Diachronic dynamics of human-environment interactions

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Humans have attained their specific development by indigenous cultures and evolved through environmental adaptation. The session raises issues of human-environmental interactions, views from diverse changes of climate, ocean, land and biota having made striking influence on humans. It welcomes various fields from human-environment change and their chronometric dating among Quaternary disciplines.

A possibility of influence of deposition in dam-lake to deep marine environments around the Japanese Islands

3-min talk in an oral session
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It is well known that dams construction on river caused decrease in sediment supply and serious coastal erosion. While, taking into account similarity of grain size, deposition in dam-lake may also cause decrease in deep marine hemi-pelagic depositional rate. Mass accumulation rate (MAR) during ca. 100 years around the Japanese Islands were estimated with Pb-210 radioactivity concentration. Core samples were obtained with multiple corer (core length