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Soil amendment of brownfields for plant growth by essential bacterial propagation on collagen substrate doped with corresponding impurities

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Abstract

To make soil safer from the impurities created by industrial manufacturing a need to understand revegetation acting as soil amendment and neutralization by bacterial biomechanistic cycling. By doping a gradient partition collagen substrate with the impurities of the brownfield soil we created we created a small scale duplicate which allowed us to evaluate the propagation of the nitrogen cycle bacterium to estimate the the pattern for plant growth which was extrapolated to large scale.

Biography

Cox has done self study of the chemistry for 14 years coupled with coursework from MIT and UIUC. He is the director of Green Science Research Foundation a Researcher at Green Science Corporation, committee member at the Royal Society of Chemistry (RSC) Educational Techniques Group. He has been published in many scientific mediums and a member of many RSC divisions and interest groups.