

様式 2

事業費集計表
(森林整備事業)

事業名： 水源林造成事業
 施行箇所： 岩木川広域流域 10年経過契約地

(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 |
| H 1 3 | | × 1.5395 | | H 7 4 | 0 | × 0.1407 | 0 |
| H 1 4 | 21,912 | × 1.4802 | 32,434 | H 7 5 | 0 | × 0.1353 | 0 |
| H 1 5 | 5,102 | × 1.4233 | 7,262 | H 7 6 | 0 | × 0.1301 | 0 |
| H 1 6 | 3,870 | × 1.3686 | 5,296 | H 7 7 | 0 | × 0.1251 | 0 |
| H 1 7 | 2,880 | × 1.3159 | 3,790 | H 7 8 | 0 | × 0.1203 | 0 |
| H 1 8 | 2,119 | × 1.2653 | 2,681 | H 7 9 | 0 | × 0.1157 | 0 |
| H 1 9 | 1,963 | × 1.2167 | 2,388 | H 8 0 | 0 | × 0.1112 | 0 |
| H 2 0 | 0 | × 1.1699 | 0 | H 8 1 | 0 | × 0.1069 | 0 |
| H 2 1 | 854 | × 1.1249 | 961 | H 8 2 | 0 | × 0.1028 | 0 |
| H 2 2 | 0 | × 1.0816 | 0 | H 8 3 | 0 | × 0.0989 | 0 |
| H 2 3 | 84 | × 1.0400 | 87 | H 8 4 | 0 | × 0.0951 | 0 |
| H 2 4 | 173 | × 1.0000 | 173 | H 8 5 | 0 | × 0.0914 | 0 |
| H 2 5 | 2,259 | × 0.9615 | 2,172 | H 8 6 | 0 | × 0.0879 | 0 |
| H 2 6 | 0 | × 0.9246 | 0 | H 8 7 | 0 | × 0.0845 | 0 |
| H 2 7 | 1,972 | × 0.8890 | 1,753 | H 8 8 | 0 | × 0.0813 | 0 |
| H 2 8 | 0 | × 0.8548 | 0 | H 8 9 | 0 | × 0.0781 | 0 |
| H 2 9 | 0 | × 0.8219 | 0 | H 9 0 | 0 | × 0.0751 | 0 |
| H 3 0 | 0 | × 0.7903 | 0 | H 9 1 | 0 | × 0.0722 | 0 |
| H 3 1 | 471 | × 0.7599 | 358 | H 9 2 | 0 | × 0.0695 | 0 |
| H 3 2 | 0 | × 0.7307 | 0 | H 9 3 | 0 | × 0.0668 | 0 |
| H 3 3 | 213 | × 0.7026 | 150 | | | | |
| H 3 4 | 1,392 | × 0.6756 | 940 | | | | |
| H 3 5 | 0 | × 0.6496 | 0 | | | | |
| H 3 6 | 0 | × 0.6246 | 0 | | | | |
| H 3 7 | 0 | × 0.6006 | 0 | | | | |
| H 3 8 | 82 | × 0.5775 | 47 | | | | |
| H 3 9 | 3,896 | × 0.5553 | 2,163 | | | | |
| H 4 0 | 0 | × 0.5339 | 0 | | | | |
| H 4 1 | 0 | × 0.5134 | 0 | | | | |
| H 4 2 | 0 | × 0.4936 | 0 | | | | |
| H 4 3 | 0 | × 0.4746 | 0 | | | | |
| H 4 4 | 0 | × 0.4564 | 0 | | | | |
| H 4 5 | 0 | × 0.4388 | 0 | | | | |
| H 4 6 | 0 | × 0.4220 | 0 | | | | |
| H 4 7 | 0 | × 0.4057 | 0 | | | | |
| H 4 8 | 0 | × 0.3901 | 0 | | | | |
| H 4 9 | 0 | × 0.3751 | 0 | | | | |
| H 5 0 | 0 | × 0.3607 | 0 | | | | |
| H 5 1 | 0 | × 0.3468 | 0 | | | | |
| H 5 2 | 0 | × 0.3335 | 0 | | | | |
| H 5 3 | 82 | × 0.3207 | 26 | | | | |
| H 5 4 | 1,039 | × 0.3083 | 320 | | | | |
| H 5 5 | 0 | × 0.2965 | 0 | | | | |
| H 5 6 | 0 | × 0.2851 | 0 | | | | |
| H 5 7 | 0 | × 0.2741 | 0 | | | | |
| H 5 8 | 0 | × 0.2636 | 0 | | | | |
| H 5 9 | 0 | × 0.2534 | 0 | | | | |
| H 6 0 | 0 | × 0.2437 | 0 | | | | |
| H 6 1 | 0 | × 0.2343 | 0 | | | | |
| H 6 2 | 0 | × 0.2253 | 0 | | | | |
| H 6 3 | 0 | × 0.2166 | 0 | | | | |
| H 6 4 | 0 | × 0.2083 | 0 | | | | |
| H 6 5 | 0 | × 0.2003 | 0 | | | | |
| H 6 6 | 0 | × 0.1926 | 0 | | | | |
| H 6 7 | 0 | × 0.1852 | 0 | | | | |
| H 6 8 | 0 | × 0.1780 | 0 | | | | |
| H 6 9 | 347 | × 0.1712 | 59 | | | | |
| H 7 0 | 0 | × 0.1646 | 0 | | | | |
| H 7 1 | 0 | × 0.1583 | 0 | | | | |
| H 7 2 | 0 | × 0.1522 | 0 | | | | |
| H 7 3 | 0 | × 0.1463 | 0 | | | | |
| | | | | 合 計 | | | 63,060 |
| | | | | C = | | | 63,060 千円 |

$$B = \sum_{t=1}^{T-1} \frac{t}{T \times (1+i)^t} + \sum_{t=T}^Y \frac{1}{(1+i)^t} \times \frac{(f1-f2) \times \alpha \times A \times U}{360}$$

- U: 治水ダムの単位雨量流出量当たりの年間減価償却費(円/㎡/sec) 3,740,000
- 出典:「ダム年鑑2011」
- f1: 事業実施前の流出係数 浸透能大 急 要整備森林(疎林) 0.55
- 出典:「治山設計」(山口伊佐夫著,1979)
- f2: 事業実施後、T年経過後の流出係数 浸透能大 急 整備済森林 0.45
- 出典:「治山設計」(山口伊佐夫著,1979)
- T: 事業実施後、流出係数が安定するのに必要な年数 15
- α: 100年確率時雨量(mm/h) 59.28
- 出典:気象統計情報(気象庁)
- A: 事業対象区域面積(ha) 16.20 ~ 16.20
- 360: 単位合わせのための調整値
- Y: 評価期間 80

