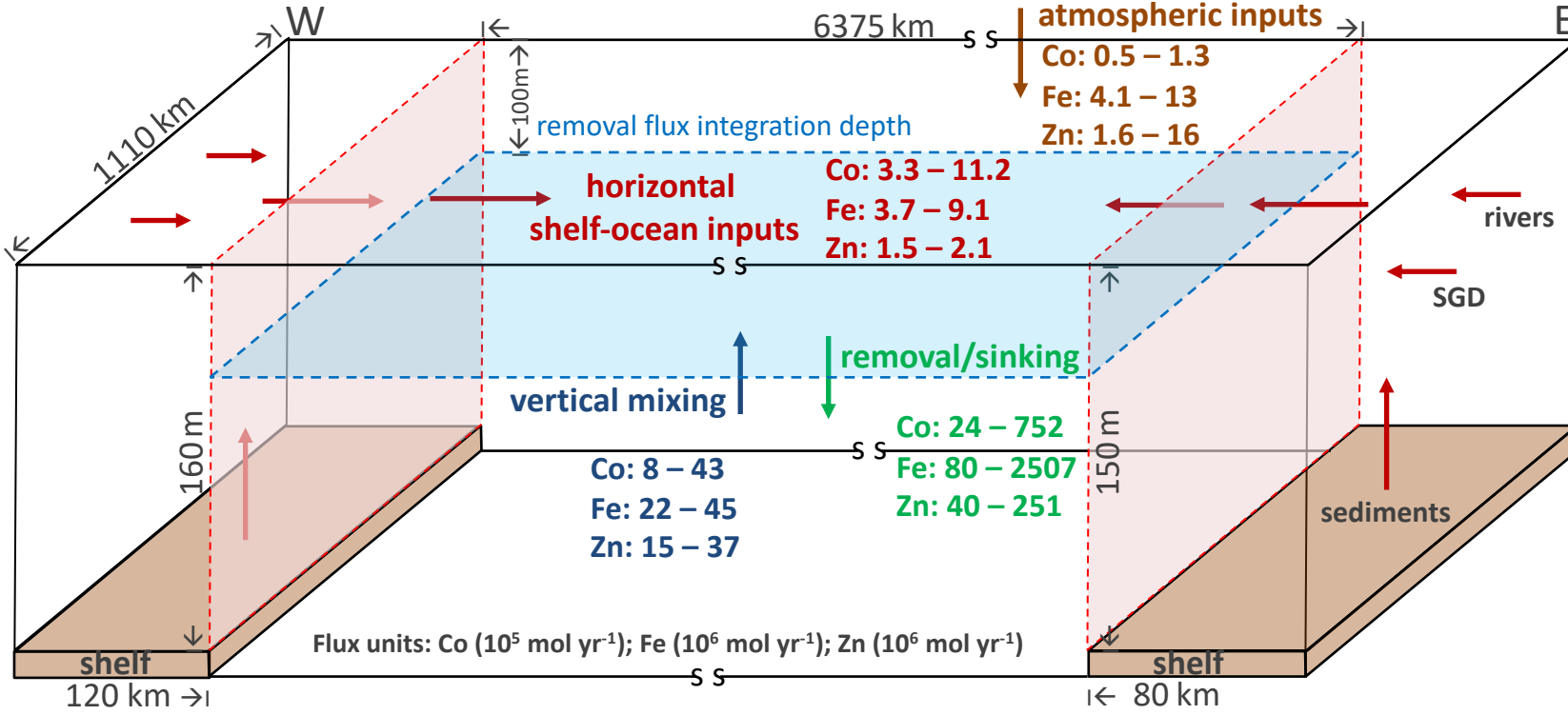
W
E
6375 km
1110 km
100m
atmospheric inputs
Co: 0.5 – 1.3
Fe: 4.1 – 13
Zn: 1.6 – 16
removal flux integration depth
horizontal
shelf-ocean inputs
Co: 3.3 – 11.2
Fe: 3.7 – 9.1
Zn: 1.5 – 2.1
rivers
SGD
removal/sinking
vertical mixing
160 m
150 m
Co: 24 – 752
Fe: 80 – 2507
Zn: 40 – 251
Co: 8 – 43
Fe: 22 – 45
Zn: 15 – 37
sediments
Flux units: Co (10^5 mol yr^{-1}); Fe (10^6 mol yr^{-1}); Zn (10^6 mol yr^{-1})
shelf
shelf
120 km
80 km