REE pattern of aerosol collected in Tokorozawa city, Japan.

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In this study, REE (Rare Earth Elements) patterns of aerosol samples which were collected in Tokorozawa city, Japan are examined. La/Sm is traditionally used as an index of aerosols originated from oil burning (Hikoi et al., 2009). Recently, many products including parts made by REE spread. There is possibility that the other REEs can be new indices of human activities.

Keywords: aerosol, rare earth elements, lanthanoid