| 年度 | 社会的割引率 | 事業対象区域面積 | 事業効果面積 | 効果額 | 現在価値化 |
|------|--------|----------|--------|-----|-------|
| 2001 | 1.5395 | | | | |
| 2002 | 1.4802 | 16.20 | 1.08 | 67 | 99 |
| 2003 | 1.4233 | 16.20 | 2.16 | 133 | 189 |
| 2004 | 1.3686 | 16.20 | 3.24 | 200 | 274 |
| 2005 | 1.3159 | 16.20 | 4.32 | 266 | 350 |
| 2006 | 1.2653 | 16.20 | 5.40 | 333 | 421 |
| 2007 | 1.2167 | 16.20 | 6.48 | 399 | 485 |
| 2008 | 1.1699 | 16.20 | 7.56 | 466 | 545 |
| 2009 | 1.1249 | 16.20 | 8.64 | 532 | 598 |
| 2010 | 1.0816 | 16.20 | 9.72 | 599 | 648 |
| 2011 | 1.0400 | 16.20 | 10.80 | 665 | 692 |
| 2012 | 1.0000 | 16.20 | 11.88 | 732 | 732 |
| 2013 | 0.9615 | 16.20 | 12.96 | 798 | 767 |
| 2014 | 0.9246 | 16.20 | 14.04 | 865 | 800 |
| 2015 | 0.8890 | 16.20 | 15.12 | 931 | 828 |
| 2016 | 0.8548 | 16.20 | 16.20 | 998 | 853 |
| 2017 | 0.8219 | 16.20 | 16.20 | 998 | 820 |
| 2018 | 0.7903 | 16.20 | 16.20 | 998 | 789 |
| 2019 | 0.7599 | 16.20 | 16.20 | 998 | 758 |
| 2020 | 0.7307 | 16.20 | 16.20 | 998 | 729 |
| 2021 | 0.7026 | 16.20 | 16.20 | 998 | 701 |
| 2022 | 0.6756 | 16.20 | 16.20 | 998 | 674 |
| 2023 | 0.6496 | 16.20 | 16.20 | 998 | 648 |
| 2024 | 0.6246 | 16.20 | 16.20 | 998 | 623 |
| 2025 | 0.6006 | 16.20 | 16.20 | 998 | 599 |
| 2026 | 0.5775 | 16.20 | 16.20 | 998 | 576 |
| 2027 | 0.5553 | 16.20 | 16.20 | 998 | 554 |
| 2028 | 0.5339 | 16.20 | 16.20 | 998 | 533 |
| 2029 | 0.5134 | 16.20 | 16.20 | 998 | 512 |
| 2030 | 0.4936 | 16.20 | 16.20 | 998 | 493 |
| 2031 | 0.4746 | 16.20 | 16.20 | 998 | 474 |
| 2032 | 0.4564 | 16.20 | 16.20 | 998 | 455 |
| 2033 | 0.4388 | 16.20 | 16.20 | 998 | 438 |
| 2034 | 0.4220 | 16.20 | 16.20 | 998 | 421 |
| 2035 | 0.4057 | 16.20 | 16.20 | 998 | 405 |
| 2036 | 0.3901 | 16.20 | 16.20 | 998 | 389 |
| 2037 | 0.3751 | 16.20 | 16.20 | 998 | 374 |
| 2038 | 0.3607 | 16.20 | 16.20 | 998 | 360 |
| 2039 | 0.3468 | 16.20 | 16.20 | 998 | 346 |
| 2040 | 0.3335 | 16.20 | 16.20 | 998 | 333 |
| 2041 | 0.3207 | 16.20 | 16.20 | 998 | 320 |
| 2042 | 0.3083 | 16.20 | 16.20 | 998 | 308 |
| 2043 | 0.2965 | 16.20 | 16.20 | 998 | 296 |
| 2044 | 0.2851 | 16.20 | 16.20 | 998 | 285 |
| 2045 | 0.2741 | 16.20 | 16.20 | 998 | 274 |
| 2046 | 0.2636 | 16.20 | 16.20 | 998 | 263 |
| 2047 | 0.2534 | 16.20 | 16.20 | 998 | 253 |
| 2048 | 0.2437 | 16.20 | 16.20 | 998 | 243 |
| 2049 | 0.2343 | 16.20 | 16.20 | 998 | 234 |
| 2050 | 0.2253 | 16.20 | 16.20 | 998 | 225 |
| 2051 | 0.2166 | 16.20 | 16.20 | 998 | 216 |
| 2052 | 0.2083 | 16.20 | 16.20 | 998 | 208 |
| 2053 | 0.2003 | 16.20 | 16.20 | 998 | 200 |
| 2054 | 0.1926 | 16.20 | 16.20 | 998 | 192 |
| 2055 | 0.1852 | 16.20 | 16.20 | 998 | 185 |
| 2056 | 0.1780 | 16.20 | 16.20 | 998 | 178 |
| 2057 | 0.1712 | 16.20 | 16.20 | 998 | 171 |
| 2058 | 0.1646 | 16.20 | 16.20 | 998 | 164 |
| 2059 | 0.1583 | 16.20 | 16.20 | 998 | 158 |
| 2060 | 0.1522 | 16.20 | 16.20 | 998 | 152 |
| 2061 | 0.1463 | 16.20 | 16.20 | 998 | 146 |
| 2062 | 0.1407 | 16.20 | 16.20 | 998 | 140 |
| 2063 | 0.1353 | 16.20 | 16.20 | 998 | 135 |

| | | | | | |
|------|--------|-------|-------|-----|--------|
| 2064 | 0.1301 | 16.20 | 16.20 | 998 | 130 |
| 2065 | 0.1251 | 16.20 | 16.20 | 998 | 125 |
| 2066 | 0.1203 | 16.20 | 16.20 | 998 | 120 |
| 2067 | 0.1157 | 16.20 | 16.20 | 998 | 115 |
| 2068 | 0.1112 | 16.20 | 16.20 | 998 | 111 |
| 2069 | 0.1069 | 16.20 | 16.20 | 998 | 107 |
| 2070 | 0.1028 | 16.20 | 16.20 | 998 | 103 |
| 2071 | 0.0989 | 16.20 | 16.20 | 998 | 99 |
| 2072 | 0.0951 | 16.20 | 16.20 | 998 | 95 |
| 2073 | 0.0914 | 16.20 | 16.20 | 998 | 91 |
| 2074 | 0.0879 | 16.20 | 16.20 | 998 | 88 |
| 2075 | 0.0845 | 16.20 | 16.20 | 998 | 84 |
| 2076 | 0.0813 | 16.20 | 16.20 | 998 | 81 |
| 2077 | 0.0781 | 16.20 | 16.20 | 998 | 78 |
| 2078 | 0.0751 | 16.20 | 16.20 | 998 | 75 |
| 2079 | 0.0722 | 16.20 | 16.20 | 998 | 72 |
| 2080 | 0.0695 | 16.20 | 16.20 | 998 | 69 |
| 2081 | 0.0668 | 16.20 | 16.20 | 998 | 67 |
| 合計 | | | | | 27,941 |

$$B = \sum_{t=1}^{T-1} \frac{t}{T \times (1+i)^t} + \sum_{t=T}^Y \frac{1}{(1+i)^t} \times \frac{(D2-D1) \times A \times P \times U \times 10}{365 \times 86400}$$

- A: 事業対象区域面積 (ha) 16.20 ~ 16.20
- P: 年間平均降雨量 (mm/年)
出典: 気象統計情報 (気象庁) 1,325
- D1: 事業実施前の貯留率
出典: 「森林の間伐と水収支」(近嵐ら, 1987) 0.51
- D2: 事業実施後、T年経過後の貯留率
出典: 「森林の間伐と水収支」(近嵐ら, 1987) 0.56
- T: 事業実施後、流出係数が安定するのに必要な年数 15
- U: 開発流量当りの利水ダム年間減価償却費 (円/m³/S)
出典: 「ダム年鑑2011」 1,022,000,000
- Y: 評価期間 80
- 10: 単位合わせのための調整値
- 365: 1年間の日数
- 86400: 1日の秒数

| 年度 | 社会的割引率 | 事業対象区域面積 | 事業効果面積 | 効果額 | 現在価値化 |
|-------|--------|----------|--------|-----|-------|
| 2.001 | 1.5395 | | | | |
| 2.002 | 1.4802 | 16.20 | 1.08 | 23 | 34 |
| 2.003 | 1.4233 | 16.20 | 2.16 | 46 | 65 |
| 2.004 | 1.3686 | 16.20 | 3.24 | 70 | 96 |
| 2.005 | 1.3159 | 16.20 | 4.32 | 93 | 122 |
| 2.006 | 1.2653 | 16.20 | 5.40 | 116 | 147 |
| 2.007 | 1.2167 | 16.20 | 6.48 | 139 | 169 |
| 2.008 | 1.1699 | 16.20 | 7.56 | 162 | 190 |
| 2.009 | 1.1249 | 16.20 | 8.64 | 185 | 208 |
| 2.010 | 1.0816 | 16.20 | 9.72 | 209 | 226 |
| 2.011 | 1.0400 | 16.20 | 10.80 | 232 | 241 |
| 2.012 | 1.0000 | 16.20 | 11.88 | 255 | 255 |
| 2.013 | 0.9615 | 16.20 | 12.96 | 278 | 267 |
| 2.014 | 0.9246 | 16.20 | 14.04 | 301 | 278 |
| 2.015 | 0.8890 | 16.20 | 15.12 | 325 | 289 |
| 2.016 | 0.8548 | 16.20 | 16.20 | 348 | 297 |
| 2.017 | 0.8219 | 16.20 | 16.20 | 348 | 286 |
| 2.018 | 0.7903 | 16.20 | 16.20 | 348 | 275 |
| 2.019 | 0.7599 | 16.20 | 16.20 | 348 | 264 |
| 2.020 | 0.7307 | 16.20 | 16.20 | 348 | 254 |
| 2.021 | 0.7026 | 16.20 | 16.20 | 348 | 245 |
| 2.022 | 0.6756 | 16.20 | 16.20 | 348 | 235 |
| 2.023 | 0.6496 | 16.20 | 16.20 | 348 | 226 |
| 2.024 | 0.6246 | 16.20 | 16.20 | 348 | 217 |
| 2.025 | 0.6006 | 16.20 | 16.20 | 348 | 209 |
| 2.026 | 0.5775 | 16.20 | 16.20 | 348 | 201 |
| 2.027 | 0.5553 | 16.20 | 16.20 | 348 | 193 |
| 2.028 | 0.5339 | 16.20 | 16.20 | 348 | 186 |
| 2.029 | 0.5134 | 16.20 | 16.20 | 348 | 179 |
| 2.030 | 0.4936 | 16.20 | 16.20 | 348 | 172 |
| 2.031 | 0.4746 | 16.20 | 16.20 | 348 | 165 |
| 2.032 | 0.4564 | 16.20 | 16.20 | 348 | 159 |
| 2.033 | 0.4388 | 16.20 | 16.20 | 348 | 153 |
| 2.034 | 0.4220 | 16.20 | 16.20 | 348 | 147 |
| 2.035 | 0.4057 | 16.20 | 16.20 | 348 | 141 |
| 2.036 | 0.3901 | 16.20 | 16.20 | 348 | 136 |
| 2.037 | 0.3751 | 16.20 | 16.20 | 348 | 131 |
| 2.038 | 0.3607 | 16.20 | 16.20 | 348 | 126 |
| 2.039 | 0.3468 | 16.20 | 16.20 | 348 | 121 |
| 2.040 | 0.3335 | 16.20 | 16.20 | 348 | 116 |
| 2.041 | 0.3207 | 16.20 | 16.20 | 348 | 112 |
| 2.042 | 0.3083 | 16.20 | 16.20 | 348 | 107 |
| 2.043 | 0.2965 | 16.20 | 16.20 | 348 | 103 |
| 2.044 | 0.2851 | 16.20 | 16.20 | 348 | 99 |
| 2.045 | 0.2741 | 16.20 | 16.20 | 348 | 95 |
| 2.046 | 0.2636 | 16.20 | 16.20 | 348 | 92 |
| 2.047 | 0.2534 | 16.20 | 16.20 | 348 | 88 |
| 2.048 | 0.2437 | 16.20 | 16.20 | 348 | 85 |
| 2.049 | 0.2343 | 16.20 | 16.20 | 348 | 82 |
| 2.050 | 0.2253 | 16.20 | 16.20 | 348 | 78 |
| 2.051 | 0.2166 | 16.20 | 16.20 | 348 | 75 |
| 2.052 | 0.2083 | 16.20 | 16.20 | 348 | 72 |
| 2.053 | 0.2003 | 16.20 | 16.20 | 348 | 70 |
| 2.054 | 0.1926 | 16.20 | 16.20 | 348 | 67 |
| 2.055 | 0.1852 | 16.20 | 16.20 | 348 | 64 |
| 2.056 | 0.1780 | 16.20 | 16.20 | 348 | 62 |
| 2.057 | 0.1712 | 16.20 | 16.20 | 348 | 60 |
| 2.058 | 0.1646 | 16.20 | 16.20 | 348 | 57 |
| 2.059 | 0.1583 | 16.20 | 16.20 | 348 | 55 |

