Investigating insecticides in water and sediment of Chile: do they sink or swim?

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Abstract

In an arid environment, such as Chile, pesticides predominately partition into sediment rather than water.

Methods

I. In an arid environment, such as Chile, pesticides predominately partition into sediment rather than water.
II. Pesticide concentrations in water and sediment differ when the terrain of the rivers are different.
III. The concentration of pesticides are greater downstream rather than upstream.

Future Directions

- A native species of fish must be found to test whether these chemicals, when present in their environment, affect them.
- The water and sediment must be tested during different seasons to see if pesticides are still present.
- There should be further research on contamination in the Choapa River than just the four sites we were limited to.

Acknowledgement

Support for this project was provided by the FUSE grant committee at the University of Nebraska Omaha, Department of Environmental, Agricultural and Occupational Health, University of Nebraska Medical Center, and the grant, Fondecyt 1110528. LGA was supported by Jonathan Ali and Nicolas Gouin with transportation in La Serena, Chile. Additional financial support was provided by the Office of the Dean of the College of Arts and Sciences at the University of Nebraska Omaha.

References