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Long-term metal and arsenic mobility between wetlands and lakes: Variable histories within the same floodplain

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1 **Long-term metal and arsenic mobility between wetlands and lakes: variable**
2 **histories within the same floodplain**

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8 **Highlights**

- 9 • More than 900 sediment samples were collected from six similar wetland-lake systems and
10 analyzed for trace elements.
- 11 • Long-term studies demonstrate that wetlands do not necessarily permanently scavenge pollutants.
- 12 • Some peaks in element concentrations in core samples correspond to application of agricultural
13 chemicals.
- 14 • Results among the six wetland-lake systems were variable, documenting unique histories of
15 element mobility and sequestration in otherwise similar systems.

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