

## **Trace Element Composition of Suspended Matter in the Changjiang Estuary Mouth**

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### **Abstract**

Suspended matter from the mouth of the Changjiang estuary in the East China Sea was analyzed to obtain concentrations of 35 elements. In order to examine the possible input of anthropogenic heavy metals from the river, the X/Al ratios (the concentration of each element X as a fraction of Al concentration) in the suspended matter were derived. The main sources of the elements in the suspended matter were natural particles such as soil particles or plankton in the Changjiang estuary mouth.