**Mb-P002** Room: Poster Time: June 9 17:30-19:30

The chemical forms of arsenic in rocks and soils and the formation process of arsenic polluted groundwater

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The chemical forms and contents of arsenic in spring water, rocks and soils in the northern part of Osaka Prefecture were analyzed to estimate the mechanism of arsenic polluted groundwater.

In the rocks and soils, arsenic is fixed mainly in organic matters and sulfides, while arsenate is mostly dominant in groundwater.