

3 費用便益分析結果（詳細）

便益 [百万円]	現在価格				割引率	現在価値			
	便益額					便益額			
	利用	環境	防災	合計		利用	環境	防災	合計
A	B	C	D	E	F=A*E	G=B*E	H=C*E	I=D*E	
合計	1,301,407	59,384	171,718	1,532,509	0.04	1,632,556	89,975	262,207	1,984,738
年次	S45	1970				4,268	0	0	0
	S46	1971				4,104	0	0	0
	S47	1972	0	0	0	3,946	0	0	0
	S48	1973	586	924	2,700	4,210	3,794	2,223	3,505
	S49	1974	3,515	936	2,736	7,188	3,648	12,825	3,415
	S50	1975	6,835	948	2,770	10,553	3,508	23,979	3,325
	S51	1976	8,072	958	2,799	11,828	3,373	27,229	3,230
	S52	1977	10,351	967	2,825	14,142	3,243	33,571	3,135
	S53	1978	13,931	975	2,851	17,757	3,119	43,446	3,041
	S54	1979	13,671	983	2,874	17,529	2,999	40,994	2,949
	S55	1980	14,777	991	2,897	18,665	2,883	42,608	2,858
	S56	1981	16,405	998	2,918	20,321	2,772	45,482	2,768
	S57	1982	16,470	1,005	2,938	20,413	2,666	43,906	2,680
	S58	1983	18,032	1,012	2,958	22,002	2,563	46,222	2,594
	S59	1984	18,879	1,019	2,977	22,874	2,465	46,530	2,510
	S60	1985	17,577	1,025	2,996	21,597	2,370	41,655	2,429
	S61	1986	16,275	1,030	3,011	20,315	2,279	37,086	2,347
	S62	1987	15,754	1,035	3,025	19,814	2,191	34,519	2,268
	S63	1988	16,144	1,039	3,038	20,221	2,107	34,014	2,189
	H1	1989	16,730	1,043	3,049	20,822	2,026	33,892	2,113
	H2	1990	16,144	1,047	3,059	20,250	1,948	31,448	2,039
	H3	1991	18,358	1,051	3,071	22,480	1,873	34,384	1,968
	H4	1992	21,548	1,055	3,083	25,685	1,801	38,806	1,899
	H5	1993	20,831	1,058	3,092	24,981	1,732	36,073	1,832
	H6	1994	22,524	1,061	3,100	26,684	1,665	37,504	1,766
	H7	1995	20,246	1,063	3,107	24,416	1,601	32,414	1,702
	H8	1996	20,246	1,066	3,115	24,426	1,539	31,167	1,640
	H9	1997	23,305	1,068	3,122	27,495	1,480	34,497	1,581
	H10	1998	23,305	1,071	3,130	27,506	1,423	33,171	1,524
	H11	1999	27,797	1,072	3,135	32,004	1,369	38,042	1,468
	H12	2000	31,247	1,075	3,141	35,463	1,316	41,119	1,414
	H13	2001	33,916	1,078	3,151	38,145	1,265	42,915	1,364
	H14	2002	33,395	1,079	3,155	37,630	1,217	40,631	1,313
	H15	2003	33,005	1,081	3,160	37,246	1,170	38,611	1,265
	H16	2004	30,596	1,082	3,162	34,840	1,125	34,417	1,217
	H17	2005	30,401	1,082	3,162	34,645	1,082	32,882	1,170
	H18	2006	29,034	1,080	3,156	33,270	1,040	30,195	1,123
	H19	2007	29,034	1,078	3,151	33,263	1,000	29,034	1,078
	H20	2008	28,984	1,076	3,146	33,206	0,962	27,870	1,035
	H21	2009	28,935	1,074	3,140	33,150	0,925	26,752	993
	H22	2010	28,886	1,073	3,135	33,093	0,889	25,679	954
	H23	2011	28,788	1,069	3,124	32,981	0,855	24,608	914
	H24	2012	28,690	1,065	3,114	32,869	0,822	23,581	876
	H25	2013	28,592	1,062	3,103	32,757	0,790	22,597	839
	H26	2014	28,494	1,058	3,093	32,645	0,760	21,653	804
	H27	2015	28,396	1,054	3,082	32,532	0,731	20,749	770
	H28	2016	28,253	1,049	3,066	32,368	0,703	19,850	737
	H29	2017	28,110	1,044	3,051	32,205	0,676	18,990	705
	H30	2018	27,967	1,038	3,035	32,041	0,650	18,167	675
	H31	2019	27,824	1,033	3,020	31,877	0,625	17,379	645
	H32	2020	27,681	1,028	3,004	31,713	0,601	16,624	617
	H33	2021	27,498	1,021	2,984	31,504	0,577	15,879	590
	H34	2022	27,316	1,014	2,965	31,294	0,555	15,167	563
	H35	2023	27,133	1,007	2,945	31,085	0,534	14,487	538
	H36	2024	26,950	1,001	2,925	30,876	0,513	13,836	514
	H37	2025	26,768	994	2,905	30,667	0,494	13,213	491
	H38	2026	26,556	986	2,882	30,425	0,475	12,605	468
	H39	2027	26,345	978	2,859	30,182	0,456	12,023	446
	H40	2028	26,133	970	2,836	29,940	0,439	11,468	426
	H41	2029	28,173	1,556	2,691	32,419	0,422	11,888	656
	H42	2030	0	0	0	0	0,406	0	0
	H43	2031	0	0	0	0	0,390	0	0
	H44	2032	0	0	0	0	0,375	0	0
	H45	2033	0	0	0	0	0,361	0	0
	H46	2034	0	0	0	0	0,347	0	0
	H47	2035	0	0	0	0	0,333	0	0
	H48	2036	0	0	0	0	0,321	0	0
	H49	2037	0	0	0	0	0,308	0	0
	H50	2038	0	0	0	0	0,296	0	0
	H51	2039	0	0	0	0	0,285	0	0

