

津松阪港海岸直轄海岸保全施設整備事業
費用便益分析シート(割引前)

(億円)							
割引前							
年度	施設供用期間	建設費	管理運営費・再投資費	総費用 (C)	想定浸水地域(高潮)の被害軽減効果	総便益 (B)	純便益 (B-C)
2010							
2011		0.9		0.9			-0.9
2012		7.6		7.6			-7.6
2013		13.5		13.5			-13.5
2014		13.9		13.9			-13.9
2015		16.6		16.6			-16.6
2016		14.9		14.9			-14.9
2017		14.0		14.0			-14.0
2018		17.8		17.8			-17.8
2019		22.0		22.0			-22.0
2020		18.0		18.0			-18.0
2021		16.5		16.5			-16.5
2022		9.2	0.0	9.2	1.1	1.1	-8.2
2023		2.6	0.0	2.6	1.1	1.1	-1.6
2024	1		0.7	0.7	117.0	117.0	116.2
2025	2		0.7	0.7	117.0	117.0	116.2
2026	3		0.7	0.7	117.0	117.0	116.2
2027	4		0.7	0.7	117.0	117.0	116.2
2028	5		0.7	0.7	117.0	117.0	116.2
2029	6		0.7	0.7	117.0	117.0	116.2
2030	7		0.7	0.7	117.0	117.0	116.2
2031	8		0.7	0.7	117.0	117.0	116.2
2032	9		0.7	0.7	117.0	117.0	116.2
2033	10		0.7	0.7	117.0	117.0	116.2
2034	11		0.7	0.7	117.0	117.0	116.2
2035	12		0.7	0.7	117.0	117.0	116.2
2036	13		0.7	0.7	117.0	117.0	116.2
2037	14		0.7	0.7	117.0	117.0	116.2
2038	15		0.7	0.7	117.0	117.0	116.2
2039	16		0.7	0.7	117.0	117.0	116.2
2040	17		0.7	0.7	117.0	117.0	116.2
2041	18		0.7	0.7	117.0	117.0	116.2
2042	19		0.7	0.7	117.0	117.0	116.2
2043	20		0.7	0.7	117.0	117.0	116.2
2044	21		0.7	0.7	117.0	117.0	116.2
2045	22		0.7	0.7	117.0	117.0	116.2
2046	23		0.7	0.7	117.0	117.0	116.2
2047	24		0.7	0.7	117.0	117.0	116.2
2048	25		0.7	0.7	117.0	117.0	116.2
2049	26		0.7	0.7	117.0	117.0	116.2
2050	27		0.7	0.7	117.0	117.0	116.2
2051	28		0.7	0.7	117.0	117.0	116.2
2052	29		0.7	0.7	117.0	117.0	116.2
2053	30		0.7	0.7	117.0	117.0	116.2
2054	31		0.7	0.7	117.0	117.0	116.2
2055	32		0.7	0.7	117.0	117.0	116.2
2056	33		0.7	0.7	117.0	117.0	116.2
2057	34		0.7	0.7	117.0	117.0	116.2
2058	35		0.7	0.7	117.0	117.0	116.2
2059	36		0.7	0.7	117.0	117.0	116.2
2060	37		0.7	0.7	117.0	117.0	116.2
2061	38		0.7	0.7	117.0	117.0	116.2
2062	39		0.7	0.7	117.0	117.0	116.2
2063	40		0.7	0.7	117.0	117.0	116.2
2064	41		0.7	0.7	117.0	117.0	116.2
2065	42		0.7	0.7	117.0	117.0	116.2
2066	43		0.7	0.7	117.0	117.0	116.2
2067	44		0.7	0.7	117.0	117.0	116.2
2068	45		0.7	0.7	117.0	117.0	116.2
2069	46		0.7	0.7	117.0	117.0	116.2
2070	47		0.7	0.7	117.0	117.0	116.2
2071	48		0.7	0.7	117.0	117.0	116.2
2072	49		0.7	0.7	115.9	115.9	115.2
2073	50		0.7	0.7	115.9	115.9	115.2
合計		167.5	36.7	204.2	5,848.6	5,848.6	5,644.4

費用便益分析シート(割引後)

