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Assessing chromium mobility in natural surface waters: Colloidal contribution to the isotopically exchangeable pool of chromium (E^{W}_{Cr} value)

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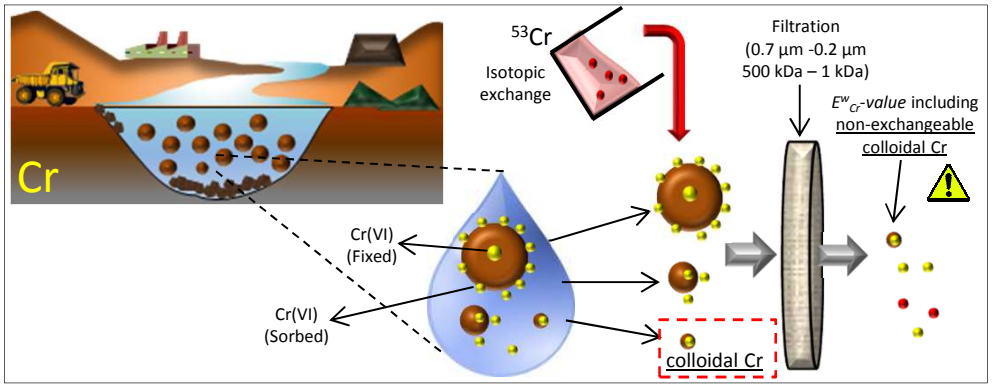
Cr
^{53}Cr
Isotopic exchange
Filtration
(0.7 µm -0.2 µm
500 kDa – 1 kDa)
E^{w}_{Cr}-value including
non-exchangeable
colloidal Cr
Cr(VI)
(Fixed)
Cr(VI)
(Sorbed)
colloidal Cr