

## Analysis of H<sub>2</sub>S distribution in anoxic sediment

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A monitoring method is proposed for the analysis of hydrogen sulfide in anoxic sediment formed at the bottom of lakes, rivers and estuaries.

This monitoring method is based on the use of lead containing vinyl tape. Lead in the vinyl tape reacts with hydrogen sulfide to form dark brown lead sulfide.

This reaction is sensitive and available for the qualitative and quantitative analysis of hydrogen sulfide, which is toxic to organisms.