

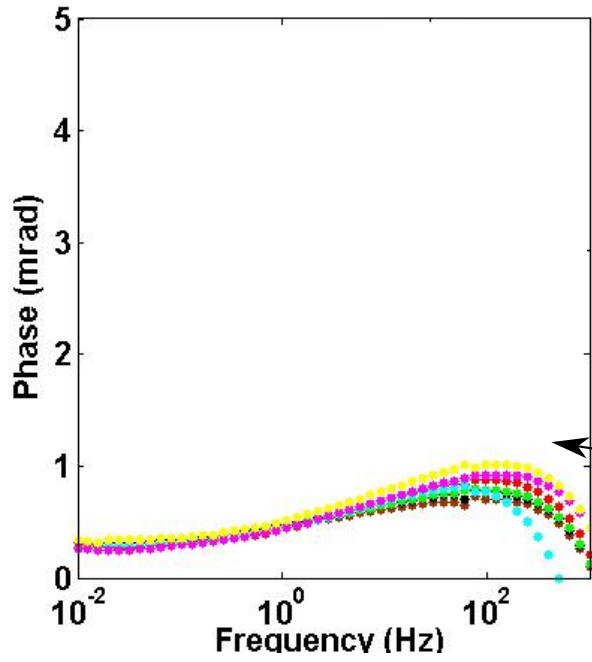
Using geo-electrical methods as a monitoring aid for Microbial Enhanced Oil Recovery

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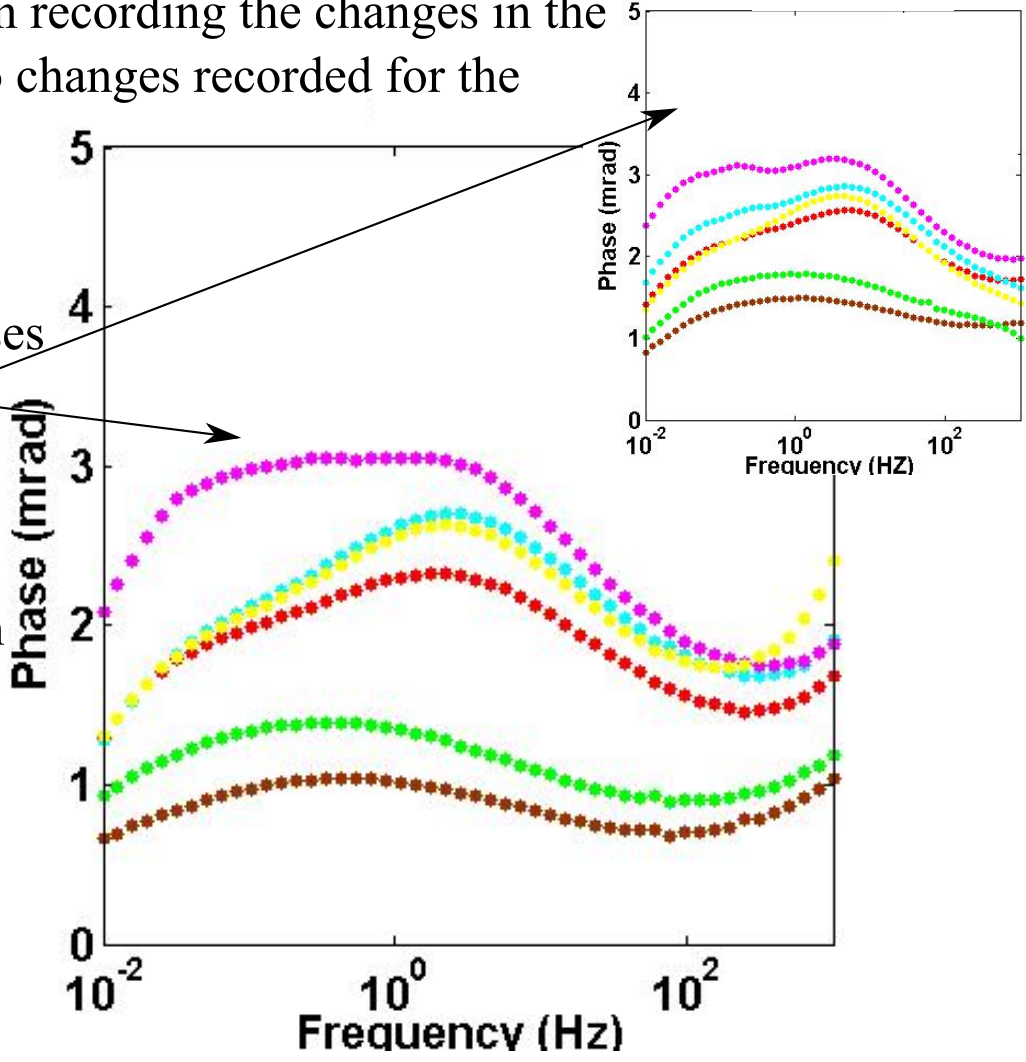
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We performed a laboratory experiment where we simulated microbial oil enhanced recovery (MEOR) processes. During the 6 month experiment we geophysically monitored the MEOR progress. The geophysical method of choice (spectral induced polarization - SIP) was very succesful in recording the changes in the 2 active columns; no changes recorded for the control column



CONTROL
Geophysical responses
ACTIVE



Moving forward with experiments to quantitatively link geophysical measurements with MEOR processes we believe this research could significantly impact tertiary oil recovery projects. The results are aslo applicable for remediation projects involving hydrocarbon contaminants