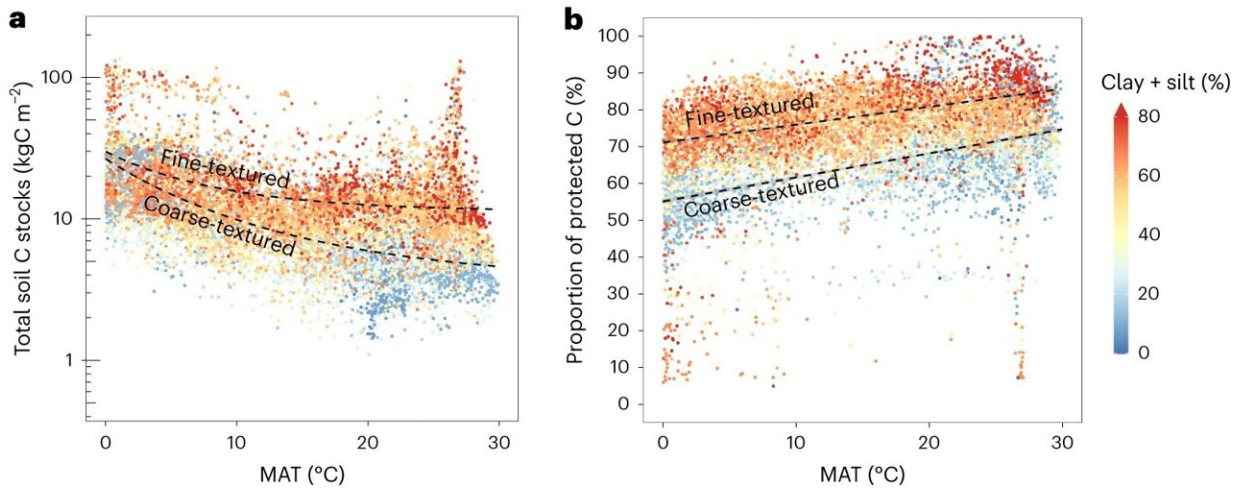
Understanding soil carbon's sensitivity to increasing global temperatures

March 20 2024, by Anne M. Stark



a,**b**, Total soil C stocks (**a**) and the proportion of total soil C that is protected (mineral-associated) (**b**) as a function of the mean annual temperature (MAT) globally. Each gridcell is colored by the percentage of clay and silt minerals, and best-fit trends are depicted for fine- and coarse-textured soils; here, fine-textured soils were classified as those with >70% clay + silt content and coarse-textured soils with