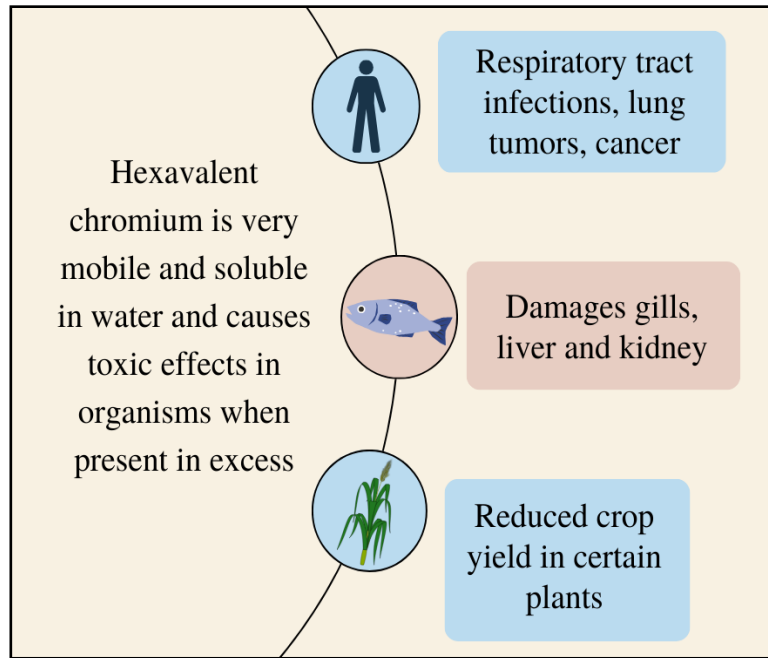


# REMEDIATION OF HEXAVALENT CHROMIUM-CONTAMINATED SITE

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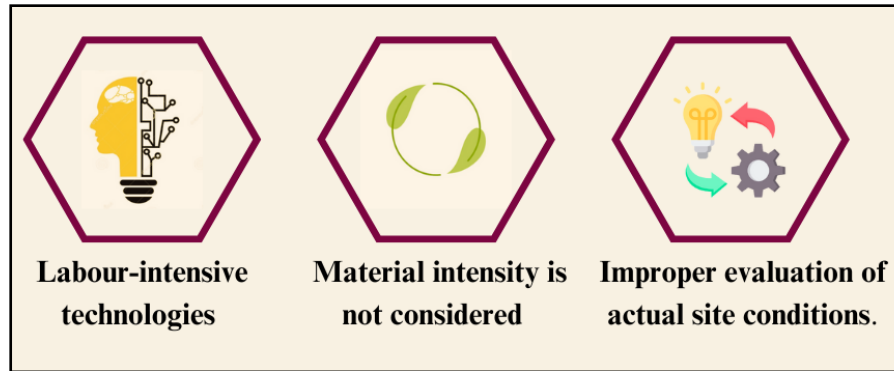
**Objective:** To focus on a sustainable remediation technique for hexavalent chromium-contaminated site using permeable reactive wells packed with biochar as an adsorbent and scrap iron filings as a reducing agent.



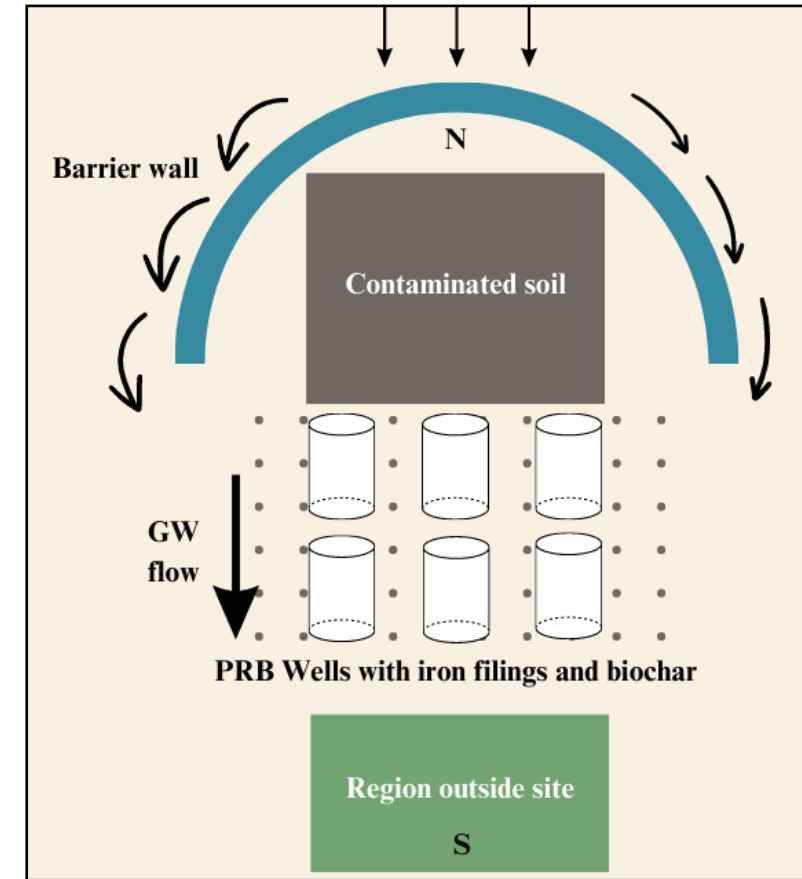
**Problems with hexavalent chromium**



**Contaminated Ranipet site**



**Drawbacks of current site remediation measures**



**Environmental, social and economic impact**



**Biochar and scrap iron filings**



**Comparing different methods of remediation**



**Methodology**

