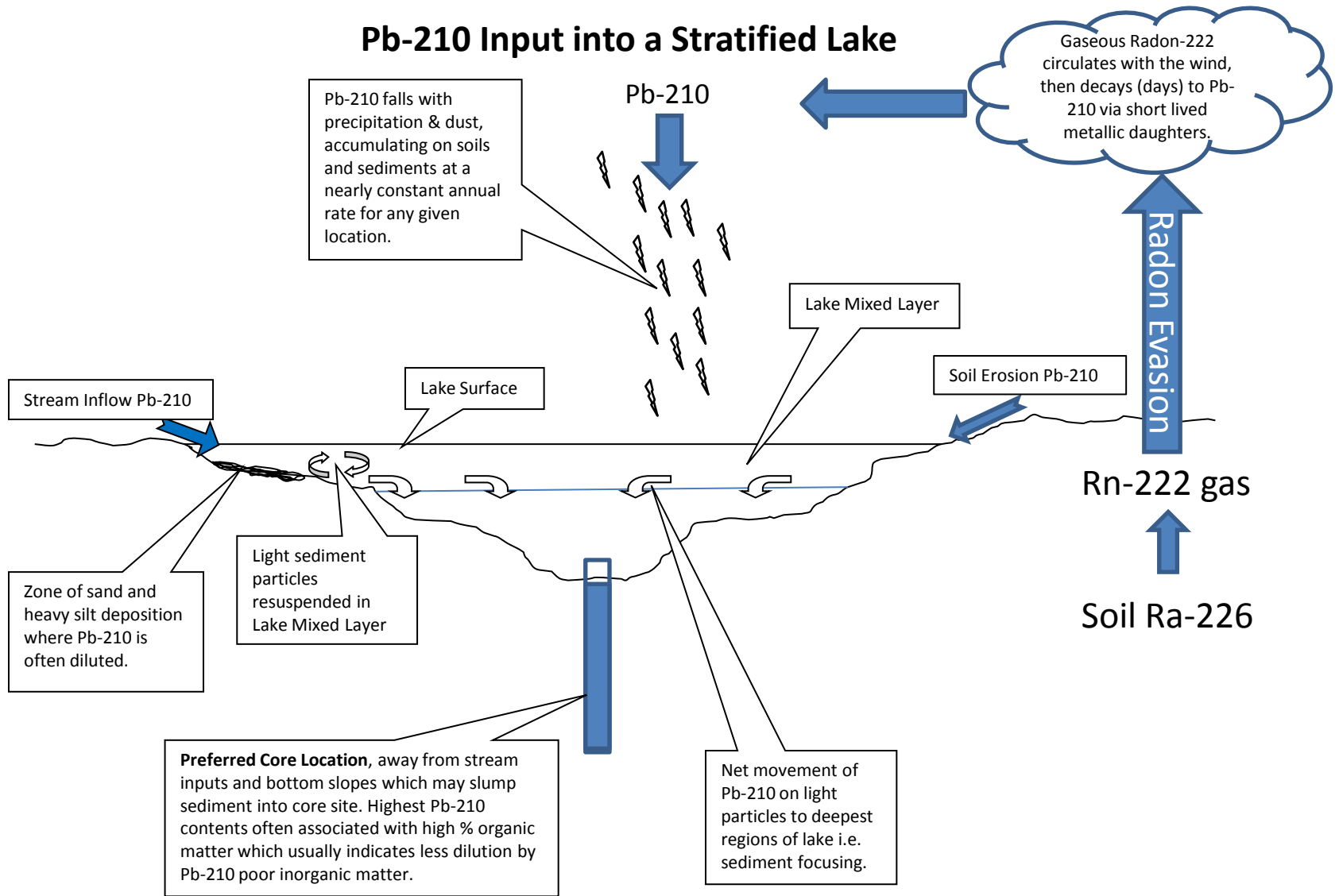


Pb-210 Input into a Stratified Lake



Sediment, Pb-210 and Cs-137 input and distribution patterns in a stratified lake during summer. The best location to obtain a core for Pb-210 or Cs-137 dating is probably the deepest part of the lake. The isotope activities will usually be highest and most easily measured at this site, and physical and biological mixing may be reduced, particularly if the deep waters are anoxic.