

报告

森林流域中汞循环的干扰和影响

Disturbance and Impact on Mercury Cycling in Forested Watersheds

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讲者介绍 Biography

我曾在香港和美国接受过生态毒理学和生物地球化学培训。我在这个多学科领域有超过 20 年的研究经验。

I have been trained as an ecotoxicologist and biogeochemistry in Hong Kong and the United States. I had more than twenty years of research experience in this multidisciplinary area.

报告摘要 Abstract

汞是一种全球关注的有毒金属。汞可以在大气中长距离运输并沉积到森林覆盖的流域。森林是大气汞的主要沉积汇，对森林结构的任何干扰都可能改变汞循环。本次演讲将概述我最近在该领域的一些研究。

Mercury is a toxic metal of global concern. Mercury can be transported over long distances in the atmosphere and deposited onto forested watersheds. Forest is a major sink of atmospheric mercury, and any disturbance of the forest structures may alter mercury cycling. This talk will give an overview of a few of my recent research in this area.

有兴趣合作之项目 Interested topics for future collaboration

碳、硫和汞的生物地球化学循环；新发现的污染物；微生物与污染物的相互作用；化学污染物的生物修复；稳定同位素应用；生态系统生态学等。

Biogeochemical cycling of carbon, sulfur, and mercury; emerging pollutants; microbial interactions with pollutants; bioremediation of chemical pollutants; stable isotope applications; ecosystem ecology, etc.