| | | | | | |
|-------|--------|-------|-------|-----|-------|
| 2.060 | 0.1522 | 16.20 | 16.20 | 348 | 53 |
| 2.061 | 0.1463 | 16.20 | 16.20 | 348 | 51 |
| 2.062 | 0.1407 | 16.20 | 16.20 | 348 | 49 |
| 2.063 | 0.1353 | 16.20 | 16.20 | 348 | 47 |
| 2.064 | 0.1301 | 16.20 | 16.20 | 348 | 45 |
| 2.065 | 0.1251 | 16.20 | 16.20 | 348 | 44 |
| 2.066 | 0.1203 | 16.20 | 16.20 | 348 | 42 |
| 2.067 | 0.1157 | 16.20 | 16.20 | 348 | 40 |
| 2.068 | 0.1112 | 16.20 | 16.20 | 348 | 39 |
| 2.069 | 0.1069 | 16.20 | 16.20 | 348 | 37 |
| 2.070 | 0.1028 | 16.20 | 16.20 | 348 | 36 |
| 2.071 | 0.0989 | 16.20 | 16.20 | 348 | 34 |
| 2.072 | 0.0951 | 16.20 | 16.20 | 348 | 33 |
| 2.073 | 0.0914 | 16.20 | 16.20 | 348 | 32 |
| 2.074 | 0.0879 | 16.20 | 16.20 | 348 | 31 |
| 2.075 | 0.0845 | 16.20 | 16.20 | 348 | 29 |
| 2.076 | 0.0813 | 16.20 | 16.20 | 348 | 28 |
| 2.077 | 0.0781 | 16.20 | 16.20 | 348 | 27 |
| 2.078 | 0.0751 | 16.20 | 16.20 | 348 | 26 |
| 2.079 | 0.0722 | 16.20 | 16.20 | 348 | 25 |
| 2.080 | 0.0695 | 16.20 | 16.20 | 348 | 24 |
| 2.081 | 0.0668 | 16.20 | 16.20 | 348 | 23 |
| 合計 | | | | | 9,739 |

$$B = \sum_{t=1}^{T-1} \frac{t}{T \times (1+i)^t} + \sum_{t=T}^Y \frac{1}{(1+i)^t} \times (D2-D1) \times A \times P \times u \times 10$$

$$u = \frac{U_x \times Q_x + U_y \times Q_y}{Q_x + Q_y}$$

| | | |
|-----|--|---------------|
| Qx: | 全貯留量のうち生活用水使用相当量 | 155.00 億 |
| Qy: | 全貯留量 - Qx | 1,707.30 億 |
| A: | 事業対象区域面積 (ha) | 16.20 ~ 16.20 |
| P: | 年間平均降雨量 (mm/年) 出典: 気象統計情報 (気象庁) | 1,325 |
| T: | 事業実施後、貯留率が安定するのに必要な年数 | 15 |
| D1: | 事業実施前の貯留率 出典: 「森林の間伐と水収支」(近嵐ら, 1987) | 0.51 |
| D2: | 事業実施後、T年経過後の貯留率 出典: 「森林の間伐と水収支」(近嵐ら, 1987) | 0.56 |
| Ux: | 単位当たりの上水道給水原価 (円/m ³) 出典: 「日本の水資源」 | 176.35 |
| Uy: | 単位当たりの雨水浄化費 (円/m ³) 出典: 「地球環境・人間生活にかかる農業及び森林の多面的な機能の評価に関する調査研究報告書」(三菱総合研究所, H13.11)「雨水利用ハンドブック」 | 68.60 |
| u: | 単位当たりの水質浄化費 (Ux と Uy を用いて Qx と Qy で比例按分して算出) | 77.57 |
| Y: | 評価期間 | 80 |
| 10: | 単位合わせのための調整値 | |

| 年度 | 社会的割引率 | 事業対象区域面積 | 事業効果面積 | 効果額 | 現在価値化 |
|------|--------|----------|--------|-----|-------|
| 2001 | 1.5395 | | | | |
| 2002 | 1.4802 | 16.20 | 1.08 | 55 | 81 |
| 2003 | 1.4233 | 16.20 | 2.16 | 111 | 158 |
| 2004 | 1.3686 | 16.20 | 3.24 | 166 | 227 |
| 2005 | 1.3159 | 16.20 | 4.32 | 222 | 292 |
| 2006 | 1.2653 | 16.20 | 5.40 | 277 | 350 |
| 2007 | 1.2167 | 16.20 | 6.48 | 333 | 405 |
| 2008 | 1.1699 | 16.20 | 7.56 | 388 | 454 |
| 2009 | 1.1249 | 16.20 | 8.64 | 444 | 499 |
| 2010 | 1.0816 | 16.20 | 9.72 | 499 | 540 |
| 2011 | 1.0400 | 16.20 | 10.80 | 555 | 577 |
| 2012 | 1.0000 | 16.20 | 11.88 | 610 | 610 |
| 2013 | 0.9615 | 16.20 | 12.96 | 666 | 640 |
| 2014 | 0.9246 | 16.20 | 14.04 | 721 | 667 |
| 2015 | 0.8890 | 16.20 | 15.12 | 777 | 691 |
| 2016 | 0.8548 | 16.20 | 16.20 | 832 | 711 |
| 2017 | 0.8219 | 16.20 | 16.20 | 832 | 684 |
| 2018 | 0.7903 | 16.20 | 16.20 | 832 | 658 |
| 2019 | 0.7599 | 16.20 | 16.20 | 832 | 632 |
| 2020 | 0.7307 | 16.20 | 16.20 | 832 | 608 |
| 2021 | 0.7026 | 16.20 | 16.20 | 832 | 585 |
| 2022 | 0.6756 | 16.20 | 16.20 | 832 | 562 |
| 2023 | 0.6496 | 16.20 | 16.20 | 832 | 540 |
| 2024 | 0.6246 | 16.20 | 16.20 | 832 | 520 |
| 2025 | 0.6006 | 16.20 | 16.20 | 832 | 500 |
| 2026 | 0.5775 | 16.20 | 16.20 | 832 | 480 |
| 2027 | 0.5553 | 16.20 | 16.20 | 832 | 462 |
| 2028 | 0.5339 | 16.20 | 16.20 | 832 | 444 |
| 2029 | 0.5134 | 16.20 | 16.20 | 832 | 427 |
| 2030 | 0.4936 | 16.20 | 16.20 | 832 | 411 |
| 2031 | 0.4746 | 16.20 | 16.20 | 832 | 395 |
| 2032 | 0.4564 | 16.20 | 16.20 | 832 | 380 |
| 2033 | 0.4388 | 16.20 | 16.20 | 832 | 365 |
| 2034 | 0.4220 | 16.20 | 16.20 | 832 | 351 |
| 2035 | 0.4057 | 16.20 | 16.20 | 832 | 338 |
| 2036 | 0.3901 | 16.20 | 16.20 | 832 | 325 |
| 2037 | 0.3751 | 16.20 | 16.20 | 832 | 312 |
| 2038 | 0.3607 | 16.20 | 16.20 | 832 | 300 |
| 2039 | 0.3468 | 16.20 | 16.20 | 832 | 289 |
| 2040 | 0.3335 | 16.20 | 16.20 | 832 | 277 |
| 2041 | 0.3207 | 16.20 | 16.20 | 832 | 267 |
| 2042 | 0.3083 | 16.20 | 16.20 | 832 | 257 |
| 2043 | 0.2965 | 16.20 | 16.20 | 832 | 247 |
| 2044 | 0.2851 | 16.20 | 16.20 | 832 | 237 |
| 2045 | 0.2741 | 16.20 | 16.20 | 832 | 228 |
| 2046 | 0.2636 | 16.20 | 16.20 | 832 | 219 |
| 2047 | 0.2534 | 16.20 | 16.20 | 832 | 211 |
| 2048 | 0.2437 | 16.20 | 16.20 | 832 | 203 |
| 2049 | 0.2343 | 16.20 | 16.20 | 832 | 195 |
| 2050 | 0.2253 | 16.20 | 16.20 | 832 | 187 |
| 2051 | 0.2166 | 16.20 | 16.20 | 832 | 180 |

