

1<sup>st</sup> Colloquium, SATREPS-Peru Project on

# Establishment of an Alert System for *Fusarium oxysporum* f. sp. *cubense*, the Banana and Plantain Wilt Pathogen, and Biological Mitigation Strategy of the Disease

Date: Monday October 28, 2024, 12:00–17:00 (Japan Standard Time)

Venue: Multi Purpose Rm, 1<sup>st</sup> Floor, 2<sup>nd</sup> Buid, Fuchu-Campus, Tokyo University of Agriculture and Technology (TUAT)  
3-5-8 Saiwaicho, Fuchu 335-0026, Tokyo, Japan

URL: [https://www.tuat.ac.jp/outline/overview/access/fuchu/campus\\_map/](https://www.tuat.ac.jp/outline/overview/access/fuchu/campus_map/)

Zoom meeting: <https://tuat-jp.zoom.us/j/82734368162?pwd=RS92TXRyeFRwK1U2Y056Wi90bTRMQT09>



## AGENDA

### Greetings (12:00-12:15)

**ARIE, Tsutomu** (TUAT) & **ARAGON, Liliana** (UNALM)

### Progress report on each topic of the SATREPS-Peru project (12:15–14:30)

**CHIA, Julio** (UNAS), **RIVAS, Victorino** (UNAS), **KASHIWA, Takeshi** (JIRCAS):

#1 Diagnostic and alert systems for banana/plantain wilt disease

**SASAKI, Nobumitsu** (TUAT), **SUZUKI, Sakae** (TUAT), **TAKAHASHI, Sakura** (TUAT):

#2 Development of FW-resistant banana/plantain lines by mutagenesis

**CABEZAS, Oscar** (UNAS), **NOMURA, Yoshihiro** (TUAT):

#3 Establishment of systems to produce and distribute pathogen-free seedlings

**PALOMO, Alfonso** (UNALM), **KODAMA, Motoichiro** (Tottori U):

#4 Elucidation of effective microbial ecosystem (microbiota) that constitutes FW-disease suppressive soils

**ARAGON, Liliana** (UNALM), **ARIE, Tsutomu** (TUAT):

#5 Development of environmental-safe biological control using microorganisms or microbial ecosystems, etc. are developed.

### Special lectures (14:45–16:30)

**Prof WATANABE, Kyoko** (Tamagawa Univ.; SATREPS-Philippine Project): SATREPS-Philippines Project: Towards the control of major banana and cocoa diseases

**Prof ABE, Tomoko** (RIKEN) :Development of ion-beam breeding technology over the last two decades

**Peru**

Universidad Nacional Agraria La Molina (UNALM)  
Instituto Nacional de Innovacion Agraria (INIA)  
Universidad Nacional Agraria de la Selva (UNAS)

**Japan**

Tokyo University of Agriculture and Technology (TUAT)  
Tottori University  
Japan International Research Center for Agricultural Sciences (JIRCAS)

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