Book of Abstract

The 5th International Conference on Agro-Industry
“Agroindustry 4.0: Digital Transformation in Agro-Food Value Chains”
& Annual Seminar of APTA

Endorsed by

Hosted by
Department of Agro-industrial Technology, Universitas Gadjah Mada
Department of Agro-industrial Technology, Universitas Udayana

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INVITED SPEAKER PROFILE

**Speaker 1 – Prof. Jay Rajasekera**

INTERNATIONAL UNIVERSITY OF JAPAN

EXPERIENCE:
- Associate Dean of Graduate School of International Management (1995 – 1996)
- Dean of Graduate School of International Management (2000 – 2004)

RESEARCH INTERESTS:
- National IT Policies, IT for Development, e-Government
- Corporate IT Strategies and Strategy Maps
- Optimization Modeling in Energy, Environment, Finance, and Manufacturing
- VBA and Macro Modeling for Finance, Marketing, and Product Development Applications (Cash Flow, Risk, Options)
- BIG DATA modeling, Strategic use of Databases including Environmental Management Databases

**Speaker 2 – Prof. I Ketut Satriawan**

FACULTY OF AGRICULTURAL TECHNOLOGY, UDAYANA UNIVERSITY

EDUCATION:
- M.T Bogor Agricultural Institute
- Dr. Bogor Agricultural Institute

EXPERTISE:
- Productivity analysis
- Engineering Economic Analysis
- Production Planning and Inventory Control

**Speaker 3 – Prof Hiroki Oue**

SCIENCE AND TECHNOLOGY FOR BIOLOGICAL RESOURCES AND ENVIRONMENT, EHIME UNIVERSITY

EDUCATION:
- 1989  Kyoto University Graduate School, Division of Agriculture
- 1987  Kyoto University Graduate School, Division of Agriculture
- 1985  Kyoto University Faculty of Agriculture

RESEARCH AREAS
- Earth and planetary science,
- Meteorology/Physical
- Oceanography/Hydrology

RESEARCH INTEREST
- Micrometeorology, Hydrology, Irrigation, and drainage, Oceanography and Hydrology
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MCI-001-ID028
The Wholeness of "Loloh Cemcem" Production System in Tohpati Village, Banjarangkan, Klungkung, Bali

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Abstract: "Loloh cemcem" is a traditional beverage (herbal medicine) of Balinese society and is believed to be efficacious for health. The upstream to downstream system of production is a must in order to provide benefits to "cemcem" (Spondias pinapata L.f. Kursz) farmers and value-added of household industries "loloh cemcem". The aims of the study to wholeness the production system "loloh cemcem" so that productivity is better, sustainable and become an independent business. This activity involves two business partners, namely Usaha Mandiri "A3 Sukarta Satria" and Farmer group of "cemcem". Both partners are located in Tohpati Village, Banjarangkan District, Klungkung Regency, Province of Bali. Activities are conducted by providing solutions in production, management, and organizational problems. The results of program activities are: (1) Increased process quality and hygienic level of the product so that the shelf life is increased up to 48 hours (2) The product has packaging and the labeling requirements, (3) A clean and hygienic of production place, (4) Marketing of "loloh cemcem" products more optimal with the increase of daily income (5) Farmer empowerment and increased production of "cemcem" leaves.

Keywords: wholeness, production system, "loloh cemcem", hygienic, "cemcem" farmer
CERTIFICATE OF APPRECIATION

AS A SPEAKER

ICoA

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