

---

[JJ] Evening Poster | H (Human Geosciences) | H-QR Quaternary research

## [H-QR04]Quaternary, Diachronic dynamics of human-environment interactions

convener:Mamoru Koarai(Earth Science course, College of Science, Ibaraki University), Toshihiko Sugai(Department of Natural Environmental Studies, Institute of Environmental Studies, Graduate School of Frontier Science, The University of Tokyo), Kiyohide Mizuno(国立研究開発法人産業技術総合研究所地質情報研究部門, 共同), Minoru YONEDA(The University Museum, The University of Tokyo)

Sun. May 20, 2018 5:15 PM - 6:30 PM Poster Hall (International Exhibition Hall7, Makuhari Messe)

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.

---

## [HQR04-P10]Anthropogenic impacts on landscape forming in Miho no Matsubara (Miho Pine Grove), central Shizuoka, Japan

\*Kazuyoshi Yamada<sup>1</sup>, Daisuke Sugawara<sup>1</sup> (1.Museum of Natural and Environmental history, Shizuoka)

Keywords:human impact, landscape, world heritage, Miho Pine Grove

It was presented one scientific report to think about sustainable wiseuse ways both in preservation and utilization of the landscape of the scenic spot “Miho no Matsubara (Miho Pine Grove)”, central Shizuoka Prefecture. Geomorphological approaches as well as field works as environmental history in area of Hagoromo no Matsu were performed for clarifying historical changes of the cultural landscape centered on Miho no Matsubara. We examined from both aspect of natural reaction and anthropogenic impacts for forming cultural landscape of Miho no Matsubara. As results, the cultural landscape of Miho no Matsubara has been formed since at least 10<sup>th</sup> century (Heian Era) and maintained up to present even while repeating much and less influence of human impacts.