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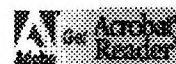


December 1, 2002

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Features

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Contaminant Amplification in the Environment (226 KB PDF)

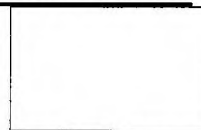
Why are some contaminant concentrations amplified to unusually high levels in certain environmental media and in certain locations? Robie Macdonald with Canada's Federal Department of Fisheries & Oceans and Don Mackay and Brendan Hickie from Trent University in Canada take a fresh look at the processes of bioconcentration, biomagnification, and bioaccumulation and explain these important phenomena through two fundamental processes.



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In Situ Treatment of Chromium-Contaminated Groundwater (286 KB PDF)

Traditionally, groundwater contaminated with chromium(VI) has been remediated by standard pump-and-treat methods. However, alternative technologies that could lower costs are now emerging. Jonathan Fruchter from Pacific Northwest National Laboratory reviews these new approaches and describes how they are being used.



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