

The 2nd SATREPS Conference and The 3rd Sustainable Development Seminar

Science and Technology Research Partnership for Sustainable Development Program (SATREPS)

Producing Biomass Energy and Material through Revegetation of
Alang-alang (*Imperata cylindrica*) Fields

The 358th RISH Symposium

The 8th Flagship Symposium of Tropical Plant Biomass

November 16-17, 2017

Mokushitsu Hall

Research Institute for Sustainable Humanosphere Kyoto University
Gokasho, Uji, Kyoto 611-0011, Japan

<http://www.rish.kyoto-u.ac.jp/access.html>

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The 3rd Sustainable Development Seminar (第3回地球規模課題セミナー)

November 16 (Thr) (9:00-11:50)

- 三谷 知 (JICA) プロジェクト現場を通して見たインドネシア
安藤 和雄 (CSEAS, 京都大学) バングラデシュにおけるアメリカ農業・農村開発技術協力から学ぶこと；大学の実践教育研究の可能性
神崎 護 (GOA, 京都大学) 東南アジアの森林の30年：森林消失と再生

The 2nd SATREPS Conference

November 16 (Thr) (14:00-17:00)

- Toshiaki Umezawa Overview
Didik Widyamoko Overview
Edi Wiloso Life Cycle Assessment of Bio-Based Products from The Revegetation of Alang-Alang Fields
Minami Matsui Transcriptome Analysis of *Sorghum bicolor* During Seed Maturation and Establishment of Sorghum Transformation Procedure
Tomoko Taira JICA Projects in Collaboration with LIPI
Atsushi Tsutsumi Green Energy Innovation for Sustainable Society

November 17 (Fri) (10:00-17:00)

- I Made Sudiana The Role of Soil Microorganism on Mediating Nutrient Absorption and Growth Promotion of *Sorghum bicolor*
Reni Lestari Revegetation of Marginal Grassland with Sorghum Plants: Case Studies in Cibinong and Katingan of Indonesia
Masaru Kobayashi Development of Local Rice and Sorghum Cultivars with High Lignin Content
Takuji Miyamoto Molecular Breeding of Gramineous Crops Producing High-Calorific Biomass
Subyakto Comparison of Alang-alang Grass Particleboards Properties Glued with Natural and Synthetic Adhesives
Sasa Sofyan Munawar Techno-economic Analysis and Commercialization Feasibility of Sorghum Waste Particle Board Product
Kenji Umemura Effects of Manufacturing Conditions on Physical Properties of Sorghum Bagasse Particleboard Bonded with Citric Acid