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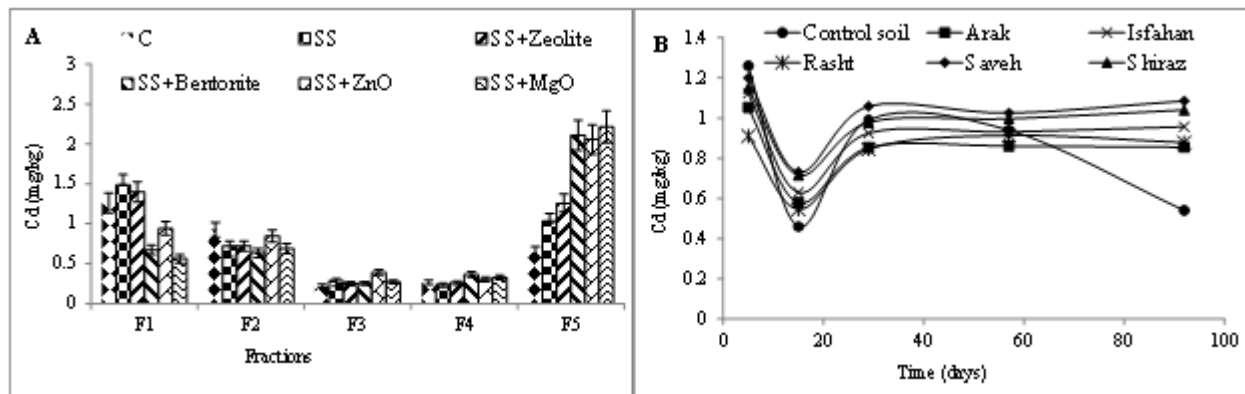
Nanoparticles and modified clays influenced distribution of heavy metals fractions in a light-textured soil amended with sewage sludge

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Graphical abstract



(A)The effect of modified clays and nanoparticles on Cd fractionation in the soil amended with Arak sewage sludge. **(B)** The changes in exchangeable fraction (F1) of Cd in the soil amended with different sewage sludge samples during incubation time. Letters C and SS indicate control soil and soil amended with sewage sludge

HIGHLIGHTS

- We evaluated the effect of some adsorbents on the fractionation of heavy metals in the soil amended with sewage sludge.
- The highest mobility factor during the incubation time was attributed to Cd.

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