



MNGD

MAKING NETWORKS FOR GLOBAL DEVELOPMENT

Host and Organizer: SATREPS-JST MNGD Project

International Student Workshop

28TH OCTOBER, 2022

16:00-18:10 (JAPAN TIME) / 10:00-12:10 (ETHIOPIA TIME)

ONLINE(ZOOM)

Program

* 20 minutes presentation and 20 minutes discussion.

16:00 (JST) Opening Remarks
10:00 (EAT)

16:05-16:45 (JST) *Mechanical Properties of Soils Treated with Fine Shredded Paper (FSP) and Hydrated Lime*
10:05-10:45 (EAT) **Teshome Birhanu** (Kyoto University / Addis Ababa Science and Technology University)

16:45-17:25 (JST) *Rural Community Road Access and its Effects on Staple Crop Production: Special Reference with Ensete Production and Market Activities in Three Villages, South Ari Woreda, South Omo Zone Ethiopia*
10:45-11:25 (EAT) **Argachew Bochena Elisi** (Kyoto University / Jinka University)

17:25-18:05 (JST) *Road Construction History in The Highlands of South Ari Woreda, Southern Ethiopia: The Case of Shangama Woset Kebele*
11:25-12:05 (EAT) **Kassahun Yemane** (Kyoto University / Jinka University)

18:05 (JST) Closing Remarks
12:05 (EAT)

18:10 (JST) Close
12:10 (EAT)

Abstract

Mechanical Properties of Soils Treated with Fine Shredded Paper (FSP) and Hydrated Lime

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As urbanization and population increase, there is a shortage of land where construction is required to build over a weak and soft clay subsoil profile that has a low bearing capacity which may cause excessive settlement. To mitigate this problem, replacing the soft soil with selected material is one of the techniques used for several decades. However, as this approach is too expensive researchers come up with some stabilization methods using

different stabilizing agents like cement, lime, solid wastes, an agricultural byproduct, chemicals, fibers and so on.

