

SAGO 2023 TOKYO

PROGRAM

Registration 9:00 – 10:00

Opening Remark 10:00 – 10:05

Hiroshi Ehara

(Chair of the 14th International Sago Symposium)

Guest Speech 10:05 – 10:15

Representatives from Advisory Committee

Keynote Speeches 10:15 – 11:15

Hiroshi Ehara

(Nagoya University, Japan)

Hengky Novarianto

(Indonesia National Agency for Research and Innovation, Indonesia)

Plenary Session 11:15 – 12:15

Margaret Chan Kit YOK

(Universiti Teknologi MARA, Malaysia)

Takashi MISHIMA

(Mie University, Japan)

Keith GALGAL

(FAO PNG, Papua New Guinea)

Lunch Break 12:15 – 13:00

Business Meeting 12:20 – 12:50

Oral Session 1 13:00 - 14:30 (Room 1 / Online)

Oral Session 2 13:00 - 14:30 (Room 2 / Online)

Oral Session 3 13:00 - 14:15 (Room 3 / Online)

Coffee Break

Poster Session 1 14:30 - 15:15 (Room 2)

Poster Session 2 14:30 - 15:15 (Room 3)

Oral Session 4 15:15 - 16:30 (Room 1 / Online)

Oral Session 5 15:30 - 16:45 (Room 2 / Online)

Oral Session 6 15:30 - 16:30 (Room 3 / Online) **【AAACU Session】**

The Asian Association of Agricultural Colleges and Universities (AAACU) that is a network of agricultural colleges and universities in Asia established in 1972 with the main mission of improving human welfare

through agriculture, education, research, and extension will be co-organizing a session in SAGO 2023 with invited speakers coming from AAACU member institutions.

Closing Ceremony 16:45 – 17:00 (Room 1)

Reception Party 17:00 – 18:30 (Reception Room)

Keynote Speeches 10:10 - 11:15 (1st Room / Online) Chair: Y. Nishimura (Nagoya Univ.)

Hiroshi Ehara

Recent Achievements toward SDGs through Collaborative Activities between Sago-producing Countries and User Countries

Hengky Novianto

Sago Development and Use Policy as Local Food Diversification for Food Security

Plenary Session 11:15 - 12:15 (1st Room / Online) Chair: Y. Yamamoto (Kochi Univ.)

Margaret Kit Yok Chan

Should a Certification Scheme be in Place towards a More Efficient, Sustainable, and Resilient Sago Industry?

Takashi Mishima

Quality of Sago Starch for Worldwide Promotion

Keith Kulakit Galgal

Potential to Up-scale Sago Production to Combat Food Insecurity and Climate Change on Manus Island of Papua New Guinea

Oral Session 1 13:00 - 14:30 (1st Room / Online) Chair: K. Toyota (UTAT)

K. Osozawa (Ehime Univ.)

Yoshinori Yamamoto

Comparison of Growth Characteristics and Yield Potential of Starch-accumulating Palms

Mochamad Hasjim Bintoro Djoefrie et al.

Sago Production Potential in Several Regions in Indonesia

Yoshihiko Nishimura

Regional Characteristics and Transformation of Sago Palm Utilization in Traditional Rural Areas—From the cases of the three regions: West Papua, Indonesia, Southeast Sulawesi, Indonesia, Northwest Mindanao, Philippines

Saki Ehara

Variation in the Consumer Prices of Sago Starch and Other Starch in Jakarta, Indonesia

Yukio Toyoda et al.

Possibility of Up-Scaling Sago Production in Sepik Area, Papua New Guinea

Hafidawati et al.

Potential Study of Sago Dregs Waste as Renewable Energy: Quality and Economic Value of Sago Dregs Briquette Production

Oral Session 2 13:00 - 14:30 (2nd Room / Online) Chair: T. Mishima (Mie Univ.)

O. Theosilvisut (Thammasat Univ.)

Endang Yuli Purwani et al.

Impact of Ultrasonication Treatment on Resistant Starch (RS) Content and Characteristics of Sago Starch

Budi Santoso et al.

Maltodextrin from Sago Starch at Different Hydrolysis Times

Ansharullah Ansharullah et al.

Formulation of Sago Based Biscuit: Incorporation of Sea Cucumber (*Holothuria scabra*) Powder to Improve its Sensory and Nutritional Properties

Rahmah Zikra Utami et al.

Diversity of Medicinal Plants in the Sago area of Siberut National Park, West Sumatra

Dwi Ahrisa Putri et al.

Analysis of Sago (*Metroxylon sagu* Rottb.) Supply Chain in West Sulawesi, Indonesia

Darma et al.

Small Scale Mechanical Processing of Sago in District Momi Waren, Manokwari Regency, West Papua Province

Oral Session 3 13:00 - 14:15 (3rd Room / Online) Chair: B. Abbas (Univ. Papua)
A. Watanabe (Nagoya Univ.)

