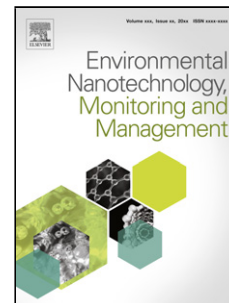


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**Bioaccumulation and translocation of heavy metals in mangrove rhizosphere sediments
to tissues of *A.marina* - A field study from tropical mangrove forest.**

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Research highlight:

- Seasonal assessment both essential and non-essential metal present in the mangrove plant from Muthupet Mangrove Ecosystem was evaluated.
- Through different statistical analysis the accumulation and translocation behaviour of this plant was studied.
- Compared to essential metal, non-essential metals are rapidly accumulated in the different parts of the plant from the environmental sources.
- Finally, this study provide a platform of metal transportation behaviour of the mangrove species *Avicennia marina*.

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