

Vertical distribution of emissions

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Table 1: Percentage of emission taken place in different model layers.

Source code	Source name	45m	140m	240m	400m	600m	800m	Info source
B10	industry	0	4	19	41	30	6	Emep
B20	Power generation	0	0	8	46	29	17	Emep
B30	Charcoal production	100	0	0	0	0	0	pers. judgement
B40	RCO	50	50	0	0	0	0	Emep
F10	Industry	0	4	19	41	30	6	Emep
F20	Power generation	0	0	8	46	29	17	Emep
F30	OTS	0	4	19	41	30	6	Emep
F40	RCO	50	50	0	0	0	0	Emep
F51	Road transport	100	0	0	0	0	0	Emep
F54	non-Road transport	100	0	0	0	0	0	Emep
F57	air	0	0	0	0	0	0	pers. judgement
F58	Inter. Shipping	50	50	0	0	0	0	pers. judgement
F60	Chem. Feedstock	100	0	0	0	0	0	pers. judgement
F70	coal production	90	10	0	0	0	0	Emep
F80	oil production	90	10	0	0	0	0	Emep
F90	gas production	90	10	0	0	0	0	Emep
I10	iron and steel	90	10	0	0	0	0	Emep
I20	non-ferrous metals	90	10	0	0	0	0	Emep
I30	chemicals	90	10	0	0	0	0	Emep
I40	Building materials	90	10	0	0	0	0	Emep
I50	Pulp and paper	90	10	0	0	0	0	Emep
I60	Food, bev, tobacco	90	10	0	0	0	0	Emep
I70	solvents	100	0	0	0	0	0	Emep
I90	Misc. industry	100	0	0	0	0	0	Emep
L10	Arable land	100	0	0	0	0	0	Emep
L15	Rice cultivation	100	0	0	0	0	0	Emep
L20	Animals	100	0	0	0	0	0	Emep
L30	Animal waste man.	100	0	0	0	0	0	Emep
L41	deforestation	0	100	0	0	0	0	pers. judgement
L42	savannah burning	0	100	0	0	0	0	pers. judgement
L43	Agri. waste burning	0	100	0	0	0	0	pers. judgement
L44	vegetation fires	0	100	0	0	0	0	pers. judgement
L45	deforestation indirect	0	100	0	0	0	0	pers. judgement
L50	Crop products	100	0	0	0	0	0	pers. judgement
L70	Indirect N2O	100	0	0	0	0	0	pers. judgement
W10	landfills	100	0	0	0	0	0	pers. judgement
W20	Wastewater treatment	10	15	40	35	0	0	Emep
W30	Human waste disposal	10	15	40	35	0	0	Emep
W40	Waste incineration	10	15	40	35	0	0	Emep
W50	Misc. waste handling	10	15	40	35	0	0	Emep

^aEmep = based on EMEP model