Mardiani Dwi Agustin et al.

Genetic Diversity of Sago (*Metroxylon* spp.) in Lingga District, Kepulauan Riau

Ariel Nur Alifan Firmansyah et al.

Genetic Relationship of Sago (*Metroxylon* spp.) in West Siberut and North Siberut, Mentawai Islands Regency, West Sumatra

Naasih El Ibaad Abhal et al.

Genetic Relationship of Sago (*Metroxylon* spp.) Based on RAPD Analysis: A Case of Mamuju District, West Sulawesi Province, Indonesia

Melika Jehan et al.

Sago (*Metroxylon sagu* Rottb.) Agroforestry Based on Morphological Characters, Physical Environment and Productivity in Siberut National Park, Indonesia

Malimas Jariyapong et al.

Soil Carbon Stock Comparison of Sago Palm Plantation and Monoculture Crop Around Converted Wetland in Southern Thailand

Oral Session 4 15:15 - 16:30 (1st Room / Online) Chair: H. Naito (KUSA)
M.A. Trisia (Girona Univ.)

Rampisela D.A. et al.

Knowledge Co-Production Practices in Nurturing Local Innovators for Promoting Conservation and Use of Sago Palm (*Metroxylon sagu*) and its Product

Mochamad Suwarno et al.

Development of Sustainable Sago Plantation on Peatland Towards Commercial Level

Primadhika Al Manar et al.

Ethnobotany of Sago in the Malay Community in Lingga Regency, Riau Islands, Indonesia

Ridho Afriansyah et al.

Ethnobotany of Sago (*Metroxylon sagu* Rottb.) in Mentawai Community, Siberut National Park, Mentawai Islands District, Indonesia

Dwi Ratna Sari et al.

Agronomic Prospects for New Sago Palm Cultivation by Farmers: Time to Harvest and Associated Cultivation Management

Oral Session 5 15:30 - 16:45 (2nd Room / Online) Chair: A. Miyazaki (Kochi Univ.)
K. Asano (Nagoya Univ.)

Agus Triputranto et al.

Improve the Process Flow by Utilizing Wet Sago Biomass to Increase the Productivity and Economics of Sago Processing in Meranti, Riau

M.N. Ahmad and K.B. Bujang

The Potential of Sago Frond as Large-Scale Animal Feed

Yulius Barra' Pasolon et al.

Utilization of Palm Oil By-products for Sustainable Crop Production in Marginal Land

Suriya Chankaew et al.

Utilization of Sago Palm Rachis to Woven Local Fishing Gear at Nakhon Si Thammarat Province, Thailand

Seprianto Palitak et al.

The Effect of Palm Oil Organo-Waste and NPK Fertilizers on Growth of Manno Sago Seed

Oral Session 6 (AAACU Session) 15:30 - 16:30 (3rd Room / Online)

Chair: T. Uchiyama (Tokyo Univ. Agr.)
S. Binongo-Lina (VSU)

Benito Heru Purwanto

Further Direction of Sago Palm Studies from Soil Science Point of View

Koki Asano et al.

Nitrogen-Fixing Bacterial Community in Sago Palm Roots in Different Soil Environments of East Malaysia and South Thailand

Destieka Ahyuni et al.

Characteristics of Sago Palm Suckers as Planting Material and Their Subsequent Growth in Deep Peat Soil

Kietsuda Luengwilai et al.

Climatic Factors Affecting Palm Yield and Yield Prediction: A Case Study of Aromatic Coconut

Poster Session 1 14:30 - 15:15 (2nd Room)

Chair: S. Ehara (JAC)

Tomoko Kondo et al.

Comparative Study on the Properties of Various Commercial Sago Starches and Examination of Gluten-Free Pasta Using Sago Starch

Kazuko Hirao et al.

Application of Sago Starch in Karukan (Japanese Rice Flour Steamed Cake) Spheroid Echinat Symmetric Phytolith Assemblage in Sago Palm (*Metroxylon sagu* Rottb.)

Fidrianto, B.E et al.

The Possibility of Sago Starch as a Healthy Food

Poster Session 2 14:30 - 15:15 (3rd Room)

Chair: M. Ohmi (TUAT)

Masanori Okazaki et al.

Spheroid Echinat Symmetric Phytolith Assemblage in Sago Palm (*Metroxylon sagu* Rottb.) Leaflet

Yasunobu Tokuda et al.

Antioxidant Polyphenols in Sago Starch Affected by Wet and Dry Extraction Processing

Yasunobu Tokuda et al.

Sago Starch as an Innovative Fermentation Aid for Tempeh Fungi (*Rhizopus oligosporus*)

Mitsuhisa Baba et al.

Sensory Evaluation of Cookies Made from Sago (*Metroxylon sagu*) and its Mixture with Taro (*Colocasia esculenta*) Starch