I. Marine Biota AMAP/OSPAR
Temporal trends and spatial variation of heavy metals and POPs.

a) Blue mussel

Parameters	Frequency	Number of sampling areas
Dw and fat Hg, Cd, Cu, Pb, Zn, Se, As 10 PCBs, α and γ HCH, HCB, DDT, DDE and DDD	Yearly	11 locations

b) Cod:

Parameters	Frequency	Number of sampling areas
Dw and fat Hg (in muscle) Cd, Cu, Pb, Zn, Se, As and 10 PCBs, α and γ HCH, HCB, DDT, DDE and DDD (in liver	Yearly	2 locations

II. Freshwater

a) rivers

Parameters	Frequency	Number of sampling areas
Flow, suspended material, pH, temperature, alkalinity, Cl, F, SO_4, NO_3, NO_2, NH_4, N_{total}, PO_4, Ca, Mg, K, Na, Si, S, P, Al, Fe, As, B, Ba, Ti, Cr, Mn, Fe, Co, Sr, Ni, Cu, Zn, Mo, Cd, Hg, Pb, V, DOC, POC, PON	4 samples in each river/year	Two rivers; Þjórsá and Ölfusá

b) lake Þingvallavatn

Biological and physical parameters

Sample type	parameters	frequence
alge	Chlorphyll and counting (1 m), 5 m, 10 m, 25 m (og 35 m) depth.	4 locations , 4 times/year
Zooplancton and crustacea (45 μm)	Counting (1 m), 5 m, 10 m, 25 m (og 35 m) dýpi.	4 locations , 4 times/year
	Temperature, pH. conductivity, clarity	4 locations , 4 times/year
Salmon (murta)	Length weight, age and fishing pressure	Once year

Chemical measurements

Parameters	Frequency	Number of sampling areas
Flow, suspended material, pH, temperature, alkalinity, Ca, Mg, K, Na, Si, S, Al, Fe, As, B, Ba, Ti, Cr, Mn, Fe, Co, Sr Ni, Cu, Zn, Mo, Cd, Hg, Pb, DOC, POC, PON, TDC, POC, PON, Cl, F, NO3, NO2, NH4, N-total, PO4, P-total	6 samples/year	the lake outlet, two feeding springs

Atmospheric

Parameters	Frequency	Number of sampling areas
Air/ Cd, Cu, Zn, Pb, Cr, Ni, Al, As, Mn, Hg, Fe, V, Cl, NO_3, SO_4 HCHs, DDTs, PCBs, HCB, Chlordans, Dieldrin,	24 samplings /year	1 Vestmanna islands
Precipitation/ Na, K, Mg, Ca, Cr, Cu, Zn, As, Cd, Pb, Ni, Br, F, Fe, V, Al, Mn, Cl, NO_3, SO_4, NH_4, pH, conductivity HCHs, DDTs, PCBs, HCB, Chlordans, Dieldrin	12 samplings/year	1 Vestmanna islands