EIRR=	20.6%	NPV=	2,380 億円
B/C=	11.1		

(億円)									
割引後									
年度	施設供用期間	社会的割引率	割引率	建設費	管理運営費・再投資費	総費用 (C)	想定浸水地域(高潮)の被害軽減効果	総便益 (B)	純便益 (B-C)
2010			0.04						
2011			0.04	1.73					
2012			0.04	1.67	1.5	1.5			-1.5
2013			0.04	1.60	12.2	12.2			-12.2
2014			0.04	1.54	20.9	20.9			-20.9
2015			0.04	1.48	20.5	20.5			-20.5
2016			0.04	1.42	23.6	23.6			-23.6
2017			0.04	1.37	20.3	20.3			-20.3
2018			0.04	1.32	18.4	18.4			-18.4
2019			0.04	1.27	22.5	22.5			-22.5
2020			0.04	1.22	26.8	26.8			-26.8
2021			0.04	1.17	21.0	21.0			-21.0
2022			0.04	1.12	18.6	18.6			-18.6
2023			0.04	1.08	10.0	10.0	1.2	1.2	-8.8
2024	1		0.04	1.04	2.7	2.7	1.1	1.1	-1.6
2025	2		0.04	1.00	0.7	0.7	117.0	117.0	116.2
2026	3		0.04	0.96	0.7	0.7	112.5	112.5	111.8
2027	4		0.04	0.92	0.7	0.7	108.1	108.1	107.5
2028	5		0.04	0.89	0.7	0.7	104.0	104.0	103.3
2029	6		0.04	0.85	0.6	0.6	100.0	100.0	99.4
2030	7		0.04	0.82	0.6	0.6	96.1	96.1	95.5
2031	8		0.04	0.79	0.6	0.6	92.4	92.4	91.9
2032	9		0.04	0.76	0.6	0.6	88.9	88.9	88.3
2033	10		0.04	0.73	0.5	0.5	85.5	85.5	84.9
2034	11		0.04	0.70	0.5	0.5	82.2	82.2	81.7
2035	12		0.04	0.68	0.5	0.5	79.0	79.0	78.5
2036	13		0.04	0.65	0.5	0.5	76.0	76.0	75.5
2037	14		0.04	0.62	0.5	0.5	73.1	73.1	72.6
2038	15		0.04	0.60	0.4	0.4	70.3	70.3	69.8
2039	16		0.04	0.58	0.4	0.4	67.5	67.5	67.1
2040	17		0.04	0.56	0.4	0.4	65.0	65.0	64.5
2041	18		0.04	0.53	0.4	0.4	62.5	62.5	62.1
2042	19		0.04	0.51	0.4	0.4	60.1	60.1	59.7
2043	20		0.04	0.49	0.4	0.4	57.7	57.7	57.4
2044	21		0.04	0.47	0.3	0.3	55.5	55.5	55.2
2045	22		0.04	0.46	0.3	0.3	53.4	53.4	53.0
2046	23		0.04	0.44	0.3	0.3	51.3	51.3	51.0
2047	24		0.04	0.42	0.3	0.3	49.4	49.4	49.0
2048	25		0.04	0.41	0.3	0.3	47.5	47.5	47.2
2049	26		0.04	0.39	0.3	0.3	45.6	45.6	45.3
2050	27		0.04	0.38	0.3	0.3	43.9	43.9	43.6
2051	28		0.04	0.36	0.3	0.3	42.2	42.2	41.9
2052	29		0.04	0.35	0.3	0.3	40.6	40.6	40.3
2053	30		0.04	0.33	0.2	0.2	39.0	39.0	38.8
2054	31		0.04	0.32	0.2	0.2	37.5	37.5	37.3
2055	32		0.04	0.31	0.2	0.2	36.1	36.1	35.8
2056	33		0.04	0.30	0.2	0.2	34.7	34.7	34.5
2057	34		0.04	0.29	0.2	0.2	33.3	33.3	33.1
2058	35		0.04	0.27	0.2	0.2	32.1	32.1	31.9
2059	36		0.04	0.26	0.2	0.2	30.8	30.8	30.6
2060	37		0.04	0.25	0.2	0.2	29.6	29.6	29.5
2061	38		0.04	0.24	0.2	0.2	28.5	28.5	28.3
2062	39		0.04	0.23	0.2	0.2	27.4	27.4	27.2
2063	40		0.04	0.22	0.2	0.2	26.4	26.4	26.2
2064	41		0.04	0.21	0.2	0.2	25.3	25.3	25.2
2065	42		0.04	0.20	0.1	0.1	24.4	24.4	24.2
2066	43		0.04	0.19	0.1	0.1	23.4	23.4	23.3
2067	44		0.04	0.19	0.1	0.1	22.5	22.5	22.4
2068	45		0.04	0.18	0.1	0.1	21.7	21.7	21.5
2069	46		0.04	0.18	0.1	0.1	20.8	20.8	20.7
2070	47		0.04	0.17	0.1	0.1	20.0	20.0	19.9
2071	48		0.04	0.16	0.1	0.1	19.3	19.3	19.1
2072	49		0.04	0.16	0.1	0.1	18.5	18.5	18.4
2073	50		0.04	0.15	0.1	0.1	17.6	17.6	17.5
合計				219.0	16.4	235.4	2615.3	2615.3	2379.9