| | | | | | |
|------|--------|-------|-------|-----|--------|
| 2052 | 0.2083 | 16.20 | 16.20 | 832 | 173 |
| 2053 | 0.2003 | 16.20 | 16.20 | 832 | 167 |
| 2054 | 0.1926 | 16.20 | 16.20 | 832 | 160 |
| 2055 | 0.1852 | 16.20 | 16.20 | 832 | 154 |
| 2056 | 0.1780 | 16.20 | 16.20 | 832 | 148 |
| 2057 | 0.1712 | 16.20 | 16.20 | 832 | 142 |
| 2058 | 0.1646 | 16.20 | 16.20 | 832 | 137 |
| 2059 | 0.1583 | 16.20 | 16.20 | 832 | 132 |
| 2060 | 0.1522 | 16.20 | 16.20 | 832 | 127 |
| 2061 | 0.1463 | 16.20 | 16.20 | 832 | 122 |
| 2062 | 0.1407 | 16.20 | 16.20 | 832 | 117 |
| 2063 | 0.1353 | 16.20 | 16.20 | 832 | 113 |
| 2064 | 0.1301 | 16.20 | 16.20 | 832 | 108 |
| 2065 | 0.1251 | 16.20 | 16.20 | 832 | 104 |
| 2066 | 0.1203 | 16.20 | 16.20 | 832 | 100 |
| 2067 | 0.1157 | 16.20 | 16.20 | 832 | 96 |
| 2068 | 0.1112 | 16.20 | 16.20 | 832 | 93 |
| 2069 | 0.1069 | 16.20 | 16.20 | 832 | 89 |
| 2070 | 0.1028 | 16.20 | 16.20 | 832 | 86 |
| 2071 | 0.0989 | 16.20 | 16.20 | 832 | 82 |
| 2072 | 0.0951 | 16.20 | 16.20 | 832 | 79 |
| 2073 | 0.0914 | 16.20 | 16.20 | 832 | 76 |
| 2074 | 0.0879 | 16.20 | 16.20 | 832 | 73 |
| 2075 | 0.0845 | 16.20 | 16.20 | 832 | 70 |
| 2076 | 0.0813 | 16.20 | 16.20 | 832 | 68 |
| 2077 | 0.0781 | 16.20 | 16.20 | 832 | 65 |
| 2078 | 0.0751 | 16.20 | 16.20 | 832 | 62 |
| 2079 | 0.0722 | 16.20 | 16.20 | 832 | 60 |
| 2080 | 0.0695 | 16.20 | 16.20 | 832 | 58 |
| 2081 | 0.0668 | 16.20 | 16.20 | 832 | 56 |
| 合計 | | | | | 23,295 |

$$B = \sum_{t=1}^{T-1} \frac{t}{T \times (1+i)^t} + \sum_{t=T}^Y \frac{1}{(1+i)^t} \times \frac{(V1-V2) \times A \times U}{1.0}$$

- U: 1m3の土砂を保全するために要する単位当たりの砂防ダム建設コスト(円/m3) 5,600
- 出典:「砂防便覧」平成20年版
- V1: 事業実施前における1ha当りの年間浸食土砂量(m3) 20.00
- 出典:「治山全体調査の考え方進め方」森林の公益的機能に関する文献要約集「森林水文」
- V2: 事業実施後における1ha当りの年間浸食土砂量(m3) 1.30
- 出典:「治山全体調査の考え方進め方」森林の公益的機能に関する文献要約集「森林水文」
- A: 事業対象区域面積 (ha) 16.20 ~ 16.20
- T: 事業実施後、流出係数が安定するのに必要な年数 15
- Y: 評価期間 80

| 年度 | 社会的割引率 | 事業対象区域面積 | 事業効果面積 | 効果額 | 現在価値化 |
|------|--------|----------|--------|-------|-------|
| 2001 | 1.5395 | | | | |
| 2002 | 1.4802 | 16.20 | 1.08 | 113 | 167 |
| 2003 | 1.4233 | 16.20 | 2.16 | 226 | 322 |
| 2004 | 1.3686 | 16.20 | 3.24 | 339 | 464 |
| 2005 | 1.3159 | 16.20 | 4.32 | 452 | 595 |
| 2006 | 1.2653 | 16.20 | 5.40 | 565 | 715 |
| 2007 | 1.2167 | 16.20 | 6.48 | 679 | 826 |
| 2008 | 1.1699 | 16.20 | 7.56 | 792 | 927 |
| 2009 | 1.1249 | 16.20 | 8.64 | 905 | 1,018 |
| 2010 | 1.0816 | 16.20 | 9.72 | 1,018 | 1,101 |
| 2011 | 1.0400 | 16.20 | 10.80 | 1,131 | 1,176 |
| 2012 | 1.0000 | 16.20 | 11.88 | 1,244 | 1,244 |
| 2013 | 0.9615 | 16.20 | 12.96 | 1,357 | 1,305 |
| 2014 | 0.9246 | 16.20 | 14.04 | 1,470 | 1,359 |
| 2015 | 0.8890 | 16.20 | 15.12 | 1,583 | 1,407 |
| 2016 | 0.8548 | 16.20 | 16.20 | 1,696 | 1,450 |
| 2017 | 0.8219 | 16.20 | 16.20 | 1,696 | 1,394 |
| 2018 | 0.7903 | 16.20 | 16.20 | 1,696 | 1,340 |
| 2019 | 0.7599 | 16.20 | 16.20 | 1,696 | 1,289 |
| 2020 | 0.7307 | 16.20 | 16.20 | 1,696 | 1,239 |
| 2021 | 0.7026 | 16.20 | 16.20 | 1,696 | 1,192 |
| 2022 | 0.6756 | 16.20 | 16.20 | 1,696 | 1,146 |
| 2023 | 0.6496 | 16.20 | 16.20 | 1,696 | 1,102 |
| 2024 | 0.6246 | 16.20 | 16.20 | 1,696 | 1,059 |
| 2025 | 0.6006 | 16.20 | 16.20 | 1,696 | 1,019 |
| 2026 | 0.5775 | 16.20 | 16.20 | 1,696 | 979 |
| 2027 | 0.5553 | 16.20 | 16.20 | 1,696 | 942 |
| 2028 | 0.5339 | 16.20 | 16.20 | 1,696 | 905 |
| 2029 | 0.5134 | 16.20 | 16.20 | 1,696 | 871 |
| 2030 | 0.4936 | 16.20 | 16.20 | 1,696 | 837 |
| 2031 | 0.4746 | 16.20 | 16.20 | 1,696 | 805 |
| 2032 | 0.4564 | 16.20 | 16.20 | 1,696 | 774 |
| 2033 | 0.4388 | 16.20 | 16.20 | 1,696 | 744 |
| 2034 | 0.4220 | 16.20 | 16.20 | 1,696 | 716 |
| 2035 | 0.4057 | 16.20 | 16.20 | 1,696 | 688 |
| 2036 | 0.3901 | 16.20 | 16.20 | 1,696 | 662 |
| 2037 | 0.3751 | 16.20 | 16.20 | 1,696 | 636 |
| 2038 | 0.3607 | 16.20 | 16.20 | 1,696 | 612 |
| 2039 | 0.3468 | 16.20 | 16.20 | 1,696 | 588 |
| 2040 | 0.3335 | 16.20 | 16.20 | 1,696 | 566 |
| 2041 | 0.3207 | 16.20 | 16.20 | 1,696 | 544 |
| 2042 | 0.3083 | 16.20 | 16.20 | 1,696 | 523 |
| 2043 | 0.2965 | 16.20 | 16.20 | 1,696 | 503 |
| 2044 | 0.2851 | 16.20 | 16.20 | 1,696 | 484 |
| 2045 | 0.2741 | 16.20 | 16.20 | 1,696 | 465 |
| 2046 | 0.2636 | 16.20 | 16.20 | 1,696 | 447 |
| 2047 | 0.2534 | 16.20 | 16.20 | 1,696 | 430 |
| 2048 | 0.2437 | 16.20 | 16.20 | 1,696 | 413 |
| 2049 | 0.2343 | 16.20 | 16.20 | 1,696 | 397 |
| 2050 | 0.2253 | 16.20 | 16.20 | 1,696 | 382 |
| 2051 | 0.2166 | 16.20 | 16.20 | 1,696 | 367 |
| 2052 | 0.2083 | 16.20 | 16.20 | 1,696 | 353 |
| 2053 | 0.2003 | 16.20 | 16.20 | 1,696 | 340 |
| 2054 | 0.1926 | 16.20 | 16.20 | 1,696 | 327 |
| 2055 | 0.1852 | 16.20 | 16.20 | 1,696 | 314 |
| 2056 | 0.1780 | 16.20 | 16.20 | 1,696 | 302 |
| 2057 | 0.1712 | 16.20 | 16.20 | 1,696 | 290 |
| 2058 | 0.1646 | 16.20 | 16.20 | 1,696 | 279 |
| 2059 | 0.1583 | 16.20 | 16.20 | 1,696 | 268 |
| 2060 | 0.1522 | 16.20 | 16.20 | 1,696 | 258 |
| 2061 | 0.1463 | 16.20 | 16.20 | 1,696 | 248 |
| 2062 | 0.1407 | 16.20 | 16.20 | 1,696 | 239 |
| 2063 | 0.1353 | 16.20 | 16.20 | 1,696 | 229 |
| 2064 | 0.1301 | 16.20 | 16.20 | 1,696 | 221 |
| 2065 | 0.1251 | 16.20 | 16.20 | 1,696 | 212 |
| 2066 | 0.1203 | 16.20 | 16.20 | 1,696 | 204 |
| 2067 | 0.1157 | 16.20 | 16.20 | 1,696 | 196 |

