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ABBREVIATIONS AND SYMBOLS

Abbreviation

ADF	atmospheric deposition factor
AMI	assessment of mean impact
AoPs	areas of protections
Att	attributable
a_x	radiative efficiency
B	burden
BD	biodiversity damage
BoD	burden of disease
BW	body weight
c	cases
CI	category indicator
CV	contingent valuation
CVM	contingent valuation method
D	severity
DALY	disability adjusted life year
DD	data deficient
DF	damage factor
EF	effect factor
EINES	expected increase in number of extinct species
EN	endangered
eq.	equivalent
ETH	ecotoxicity
EW	extinct in the wild
EX	extinct

FF	fate factor
GDP(PPP) _{percap}	the gross domestic production at purchasing power parity per capita
GHG	greenhouse gases
GISS	Goddard Institute for Space Studies model
GWP	global warming potential
HH	human health
iF	intake fraction
IPCC	the Intergovernmental Panel on Climate Change
LC	least concern
LCA	life cycle assessment
LCI	life cycle inventory
LCIA	life cycle impact assessment
LD50	lethal dose 50
LIME	Life-cycle Impact Assessment Method based on Endpoint Modeling
LOEAL	Lowest Observed Adverse Effect Level
LT	life time
NE	not evaluated
NOEAL	No Observed Adverse Effect Level
NPP	net primary production
nss-Cl	non-sea salt chloride
NT	near threatened
PDF	potentially disappeared fraction
PDI	predicted daily intake
Pop	population
r	reference gas
RR	relative risk
RUM	Random utility maximum
SA	social assets
SRES	species report on emission scenario
SRR	source –receptor ratio

T	time horizon
TD50	toxic dose 50
TF	temperature factor
UK89	United Kingdom
UKMO	United Kingdom Meteorological Office
VOCs	volatile organic compounds
VU	vulnerable
WTA	willingness-to-accepted
WTP	willingness-to-pay

Subscripts

a	air
d	health burden
emitted	emission
G	species
h	human effect
i	substances
intake	intake
r	region
s	soil
t	time
TH	Thailand
tot	total
w	water

Greek symbol

β	risk
θ	resident time
ε	unobservable component
η	standard normal random
α/β	maximum likelihood method