	Compartment	Air		Deposition			Surface water		Soil water	Ground water	Soil	Biota												
	Subprogramme	AM	AC	PC	TF	SF	RW	LC	SW	GW	SC	MC	FC	LF	RB	LB	FD	VG	BI	VS	EP	AL	MB	TA	BB
Discipline	**Variable**	**Pollution topic**																							
Physical	TEMPERATURE	**C**	m					o	o		o														
	GLOBAL RADIATION	**C**	m																						
	PHOTOSYN. ACT. RAD.	**C**	o																						
	UV-B RADIATION	**C**	o																						
	HUMIDITY/MOISTURE		m																						
	FLUX		m		m	m	m	m		o	m				m										
	WIND DIRECTION		m																						
	WIND VELOCITY		m																						
	WEIGHT(LOSS)											o	m	m									o	o	
	DENSITY (wet/dry)										m														
	PARTICLE SIZE DISTR.										m														
	COLOUR						o	o																	
Chemical	CONDUCTIVITY			m	m	m	m	m	m	m															
	PH	**A**		m	m	m	m	m	m	m	m														
	SO2S	**A**	m																						
	SO4S	**A**	m	m	m	m	m	m	m	m															
	S-total	**A**		o	o	o	o	o	o	o	m		m	m					m						
	NO2N	**E/A**	m																						
	NO3N	**E/A**		m	m	m	m	m	m	m															
	Σ ($NO_3^-{}_{(part)}$ + $HNO_{3\,(gas)}$)	**E/A**	m																						
	NH4N	**E/A**		m	m	m	m	o	o	m															
	Σ ($NH_{3\,(gas)}$ + $NH_4^-{}_{(part)}$)	**E/A**	m																						
	N-total	**E/A**		o	m	m	m	m	m	m	m		m	m					m						
	O2							o																	
	O3 (AOT40)	**O**	m																						
	CO2	**C**	o																						
	PO4P	**E**		o	o	o	o	o	o	o															
	P-total	**E**		o	o	o	o	o	m	o	m		m	m					m						
	SIO2						o	o	o	o															
	F						o	o					o	o											
	CL			m	m	m	m	m	m	m			o	o											
	NA			m	m	m	m	m	m	m	m		m	m					m						
	K			m	m	m	m	m	m	m	m		m	m					m						
	CA	**A**		m	m	m	m	m	m	m	m		m	m					m						
	MG	**A**		m	m	m	m	m	m	m	m		m	m					m						
	Alkalinity depending on pH			m	m	m	m	m	m	m															
	FE			o	o	o	o	o	o	o	o	o	m	m					m					o	
	MN			o	o	o	o	o	o	o	o		m	m					m						
	B												o	o					m						
	AL total	**T/A**		o	o	o	o	o	m	m	m		o	o										o	
	AL-labile, depending on pH	**T/A**					m	m	m	m															
	AS	**T**		o	o	o	o	o	o	o	o	o	o	o										o	
	CD	**T**		o	o	o	o	o	o	o	o	o	o	o										o	
	CR	**T**		o	o	o	o	o	o	o	o	o	o	o										o	
	CU	**T**		o	o	o	o	o	o	o	o	o	m	m					m					o	
	HG	**T**							o		o	o													
	MO	**T**		o	o	o	o	o	o	o	o		o	o											
	NI	**T**		o	o	o	o	o	o	o	o	o	o	o										o	
	PB	**T**		o	o	o	o	o	o	o	o	o	o	o										o	
	ZN	**T**		o	o	o	o	o	o	o	o	o	m	m					m					o	
	Organo-halogens	**T**																						o	
	PAH	**T**																						o	
	Exchangeable titrable acidity	**A**									m														
	Base saturation	**A**									m														
	Weathering	**A**																							
	Cation exchange capacity	**A/T**									m														
	TOC/DOC	**A/T**			m	m	m	m	m	m	m		m	m											
Biological	Species density														o	o		m	m						m
	Species/organ biomass														o	o			m						
	Species diversity														o	o									
	Species sensitivity																	o			o				
	Species/layer coverage																	m		m	m				
	Species crown visibility																o								
	Species defoliation																o								
	Species discoloration																o								
	Species vitality																		m		m				
	Species flowering																	m							
	Species damage																o								
	Decomposition degree																		m						
	Algae coating																					m			
	Community respiration															o							o		
	Community productivity															o									
	Community chlorphyll cont.															o									
	Phosphatase activity																						o		
	Mineralization																						o		

LEGEND:

PC	A mandatory subprogramme
RB	An optional subprogramme
m	Mandatory variable in a mandatory subprogramme
o	Optional variable in a mandatory subprogramme
m	Mandatory variable in an optional subprogramme. If the subprogramme is carried out, then this variable is considered mandatory.
o	Optional variable in an optional subprogramme. If the subprogramme is carried out, then this variable is considered optional.
	Variable urgently in need of development

A Acidification
C Climate change
E Eutrophication
O Ozone/oxidation
T Toxification