| | | | | | |
|------|--------|-------|-------|-------|--------|
| 2068 | 0.1112 | 16.20 | 16.20 | 1,696 | 189 |
| 2069 | 0.1069 | 16.20 | 16.20 | 1,696 | 181 |
| 2070 | 0.1028 | 16.20 | 16.20 | 1,696 | 174 |
| 2071 | 0.0989 | 16.20 | 16.20 | 1,696 | 168 |
| 2072 | 0.0951 | 16.20 | 16.20 | 1,696 | 161 |
| 2073 | 0.0914 | 16.20 | 16.20 | 1,696 | 155 |
| 2074 | 0.0879 | 16.20 | 16.20 | 1,696 | 149 |
| 2075 | 0.0845 | 16.20 | 16.20 | 1,696 | 143 |
| 2076 | 0.0813 | 16.20 | 16.20 | 1,696 | 138 |
| 2077 | 0.0781 | 16.20 | 16.20 | 1,696 | 132 |
| 2078 | 0.0751 | 16.20 | 16.20 | 1,696 | 127 |
| 2079 | 0.0722 | 16.20 | 16.20 | 1,696 | 122 |
| 2080 | 0.0695 | 16.20 | 16.20 | 1,696 | 118 |
| 2081 | 0.0668 | 16.20 | 16.20 | 1,696 | 113 |
| 合計 | | | | | 47,486 |

$$B = \sum_{t=11}^Y \frac{V \times U}{(1+i)^t}$$

$$V = 0.01 \times A \times R \times N \times H \times 10,000$$

| | | |
|---------|---|---------------|
| U: | 1m3の土砂を保全するために要する単位当たりの砂防ダム建設コスト(円/m3) 出典:「砂防便覧」平成20年版 | 5,600 |
| V: | 崩壊見込み量(m3/年) | 0.00 ~ 15.03 |
| A: | 事業対象区域面積(ha) | 16.20 ~ 16.20 |
| R: | 流域内崩壊率 出典:「治山全体調査」S42からS46 | 0.0071 |
| N: | 雨量比=50年確率日雨量/既往最大日雨量 出典:気象統計情報(気象庁) | 0.8714 |
| H: | 平均崩壊深(m) 出典:都道府県等への聞き取り | 1.5 |
| Y: | 評価期間 | 80 |
| 10,000: | 単位合わせのための調整値 | |

| 年度 | 社会的割引率 | 事業対象区域面積 | 崩壊見込み量 | 効果額 | 現在価値化 |
|------|--------|----------|--------|-----|-------|
| 2001 | 1.5395 | | | | |
| 2002 | 1.4802 | 16.20 | 0.00 | 0 | 0 |
| 2003 | 1.4233 | 16.20 | 0.00 | 0 | 0 |
| 2004 | 1.3686 | 16.20 | 0.00 | 0 | 0 |
| 2005 | 1.3159 | 16.20 | 0.00 | 0 | 0 |
| 2006 | 1.2653 | 16.20 | 0.00 | 0 | 0 |
| 2007 | 1.2167 | 16.20 | 0.00 | 0 | 0 |
| 2008 | 1.1699 | 16.20 | 0.00 | 0 | 0 |
| 2009 | 1.1249 | 16.20 | 0.00 | 0 | 0 |
| 2010 | 1.0816 | 16.20 | 0.00 | 0 | 0 |
| 2011 | 1.0400 | 16.20 | 0.00 | 0 | 0 |
| 2012 | 1.0000 | 16.20 | 15.03 | 84 | 84 |
| 2013 | 0.9615 | 16.20 | 15.03 | 84 | 81 |
| 2014 | 0.9246 | 16.20 | 15.03 | 84 | 78 |
| 2015 | 0.8890 | 16.20 | 15.03 | 84 | 75 |
| 2016 | 0.8548 | 16.20 | 15.03 | 84 | 72 |
| 2017 | 0.8219 | 16.20 | 15.03 | 84 | 69 |
| 2018 | 0.7903 | 16.20 | 15.03 | 84 | 66 |
| 2019 | 0.7599 | 16.20 | 15.03 | 84 | 64 |
| 2020 | 0.7307 | 16.20 | 15.03 | 84 | 61 |
| 2021 | 0.7026 | 16.20 | 15.03 | 84 | 59 |
| 2022 | 0.6756 | 16.20 | 15.03 | 84 | 57 |
| 2023 | 0.6496 | 16.20 | 15.03 | 84 | 55 |
| 2024 | 0.6246 | 16.20 | 15.03 | 84 | 52 |
| 2025 | 0.6006 | 16.20 | 15.03 | 84 | 50 |
| 2026 | 0.5775 | 16.20 | 15.03 | 84 | 49 |
| 2027 | 0.5553 | 16.20 | 15.03 | 84 | 47 |
| 2028 | 0.5339 | 16.20 | 15.03 | 84 | 45 |
| 2029 | 0.5134 | 16.20 | 15.03 | 84 | 43 |
| 2030 | 0.4936 | 16.20 | 15.03 | 84 | 41 |
| 2031 | 0.4746 | 16.20 | 15.03 | 84 | 40 |
| 2032 | 0.4564 | 16.20 | 15.03 | 84 | 38 |
| 2033 | 0.4388 | 16.20 | 15.03 | 84 | 37 |
| 2034 | 0.4220 | 16.20 | 15.03 | 84 | 35 |
| 2035 | 0.4057 | 16.20 | 15.03 | 84 | 34 |
| 2036 | 0.3901 | 16.20 | 15.03 | 84 | 33 |
| 2037 | 0.3751 | 16.20 | 15.03 | 84 | 32 |
| 2038 | 0.3607 | 16.20 | 15.03 | 84 | 30 |
| 2039 | 0.3468 | 16.20 | 15.03 | 84 | 29 |
| 2040 | 0.3335 | 16.20 | 15.03 | 84 | 28 |
| 2041 | 0.3207 | 16.20 | 15.03 | 84 | 27 |
| 2042 | 0.3083 | 16.20 | 15.03 | 84 | 26 |
| 2043 | 0.2965 | 16.20 | 15.03 | 84 | 25 |
| 2044 | 0.2851 | 16.20 | 15.03 | 84 | 24 |
| 2045 | 0.2741 | 16.20 | 15.03 | 84 | 23 |
| 2046 | 0.2636 | 16.20 | 15.03 | 84 | 22 |
| 2047 | 0.2534 | 16.20 | 15.03 | 84 | 21 |
| 2048 | 0.2437 | 16.20 | 15.03 | 84 | 20 |
| 2049 | 0.2343 | 16.20 | 15.03 | 84 | 20 |
| 2050 | 0.2253 | 16.20 | 15.03 | 84 | 19 |
| 2051 | 0.2166 | 16.20 | 15.03 | 84 | 18 |
| 2052 | 0.2083 | 16.20 | 15.03 | 84 | 17 |
| 2053 | 0.2003 | 16.20 | 15.03 | 84 | 17 |
| 2054 | 0.1926 | 16.20 | 15.03 | 84 | 16 |
| 2055 | 0.1852 | 16.20 | 15.03 | 84 | 16 |
| 2056 | 0.1780 | 16.20 | 15.03 | 84 | 15 |
| 2057 | 0.1712 | 16.20 | 15.03 | 84 | 14 |
| 2058 | 0.1646 | 16.20 | 15.03 | 84 | 14 |
| 2059 | 0.1583 | 16.20 | 15.03 | 84 | 13 |

