.3751	0
S 5 3	291,804	× 3.9461	1,151,488	H 5 1	0	× 0.3607	0
S 5 4	268,826	× 3.7943	1,020,006	H 5 2	0	× 0.3468	0
S 5 5	276,295	× 3.6484	1,008,035	H 5 3	0	× 0.3335	0
S 5 6	261,175	× 3.5081	916,228	H 5 4	0	× 0.3207	0
S 5 7	259,378	× 3.3731	874,908	H 5 5	0	× 0.3083	0
S 5 8	258,135	× 3.2434	837,235	H 5 6	0	× 0.2965	0
S 5 9	252,441	× 3.1187	787,288	H 5 7	0	× 0.2851	0
S 6 0	277,488	× 2.9987	832,103	H 5 8	0	× 0.2741	0
S 6 1	280,893	× 2.8834	809,927	H 5 9	0	× 0.2636	0
S 6 2	368,584	× 2.7725	1,021,899	H 6 0	0	× 0.2534	0
S 6 3	327,157	× 2.6658	872,135	H 6 1	0	× 0.2437	0
H 1	329,654	× 2.5633	845,002	H 6 2	0	× 0.2343	0
H 2	303,883	× 2.4647	748,980	H 6 3	0	× 0.2253	0
H 3	261,567	× 2.3699	619,888	H 6 4	0	× 0.2166	0
H 4	330,539	× 2.2788	753,232	H 6 5	0	× 0.2083	0
H 5	286,558	× 2.1911	627,877	H 6 6	0	× 0.2003	0
H 6	341,397	× 2.1068	719,255	H 6 7	0	× 0.1926	0
H 7	357,342	× 2.0258	723,903	H 6 8	0	× 0.1852	0
H 8	251,330	× 1.9479	489,566	H 6 9	0	× 0.1780	0
H 9	299,037	× 1.8730	560,096	H 7 0	0	× 0.1712	0
H 1 0	357,841	× 1.8009	644,436	H 7 1	0	× 0.1646	0
H 1 1	406,914	× 1.7317	704,653	H 7 2	0	× 0.1583	0
H 1 2	329,516	× 1.6651	548,677	H 7 3	0	× 0.1522	0
H 1 3	287,540	× 1.6010	460,352	H 7 4	0	× 0.1463	0
H 1 4	214,587	× 1.5395	330,357	H 7 5	0	× 0.1407	0
H 1 5	241,785	× 1.4802	357,890	H 7 6	0	× 0.1353	0
H 1 6	237,521	× 1.4233	338,064	H 7 7	0	× 0.1301	0
H 1 7	267,112	× 1.3686	365,569	H 7 8	0	× 0.1251	0
H 1 8	252,686	× 1.3159	332,510	H 7 9	0	× 0.1203	0
H 1 9	219,894	× 1.2653	278,232	H 8 0	0	× 0.1157	0
H 2 0	210,307	× 1.2167	255,881				
H 2 1	548,611	× 1.1699	641,820				
H 2 2	480,346	× 1.1249	540,341				
H 2 3	582,738	× 1.0816	630,289				
H 2 4	420,085	× 1.0400	436,888				
H 2 5	794,517	× 1.0000	794,517				
H 2 6	466,000	× 0.9615	448,059				
H 2 7	377,000	× 0.9246	348,574				
H 2 8	321,453	× 0.8890	285,772				
H 2 9	165,000	× 0.8548	141,042				
H 3 0	187,000	× 0.8219	153,695				
H 3 1	0	× 0.7903	0				
H 3 2	0	× 0.7599	0				
H 3 3	0	× 0.7307	0				
H 3 4	0	× 0.7026	0				
H 3 5	0	× 0.6756	0				
H 3 6	0	× 0.6496	0				
H 3 7	0	× 0.6246	0				
H 3 8	0	× 0.6006	0				
H 3 9	0	× 0.5775	0				
H 4 0	0	× 0.5553	0				
				合 計	29,765,474		
				C =	29,765,474 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 平成20年度磐井川地区地すべり調査業務	51,270,046.600
R:	年間山腹崩壊発生率	0.037
T:	整備期間	50
Y:	評価期間	100

年度	社会的割引率	t/T	効果額	現在価値化
1968	5.8412			
1969	5.6165	0.0013	2,466	13,850
1970	5.4005	0.0038	7,209	38,932
1971	5.1928	0.0102	19,349	100,475
1972	4.9931	0.0204	38,699	193,228
1973	4.8010	0.0276	52,357	251,366
1974	4.6164	0.0349	66,205	305,629
1975	4.4388	0.0435	82,519	366,285
1976	4.2681	0.0506	95,988	409,686
1977	4.1039	0.0689	130,703	536,392
1978	3.9461	0.0894	169,591	669,223
1979	3.7943	0.1083	205,444	779,516
1980	3.6484	0.1277	242,246	883,810
1981	3.5081	0.1460	276,961	971,607
1982	3.3731	0.1643	311,676	1,051,314
1983	3.2434	0.1824	346,011	1,122,252
1984	3.1187	0.2001	379,588	1,183,821
1985	2.9987	0.2196	416,579	1,249,195
1986	2.8834	0.2394	454,140	1,309,467
1987	2.7725	0.2653	503,272	1,395,322
1988	2.6658	0.2883	546,903	1,457,934
