

| Region | Emission rate (Gg/yr) | | | | |
|--------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|
| | 2004 | 2005 | 2006 | 2007 | 2008 |
| Africa | $0.13^{0.14}_{0.13}$ | $0.14^{0.15}_{0.13}$ | $0.15^{0.16}_{0.13}$ | $0.17^{0.18}_{0.13}$ | $0.17^{0.19}_{0.12}$ |
| | 0.13 | 0.13 | 0.14 | 0.15 | 0.15 |
| Asia, non-UNFCCC | $2.08^{2.38}_{1.74}$ | $2.70^{3.25}_{2.32}$ | $3.43^{4.07}_{2.75}$ | $4.17^{4.87}_{3.09}$ | $4.23^{5.23}_{2.45}$ |
| | 1.84 | 2.07 | 2.29 | 2.52 | 2.75 |
| Asia, UNFCCC | $0.42^{0.46}_{0.41}$ | $0.40^{0.46}_{0.38}$ | $0.36^{0.44}_{0.34}$ | $0.35^{0.46}_{0.32}$ | $0.40^{0.66}_{0.32}$ |
| | 0.49 | 0.48 | 0.46 | 0.45 | 0.43 |
| Oceania | $0.02^{0.02}_{0.02}$ | $0.02^{0.02}_{0.02}$ | $0.02^{0.02}_{0.02}$ | $0.02^{0.02}_{0.02}$ | $0.02^{0.02}_{0.02}$ |
| | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| Europe, UNFCCC | $0.71^{0.75}_{0.59}$ | $0.78^{0.86}_{0.60}$ | $0.68^{0.78}_{0.50}$ | $0.85^{0.93}_{0.58}$ | $0.84^{1.02}_{0.57}$ |
| | 0.84 | 0.91 | 0.98 | 1.05 | 1.12 |
| Europe, non-UNFCCC | $0.02^{0.02}_{0.02}$ | $0.02^{0.02}_{0.02}$ | $0.02^{0.02}_{0.02}$ | $0.02^{0.02}_{0.02}$ | $0.02^{0.02}_{0.02}$ |
| | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| North America | $1.75^{1.92}_{1.43}$ | $1.66^{1.95}_{1.18}$ | $1.60^{1.88}_{1.01}$ | $1.45^{2.05}_{1.03}$ | $1.68^{2.43}_{1.17}$ |
| | 1.86 | 1.90 | 1.94 | 1.98 | 2.02 |
| South America | $0.10^{0.11}_{0.10}$ | $0.11^{0.12}_{0.11}$ | $0.12^{0.13}_{0.12}$ | $0.13^{0.15}_{0.13}$ | $0.13^{0.16}_{0.13}$ |
| | 0.10 | 0.11 | 0.11 | 0.12 | 0.12 |

Aux. Table 1: Annual regional emissions. The first line for each region shows the optimized emissions and uncertainties for 2004-2008, and the second line shows EDGAR v4 and extrapolated emissions in each region.