| | | | | | |
|------|--------|-------|-------|----|-------|
| 2060 | 0.1522 | 16.20 | 15.03 | 84 | 13 |
| 2061 | 0.1463 | 16.20 | 15.03 | 84 | 12 |
| 2062 | 0.1407 | 16.20 | 15.03 | 84 | 12 |
| 2063 | 0.1353 | 16.20 | 15.03 | 84 | 11 |
| 2064 | 0.1301 | 16.20 | 15.03 | 84 | 11 |
| 2065 | 0.1251 | 16.20 | 15.03 | 84 | 11 |
| 2066 | 0.1203 | 16.20 | 15.03 | 84 | 10 |
| 2067 | 0.1157 | 16.20 | 15.03 | 84 | 10 |
| 2068 | 0.1112 | 16.20 | 15.03 | 84 | 9 |
| 2069 | 0.1069 | 16.20 | 15.03 | 84 | 9 |
| 2070 | 0.1028 | 16.20 | 15.03 | 84 | 9 |
| 2071 | 0.0989 | 16.20 | 15.03 | 84 | 8 |
| 2072 | 0.0951 | 16.20 | 15.03 | 84 | 8 |
| 2073 | 0.0914 | 16.20 | 15.03 | 84 | 8 |
| 2074 | 0.0879 | 16.20 | 15.03 | 84 | 7 |
| 2075 | 0.0845 | 16.20 | 15.03 | 84 | 7 |
| 2076 | 0.0813 | 16.20 | 15.03 | 84 | 7 |
| 2077 | 0.0781 | 16.20 | 15.03 | 84 | 7 |
| 2078 | 0.0751 | 16.20 | 15.03 | 84 | 6 |
| 2079 | 0.0722 | 16.20 | 15.03 | 84 | 6 |
| 2080 | 0.0695 | 16.20 | 15.03 | 84 | 6 |
| 2081 | 0.0668 | 16.20 | 15.03 | 84 | 6 |
| 合計 | | | | | 2,044 |

| | | | | | | | | | | | | | |
|------|--------|-------|-----|------|----|--|--|--|--|--|--|--|--|
| 2035 | 0.4057 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2036 | 0.3901 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2037 | 0.3751 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2038 | 0.3607 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2039 | 0.3468 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2040 | 0.3335 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2041 | 0.3207 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2042 | 0.3083 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2043 | 0.2965 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2044 | 0.2851 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2045 | 0.2741 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2046 | 0.2636 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2047 | 0.2534 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2048 | 0.2437 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2049 | 0.2343 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2050 | 0.2253 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2051 | 0.2166 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2052 | 0.2083 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2053 | 0.2003 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2054 | 0.1926 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2055 | 0.1852 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2056 | 0.1780 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2057 | 0.1712 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2058 | 0.1646 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2059 | 0.1583 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2060 | 0.1522 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2061 | 0.1463 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2062 | 0.1407 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2063 | 0.1353 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2064 | 0.1301 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2065 | 0.1251 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2066 | 0.1203 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2067 | 0.1157 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2068 | 0.1112 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2069 | 0.1069 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2070 | 0.1028 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2071 | 0.0989 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2072 | 0.0951 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2073 | 0.0914 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2074 | 0.0879 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2075 | 0.0845 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2076 | 0.0813 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2077 | 0.0781 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2078 | 0.0751 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2079 | 0.0722 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2080 | 0.0695 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 2081 | 0.0668 | 37.57 | 201 | 5.40 | 59 | | | | | | | | |
| 合計 | | | | | | | | | | | | | |

| 年度 | 社会の割引率 | 合計 | |
|------|--------|-----|-------|
| | | 効果額 | 現在価値化 |
| 2001 | 1.5395 | | |
| 2002 | 1.4802 | 260 | 385 |
| 2003 | 1.4233 | 260 | 370 |
| 2004 | 1.3686 | 260 | 356 |
| 2005 | 1.3159 | 260 | 342 |
| 2006 | 1.2653 | 260 | 329 |
| 2007 | 1.2167 | 260 | 316 |
| 2008 | 1.1699 | 260 | 304 |
| 2009 | 1.1249 | 260 | 292 |
| 2010 | 1.0816 | 260 | 281 |
| 2011 | 1.0400 | 260 | 270 |
| 2012 | 1.0000 | 260 | 260 |
| 2013 | 0.9615 | 260 | 250 |
| 2014 | 0.9246 | 260 | 240 |
| 2015 | 0.8890 | 260 | 231 |
| 2016 | 0.8548 | 260 | 222 |
| 2017 | 0.8219 | 260 | 214 |
| 2018 | 0.7903 | 260 | 205 |
| 2019 | 0.7599 | 260 | 198 |
| 2020 | 0.7307 | 260 | 190 |
| 2021 | 0.7026 | 260 | 183 |
| 2022 | 0.6756 | 260 | 176 |
| 2023 | 0.6496 | 260 | 169 |
| 2024 | 0.6246 | 260 | 162 |
| 2025 | 0.6006 | 260 | 156 |
| 2026 | 0.5775 | 260 | 150 |
| 2027 | 0.5553 | 260 | 144 |
| 2028 | 0.5339 | 260 | 139 |
| 2029 | 0.5134 | 260 | 133 |
| 2030 | 0.4936 | 260 | 128 |
| 2031 | 0.4746 | 260 | 123 |
| 2032 | 0.4564 | 260 | 119 |
| 2033 | 0.4388 | 260 | 114 |
| 2034 | 0.4220 | 260 | 110 |
| 2035 | 0.4057 | 260 | 105 |
| 2036 | 0.3901 | 260 | 101 |
| 2037 | 0.3751 | 260 | 98 |
| 2038 | 0.3607 | 260 | 94 |
| 2039 | 0.3468 | 260 | 90 |

| | | | |
|------|--------|-----|-------|
| 2040 | 0.3335 | 260 | 87 |
| 2041 | 0.3207 | 260 | 83 |
| 2042 | 0.3083 | 260 | 80 |
| 2043 | 0.2965 | 260 | 77 |
| 2044 | 0.2851 | 260 | 74 |
| 2045 | 0.2741 | 260 | 71 |
| 2046 | 0.2636 | 260 | 69 |
| 2047 | 0.2534 | 260 | 66 |
| 2048 | 0.2437 | 260 | 63 |
| 2049 | 0.2343 | 260 | 61 |
| 2050 | 0.2253 | 260 | 59 |
| 2051 | 0.2166 | 260 | 56 |
| 2052 | 0.2083 | 260 | 54 |
| 2053 | 0.2003 | 260 | 52 |
| 2054 | 0.1926 | 260 | 50 |
| 2055 | 0.1852 | 260 | 48 |
| 2056 | 0.1780 | 260 | 46 |
| 2057 | 0.1712 | 260 | 45 |
| 2058 | 0.1646 | 260 | 43 |
| 2059 | 0.1583 | 260 | 41 |
| 2060 | 0.1522 | 260 | 40 |
| 2061 | 0.1463 | 260 | 38 |
| 2062 | 0.1407 | 260 | 37 |
| 2063 | 0.1353 | 260 | 35 |
| 2064 | 0.1301 | 260 | 34 |
| 2065 | 0.1251 | 260 | 33 |
| 2066 | 0.1203 | 260 | 31 |
| 2067 | 0.1157 | 260 | 30 |
| 2068 | 0.1112 | 260 | 29 |
| 2069 | 0.1069 | 260 | 28 |
| 2070 | 0.1028 | 260 | 27 |
| 2071 | 0.0989 | 260 | 26 |
| 2072 | 0.0951 | 260 | 25 |
| 2073 | 0.0914 | 260 | 24 |
| 2074 | 0.0879 | 260 | 23 |
| 2075 | 0.0845 | 260 | 22 |
| 2076 | 0.0813 | 260 | 21 |
| 2077 | 0.0781 | 260 | 20 |
| 2078 | 0.0751 | 260 | 20 |
| 2079 | 0.0722 | 260 | 19 |
| 2080 | 0.0695 | 260 | 18 |
| 2081 | 0.0668 | 260 | 17 |
| 合計 | | | 9,571 |

$$B = \sum_{t=1}^{T-1} \frac{t}{T \times (1+i)^t} + \sum_{t=T}^Y \frac{1}{(1+i)^t} \times (C1 - C2) \times A \times 0.3 \times \frac{44}{12} \times U$$

