The 406th RISH Symposium and The 10th Flagship Symposium of Tropical Plant Biomass

The 4th SATREPS Conference

Mokushitsu Hall, Kyoto University
November 19–20, 2019

Day 1 (November 19)

Toshiaki Umezawa	Progress on the project of producing biomass energy and material through revegetation of alang-alang (*Imperata cylindrica*) field
Hendrian	Progress of the project for biomass energy and material production through revegetation of alang alang (*Imperata cyliindrica*) field
Bambang Subiyanto	Overview research and development of sorghum and its application
Dede Hermawan	Wood pellet as renewable energy based on community forest: case study in East Java
Hiroyoshi Iwata	Accelerate plant breeding through modeling of genome-phenotype relationships
Tsuyoshi Yoshimura	Termite diversity and tropical Acacia plantation forests
Yusuke Shinozaki	JICA's efforts toward strengthened collaboration among industry, government, and academia
Keisuke Kosaka	SATREPS and other international collaborations of JST

Day 2 (November 20)

I Made Sudiana	*Mycorrhiza* infection and its potential to increase drought tolerance of *Sorghum bicolor* L.
Reni Lestari	Revegetation of degraded grassland with sorghum plants by applying inorganic and organic fertilizer: case studies in Cibinong and Katingan of Indonesia
Masaru Kobayashi	Development of techniques useful for sustainable production of *sorghum* in marginal lands
Rie Takada	Effects of land use change on soil microbial community structure
Reza Ramdan Rivai	Interaction between nitrogen and silicon in sorghum and their effects on lignin content and composition
Satya Nugroho	Studies and breeding of Indonesian rice and sorghum cultivars with high lignin contents
Takuji Miyamoto	Lignin enrichment in grass biomass by molecular breeding
Masaomi Yamamura	Establishment of NIR prediction system for rapid screening characteristics of Sorghum lignocelluloses
Yuri Takeda	Impacts of altered lignin aromatic composition on chemical reactivity and utilization properties of grass biomass
Subyakto	Particleboards properties of Sorghum bagasse combined with Alang-alang leaves or Sengon wood using citric acid
Kenji Umemura	Utilization of Sorghum bagasse for various wood-based materials
Lisman Suryanegara	Social implementation of biopellet for small medium enterprise
Edi Iswanto Wiloso	Production and utilization of Sorghum biopellet in Flores, Indonesia: An LCA study to estimate the potential reduction of a global warming impact
Firman Tri Ajie	Techonology analysis on biopellet biomass based: case study Sorghum biomass

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