総便益(百万円)	S	1,984,738	純現在価値(NPV)	U=S-T	1,875,418
総費用(百万円)	T	109,320	費用便益比(B/C)	U=S/T	18.16
			経済的内部収益率(EIRR)		-

費用 [百万円]	現在価格				割引率	現在価値			
	建設費			維持管理費		建設費			維持管理費
	用地費	用地費 機会費用	施設費			用地費	用地費 機会費用	施設費	
J	K	L	M	N	O=J*N	P=K*N	Q=L*N	R=M*N	
合計	7,156	0	34,975	51,611	0.04	11,436	8,533	43,032	57,755
年次	1970					4,268	0	0	0
	1971					4,104	0	0	0
	1972	0	0	164	0	3,946	0	648	0
	1973	57	57	218	0	3,794	217	826	0
	1974	43	43	213	0	3,648	156	777	0
	1975	7	7	131	105	3,508	25	461	368
	1976	0	0	294	191	3,373	0	990	644
	1977	0	0	322	262	3,243	0	1,046	850
	1978	0	0	314	316	3,119	0	979	985
	1979	0	0	303	350	2,999	0	908	1,050
	1980	0	0	312	374	2,883	0	899	1,077
	1981	0	0	283	399	2,772	0	784	1,105
	1982	0	0	264	417	2,666	0	704	1,111
	1983	0	0	274	440	2,563	0	702	1,127
	1984	126	126	240	460	2,465	309	591	1,133
	1985	312	312	249	488	2,370	738	591	1,155
	1986	315	315	339	508	2,279	718	773	1,156
	1987	544	544	383	529	2,191	1,192	839	1,158
	1988	600	600	270	573	2,107	1,264	569	1,207
	1989	686	686	219	609	2,026	1,390	444	1,234
	1990	671	671	229	640	1,948	1,307	446	1,247
	1991	414	414	323	671	1,873	775	605	1,257
	1992	224	224	945	723	1,801	403	1,702	1,301
	1993	250	250	958	774	1,732	433	1,659	1,340
	1994	263	263	579	860	1,665	438	964	1,431
	1995	250	250	1,933	897	1,601	400	3,095	1,435
	1996	237	237	1,088	1,010	1,539	365	1,675	1,554
	1997	0	0	620	1,138	1,480	0	918	1,685
	1998	0	0	1,338	1,129	1,423	0	1,904	1,607
	1999	0	0	698	1,160	1,369	0	955	1,588
	2000	0	0	673	1,172	1,316	0	886	1,542
	2001	0	0	508	1,175	1,265	0	643	1,487
	2002	0	0	501	1,119	1,217	0	610	1,361
	2003	0	0	519	1,132	1,170	0	607	1,324
	2004	0	0	209	1,122	1,125	0	235	1,262
	2005	0	0	231	1,111	1,082	0	250	1,202
	2006	0	0	212	1,114	1,040	0	220	1,159
	2007	0	0	304	1,107	1,000	0	304	1,107
	2008	0	0	374	1,055	0,962	0	360	1,014
	2009	0	0	485	1,055	0,925	0	448	975
	2010	0	0	615	1,055	0,889	0	547	938
	2011	0	0	762	1,055	0,855	0	651	902
	2012	0	0	921	1,056	0,822	0	757	868
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