1989	2.5633	0.3114	590,723	1,514,200
1990	2.4647	0.3328	631,319	1,556,012
1991	2.3699	0.3512	666,223	1,578,882
1992	2.2788	0.3744	710,234	1,618,481
1993	2.1911	0.3945	748,363	1,639,738
1994	2.1068	0.4185	793,891	1,672,570
1995	2.0258	0.4436	841,506	1,704,723
1996	1.9479	0.4613	875,082	1,704,572
1997	1.8730	0.4823	914,919	1,713,643
1998	1.8009	0.5074	962,534	1,733,427
1999	1.7317	0.5360	1,016,788	1,760,772
2000	1.6651	0.5592	1,060,798	1,766,335
2001	1.6010	0.5794	1,099,117	1,759,686
2002	1.5395	0.5944	1,127,572	1,735,897
2003	1.4802	0.6114	1,159,821	1,716,767
2004	1.4233	0.6281	1,191,501	1,695,863
2005	1.3686	0.6469	1,227,164	1,679,497
2006	1.3159	0.6646	1,260,741	1,659,009
2007	1.2653	0.6801	1,290,144	1,632,419
2008	1.2167	0.6949	1,318,220	1,603,878
2009	1.1699	0.7334	1,391,254	1,627,628
2010	1.1249	0.7672	1,455,372	1,637,148
2011	1.0816	0.8081	1,532,959	1,658,048
2012	1.0400	0.8376	1,588,920	1,652,477
2013	1.0000	0.8935	1,694,962	1,694,962
2014	0.9615	0.9262	1,756,994	1,689,350
2015	0.9246	0.9527	1,807,264	1,670,996
2016	0.8890	0.9753	1,850,136	1,644,771
2017	0.8548	0.9869	1,872,141	1,600,306
2018	0.8219	1.0000	1,896,992	1,559,138
2019	0.7903	1.0000	1,896,992	1,499,193
2020	0.7599	1.0000	1,896,992	1,441,524
2021	0.7307	1.0000	1,896,992	1,386,132
2022	0.7026	1.0000	1,896,992	1,332,827
2023	0.6756	1.0000	1,896,992	1,281,608
2024	0.6496	1.0000	1,896,992	1,232,286
2025	0.6246	1.0000	1,896,992	1,184,861
2026	0.6006	1.0000	1,896,992	1,139,333
2027	0.5775	1.0000	1,896,992	1,095,513
2028	0.5553	1.0000	1,896,992	1,053,400
2029	0.5339	1.0000	1,896,992	1,012,804
2030	0.5134	1.0000	1,896,992	973,916
2031	0.4936	1.0000	1,896,992	936,355
2032	0.4746	1.0000	1,896,992	900,312
2033	0.4564	1.0000	1,896,992	865,787
2034	0.4388	1.0000	1,896,992	832,400
2035	0.4220	1.0000	1,896,992	800,531
2036	0.4057	1.0000	1,896,992	769,610
2037	0.3901	1.0000	1,896,992	740,017
2038	0.3751	1.0000	1,896,992	711,562

2039	0.3607	1.0000	1,896,992	684,245
2040	0.3468	1.0000	1,896,992	657,877
2041	0.3335	1.0000	1,896,992	632,647
2042	0.3207	1.0000	1,896,992	608,365
2043	0.3083	1.0000	1,896,992	584,843
2044	0.2965	1.0000	1,896,992	562,458
2045	0.2851	1.0000	1,896,992	540,832
2046	0.2741	1.0000	1,896,992	519,966
2047	0.2636	1.0000	1,896,992	500,047
2048	0.2534	1.0000	1,896,992	480,698
2049	0.2437	1.0000	1,896,992	462,297
2050	0.2343	1.0000	1,896,992	444,465
2051	0.2253	1.0000	1,896,992	427,392
2052	0.2166	1.0000	1,896,992	410,888
2053	0.2083	1.0000	1,896,992	395,143
2054	0.2003	1.0000	1,896,992	379,967
2055	0.1926	1.0000	1,896,992	365,361
2056	0.1852	1.0000	1,896,992	351,323
2057	0.1780	1.0000	1,896,992	337,665
2058	0.1712	1.0000	1,896,992	324,765
2059	0.1646	1.0000	1,896,992	312,245
2060	0.1583	1.0000	1,896,992	300,294
2061	0.1522	1.0000	1,896,992	288,722
2062	0.1463	1.0000	1,896,992	277,530
2063	0.1407	1.0000	1,896,992	266,907
2064	0.1353	1.0000	1,896,992	256,663
2065	0.1301	1.0000	1,896,992	246,799
2066	0.1251	1.0000	1,896,992	237,314
2067	0.1203	1.0000	1,896,992	228,208
2068	0.1157	1.0000	1,896,992	219,482
合計				97,665,878