$$C1 = \frac{s \times e1}{30}$$

$$C2 = \frac{s \times e2}{30}$$

| | | |
|--------|---|---------------|
| U: | 二酸化炭素に関する原単位(円/t-CO2) 出典:「二酸化炭素地中貯留技術研究開発成果報告書」(財)地球環境産業技術研究機構(平成18年3月) | 6,046 |
| C1: | 事業を実施しない場合の年間流出土砂量に含まれる炭素量(t-C/ha) ①事業対象区域 | 0.57 |
| C2: | 事業を実施した場合の年間流出土砂量に含まれる炭素量(t-C/ha) ①事業対象区域 | 0.04 |
| T: | 事業実施後、流出係数が安定するのに必要な年数 | 15 |
| Y: | ①侵食深が30cmに達するまでの年数(To) 又は ①事業対象区域 ②評価期間内に侵食深が30cmに達しない場合は評価期間 | 80 |
| A: | ①事業対象区域面積(ha) 又は ②保全効果区域面積(ha) | 16.20 ~ 16.20 |
| s: | 単位面積当たりの土壌平均炭素蓄積量(t-C/ha) 出典:「日本国温室効果ガスインベントリ報告書」(2011年4月)(国立環境研究所温室効果ガスインベントリオフィス編) | 85.31 |
| 44/12: | 炭素から二酸化炭素への換算係数 | |
| e1:: | 事業を実施しない場合の侵食深(cm/年) 出典:「治山全体調査の考え方進め方」「森林の公益的機能に関する文献要約集」「森林水文」 | ①事業対象区域 0.200 |
| e2:: | 事業を実施した場合の侵食深(cm/年) 出典:「治山全体調査の考え方進め方」「森林の公益的機能に関する文献要約集」「森林水文」 | ①事業対象区域 0.013 |
| 30: | 土壌炭素の測定深度(cm) | |
| 0.3: | 流出土砂排出炭素係数 | |

| 年度 | 社会的割引率 | 事業対象区域 | | | | 効果対象面積 | 効果額 | 現在価値化 |
|------|--------|----------|--------|-----|-------|--------|-----|-------|
| | | 事業対象区域面積 | 効果対象面積 | 効果額 | 現在価値化 | | | |
| 2001 | 1.5395 | | | | | | | |
| 2002 | 1.4802 | 16.20 | 1.08 | 4 | 6 | | | |
| 2003 | 1.4233 | 16.20 | 2.16 | 8 | 11 | | | |
| 2004 | 1.3686 | 16.20 | 3.24 | 11 | 15 | | | |
| 2005 | 1.3159 | 16.20 | 4.32 | 15 | 20 | | | |
| 2006 | 1.2653 | 16.20 | 5.40 | 19 | 24 | | | |
| 2007 | 1.2167 | 16.20 | 6.48 | 23 | 28 | | | |
| 2008 | 1.1699 | 16.20 | 7.56 | 27 | 32 | | | |
| 2009 | 1.1249 | 16.20 | 8.64 | 30 | 34 | | | |
| 2010 | 1.0816 | 16.20 | 9.72 | 34 | 37 | | | |
| 2011 | 1.0400 | 16.20 | 10.80 | 38 | 40 | | | |
| 2012 | 1.0000 | 16.20 | 11.88 | 42 | 42 | | | |
| 2013 | 0.9615 | 16.20 | 12.96 | 46 | 44 | | | |
| 2014 | 0.9246 | 16.20 | 14.04 | 49 | 45 | | | |
| 2015 | 0.8890 | 16.20 | 15.12 | 53 | 47 | | | |
| 2016 | 0.8548 | 16.20 | 16.20 | 57 | 49 | | | |
| 2017 | 0.8219 | 16.20 | 16.20 | 57 | 47 | | | |
| 2018 | 0.7903 | 16.20 | 16.20 | 57 | 45 | | | |
| 2019 | 0.7599 | 16.20 | 16.20 | 57 | 43 | | | |
| 2020 | 0.7307 | 16.20 | 16.20 | 57 | 42 | | | |
| 2021 | 0.7026 | 16.20 | 16.20 | 57 | 40 | | | |
| 2022 | 0.6756 | 16.20 | 16.20 | 57 | 39 | | | |
| 2023 | 0.6496 | 16.20 | 16.20 | 57 | 37 | | | |
| 2024 | 0.6246 | 16.20 | 16.20 | 57 | 36 | | | |
| 2025 | 0.6006 | 16.20 | 16.20 | 57 | 34 | | | |
| 2026 | 0.5775 | 16.20 | 16.20 | 57 | 33 | | | |
| 2027 | 0.5553 | 16.20 | 16.20 | 57 | 32 | | | |
| 2028 | 0.5339 | 16.20 | 16.20 | 57 | 30 | | | |
| 2029 | 0.5134 | 16.20 | 16.20 | 57 | 29 | | | |
| 2030 | 0.4936 | 16.20 | 16.20 | 57 | 28 | | | |
| 2031 | 0.4746 | 16.20 | 16.20 | 57 | 27 | | | |
| 2032 | 0.4564 | 16.20 | 16.20 | 57 | 26 | | | |
| 2033 | 0.4388 | 16.20 | 16.20 | 57 | 25 | | | |
| 2034 | 0.4220 | 16.20 | 16.20 | 57 | 24 | | | |
| 2035 | 0.4057 | 16.20 | 16.20 | 57 | 23 | | | |
| 2036 | 0.3901 | 16.20 | 16.20 | 57 | 22 | | | |
| 2037 | 0.3751 | 16.20 | 16.20 | 57 | 21 | | | |
| 2038 | 0.3607 | 16.20 | 16.20 | 57 | 21 | | | |
| 2039 | 0.3468 | 16.20 | 16.20 | 57 | 20 | | | |
| 2040 | 0.3335 | 16.20 | 16.20 | 57 | 19 | | | |

| | | | | | | | | |
|------|--------|-------|-------|----|-------|--|--|---|
| 2041 | 0.3207 | 16.20 | 16.20 | 57 | 18 | | | |
| 2042 | 0.3083 | 16.20 | 16.20 | 57 | 18 | | | |
| 2043 | 0.2965 | 16.20 | 16.20 | 57 | 17 | | | |
| 2044 | 0.2851 | 16.20 | 16.20 | 57 | 16 | | | |
| 2045 | 0.2741 | 16.20 | 16.20 | 57 | 16 | | | |
| 2046 | 0.2636 | 16.20 | 16.20 | 57 | 15 | | | |
| 2047 | 0.2534 | 16.20 | 16.20 | 57 | 14 | | | |
| 2048 | 0.2437 | 16.20 | 16.20 | 57 | 14 | | | |
| 2049 | 0.2343 | 16.20 | 16.20 | 57 | 13 | | | |
| 2050 | 0.2253 | 16.20 | 16.20 | 57 | 13 | | | |
| 2051 | 0.2166 | 16.20 | 16.20 | 57 | 12 | | | |
| 2052 | 0.2083 | 16.20 | 16.20 | 57 | 12 | | | |
| 2053 | 0.2003 | 16.20 | 16.20 | 57 | 11 | | | |
| 2054 | 0.1926 | 16.20 | 16.20 | 57 | 11 | | | |
| 2055 | 0.1852 | 16.20 | 16.20 | 57 | 11 | | | |
| 2056 | 0.1780 | 16.20 | 16.20 | 57 | 10 | | | |
| 2057 | 0.1712 | 16.20 | 16.20 | 57 | 10 | | | |
| 2058 | 0.1646 | 16.20 | 16.20 | 57 | 9 | | | |
| 2059 | 0.1583 | 16.20 | 16.20 | 57 | 9 | | | |
| 2060 | 0.1522 | 16.20 | 16.20 | 57 | 9 | | | |
| 2061 | 0.1463 | 16.20 | 16.20 | 57 | 8 | | | |
| 2062 | 0.1407 | 16.20 | 16.20 | 57 | 8 | | | |
| 2063 | 0.1353 | 16.20 | 16.20 | 57 | 8 | | | |
| 2064 | 0.1301 | 16.20 | 16.20 | 57 | 7 | | | |
| 2065 | 0.1251 | 16.20 | 16.20 | 57 | 7 | | | |
| 2066 | 0.1203 | 16.20 | 16.20 | 57 | 7 | | | |
| 2067 | 0.1157 | 16.20 | 16.20 | 57 | 7 | | | |
| 2068 | 0.1112 | 16.20 | 16.20 | 57 | 6 | | | |
| 2069 | 0.1069 | 16.20 | 16.20 | 57 | 6 | | | |
| 2070 | 0.1028 | 16.20 | 16.20 | 57 | 6 | | | |
| 2071 | 0.0989 | 16.20 | 16.20 | 57 | 6 | | | |
| 2072 | 0.0951 | 16.20 | 16.20 | 57 | 5 | | | |
| 2073 | 0.0914 | 16.20 | 16.20 | 57 | 5 | | | |
| 2074 | 0.0879 | 16.20 | 16.20 | 57 | 5 | | | |
| 2075 | 0.0845 | 16.20 | 16.20 | 57 | 5 | | | |
| 2076 | 0.0813 | 16.20 | 16.20 | 57 | 5 | | | |
| 2077 | 0.0781 | 16.20 | 16.20 | 57 | 4 | | | |
| 2078 | 0.0751 | 16.20 | 16.20 | 57 | 4 | | | |
| 2079 | 0.0722 | 16.20 | 16.20 | 57 | 4 | | | |
| 2080 | 0.0695 | 16.20 | 16.20 | 57 | 4 | | | |
| 2081 | 0.0668 | 16.20 | 16.20 | 57 | 4 | | | |
| 合計 | | | | | 1,596 | | | 0 |

$$B = \sum_{t=1}^Y \frac{V_t \times @}{(1+i)^t}$$

Y: 評価期間 80

Vt主: 人工林 主伐量 t年後における伐採材積(m3)
出典:人工林分密度管理図((一社)日本森林技術協会)、
森林農地整備センター収穫予測表((独)森林総合研究所)等

| | |
|--------|-----------------|
| スギ | 0.00 ~ 4,809.12 |
| 前生広葉樹等 | 0.00 ~ 864.60 |
| 0 | |
| 0 | |
| 0 | |

