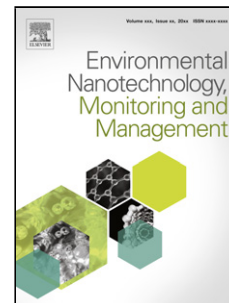


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Formation of Zinc oxide nanoparticles using alginate as a template for purification of waste water

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Graphical abstract



Highlights

- Zn Oxide nanoparticles were prepared and characterized using polymeric template based on Alginate.
- Using of alginate as the polymeric template has a significant effect on controlling shape structure of produced ZnO.
- These ZnO nanoparticles have evinced significant clearness ability toward methylene blue.

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