@: 人工林 主伐材 木材市場価格(円/m3)
出典:「山林素地及び山元立木価格調((一財)日本不動産研究所)」(平成24年3月末現

| | |
|--------|-------|
| スギ | 2,951 |
| 前生広葉樹等 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |

| 年度 | 社会的割引率 | スギ | | 前生広葉樹等 | | 事業効果蓄積 | 効果額 | 事業効果材積 | 効果額 | 事業効果材積 | 効果額 |
|------|--------|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| | | 事業効果材積 | 効果額 | 事業効果材積 | 効果額 | | | | | | |
| 2001 | 1.5395 | | | | | | | | | | |
| 2002 | 1.4802 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2003 | 1.4233 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2004 | 1.3686 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2005 | 1.3159 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2006 | 1.2653 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2007 | 1.2167 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2008 | 1.1699 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2009 | 1.1249 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2010 | 1.0816 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2011 | 1.0400 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2012 | 1.0000 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2013 | 0.9615 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2014 | 0.9246 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2015 | 0.8890 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2016 | 0.8548 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2017 | 0.8219 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2018 | 0.7903 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2019 | 0.7599 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2020 | 0.7307 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2021 | 0.7026 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2022 | 0.6756 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2023 | 0.6496 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2024 | 0.6246 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2025 | 0.6006 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2026 | 0.5775 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2027 | 0.5553 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2028 | 0.5339 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2029 | 0.5134 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2030 | 0.4936 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2031 | 0.4746 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2032 | 0.4564 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2033 | 0.4388 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2034 | 0.4220 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2035 | 0.4057 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2036 | 0.3901 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2037 | 0.3751 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2038 | 0.3607 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2039 | 0.3468 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2040 | 0.3335 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2041 | 0.3207 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2042 | 0.3083 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2043 | 0.2965 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2044 | 0.2851 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2045 | 0.2741 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2046 | 0.2636 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2047 | 0.2534 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2048 | 0.2437 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2049 | 0.2343 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2050 | 0.2253 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2051 | 0.2166 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2052 | 0.2083 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2053 | 0.2003 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2054 | 0.1926 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2055 | 0.1852 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2056 | 0.1780 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2057 | 0.1712 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2058 | 0.1646 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2059 | 0.1583 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2060 | 0.1522 | 0.00 | 0 | 0.00 | 0 | | | | | | |

| | | | | | | | | | | | |
|------|--------|----------|--------|--------|---|--|--|--|--|--|--|
| 2061 | 0.1463 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2062 | 0.1407 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2063 | 0.1353 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2064 | 0.1301 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2065 | 0.1251 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2066 | 0.1203 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2067 | 0.1157 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2068 | 0.1112 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2069 | 0.1069 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2070 | 0.1028 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2071 | 0.0989 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2072 | 0.0951 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2073 | 0.0914 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2074 | 0.0879 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2075 | 0.0845 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2076 | 0.0813 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2077 | 0.0781 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2078 | 0.0751 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2079 | 0.0722 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2080 | 0.0695 | 0.00 | 0 | 0.00 | 0 | | | | | | |
| 2081 | 0.0668 | 4,809.12 | 14,192 | 864.60 | 0 | | | | | | |
| 合計 | | | | | | | | | | | |

| 年度 | 社会的割引率 | 事業効果材積 | 効果額 | 合計 | |
|------|--------|--------|-----|-----|-------|
| | | | | 効果額 | 現在価値化 |
| 2001 | 1.5395 | | | | |
| 2002 | 1.4802 | | | 0 | 0 |
| 2003 | 1.4233 | | | 0 | 0 |
| 2004 | 1.3686 | | | 0 | 0 |
| 2005 | 1.3159 | | | 0 | 0 |
| 2006 | 1.2653 | | | 0 | 0 |
| 2007 | 1.2167 | | | 0 | 0 |
| 2008 | 1.1699 | | | 0 | 0 |
| 2009 | 1.1249 | | | 0 | 0 |
| 2010 | 1.0816 | | | 0 | 0 |
| 2011 | 1.0400 | | | 0 | 0 |
| 2012 | 1.0000 | | | 0 | 0 |
| 2013 | 0.9615 | | | 0 | 0 |
| 2014 | 0.9246 | | | 0 | 0 |
| 2015 | 0.8890 | | | 0 | 0 |
| 2016 | 0.8548 | | | 0 | 0 |
| 2017 | 0.8219 | | | 0 | 0 |
| 2018 | 0.7903 | | | 0 | 0 |
| 2019 | 0.7599 | | | 0 | 0 |
| 2020 | 0.7307 | | | 0 | 0 |
| 2021 | 0.7026 | | | 0 | 0 |
| 2022 | 0.6756 | | | 0 | 0 |
| 2023 | 0.6496 | | | 0 | 0 |
| 2024 | 0.6246 | | | 0 | 0 |
| 2025 | 0.6006 | | | 0 | 0 |
| 2026 | 0.5775 | | | 0 | 0 |
| 2027 | 0.5553 | | | 0 | 0 |
| 2028 | 0.5339 | | | 0 | 0 |
| 2029 | 0.5134 | | | 0 | 0 |
| 2030 | 0.4936 | | | 0 | 0 |
| 2031 | 0.4746 | | | 0 | 0 |
| 2032 | 0.4564 | | | 0 | 0 |
| 2033 | 0.4388 | | | 0 | 0 |
| 2034 | 0.4220 | | | 0 | 0 |
| 2035 | 0.4057 | | | 0 | 0 |
| 2036 | 0.3901 | | | 0 | 0 |
| 2037 | 0.3751 | | | 0 | 0 |
| 2038 | 0.3607 | | | 0 | 0 |
| 2039 | 0.3468 | | | 0 | 0 |
| 2040 | 0.3335 | | | 0 | 0 |
| 2041 | 0.3207 | | | 0 | 0 |
| 2042 | 0.3083 | | | 0 | 0 |
| 2043 | 0.2965 | | | 0 | 0 |
| 2044 | 0.2851 | | | 0 | 0 |
| 2045 | 0.2741 | | | 0 | 0 |
| 2046 | 0.2636 | | | 0 | 0 |
| 2047 | 0.2534 | | | 0 | 0 |
| 2048 | 0.2437 | | | 0 | 0 |
| 2049 | 0.2343 | | | 0 | 0 |
| 2050 | 0.2253 | | | 0 | 0 |
| 2051 | 0.2166 | | | 0 | 0 |
| 2052 | 0.2083 | | | 0 | 0 |
| 2053 | 0.2003 | | | 0 | 0 |
| 2054 | 0.1926 | | | 0 | 0 |
| 2055 | 0.1852 | | | 0 | 0 |
| 2056 | 0.1780 | | | 0 | 0 |
| 2057 | 0.1712 | | | 0 | 0 |
| 2058 | 0.1646 | | | 0 | 0 |
| 2059 | 0.1583 | | | 0 | 0 |
| 2060 | 0.1522 | | | 0 | 0 |
| 2061 | 0.1463 | | | 0 | 0 |
| 2062 | 0.1407 | | | 0 | 0 |
| 2063 | 0.1353 | | | 0 | 0 |
| 2064 | 0.1301 | | | 0 | 0 |
| 2065 | 0.1251 | | | 0 | 0 |

| | | | | | |
|------|--------|--|--|--------|-----|
| 2066 | 0.1203 | | | 0 | 0 |
| 2067 | 0.1157 | | | 0 | 0 |
| 2068 | 0.1112 | | | 0 | 0 |
| 2069 | 0.1069 | | | 0 | 0 |
| 2070 | 0.1028 | | | 0 | 0 |
| 2071 | 0.0989 | | | 0 | 0 |
| 2072 | 0.0951 | | | 0 | 0 |
| 2073 | 0.0914 | | | 0 | 0 |
| 2074 | 0.0879 | | | 0 | 0 |
| 2075 | 0.0845 | | | 0 | 0 |
| 2076 | 0.0813 | | | 0 | 0 |
| 2077 | 0.0781 | | | 0 | 0 |
| 2078 | 0.0751 | | | 0 | 0 |
| 2079 | 0.0722 | | | 0 | 0 |
| 2080 | 0.0695 | | | 0 | 0 |
| 2081 | 0.0668 | | | 14,192 | 948 |
| 合計 | | | | | 948 |