

21 September 2021

Local Western Indonesia Time (GMT+7)

ROOM-3 SANTANU (Invited Speaker: Dr. Acep Purqon)

Chairs: Jezzel Rabe, Kharisma Aprilina, Arif Wicaksono

Total: 1 invited talk + 24 articles

Time	Authors	Title	ID
08:30 – 08:35	Moderator		
08:35 – 08:45	Budi Harsanto	The Intersection of Environmental Science and Social Science in the Sustainability Innovation	R3-001
08:45 – 08:55	Nurul Amri Komarudin, Hariyadi and Tania June	Implementation of Environmental Policy on Oil Palm Plantations Related to ISPO in Eastern Part of South Sumatra Province	R3-002
08:55 – 09:05	Bangun I.R. Harsritanto, Dany Perwita Sari and Jeanny Laurens Pinassang	Microclimate and Its Impact on Hotel Building Energy Saving Performance in the Tropical Coastal City	R3-003
09:05 – 09:15	Discussion		
09:15 – 09:25	Erti Nurfindarti and Nugrahana Fitria Ruhyana	Determination of Stunting Priority Locations and Regional-Based Stunting Management Strategies in Serang City	R3-004

09:25 – 09:35	Dahyunir Dahlan, Muhammad Frassetia Lubis and Dwi Puryanti	Electrodeposition of Cu Layer with Mangrove Bark Extract Additive as an Inhibitor for the Application of Anti-Corrosion Coating	R3-005
09:35 – 09:45	Fahriya Puspita Sari, Fitria Fitria, Sita Heris Anita, Maulida Oktaviani and Widya Fatriasari	Sugar Production of Autoclave-Pretreated Oil Palm Empty Fruit Bunches (<i>Elaeis guineensis</i> Jacq.) by Different Acids	R3-006
09:45 – 09:55	Kharisma Aprilina, Ardhasena Sopaheluwakan, Armi Susandi, Hastuadi Harsa, Utoyo Ajie Linarka and Rian Anggraeni	The Relationship between Climate Variables and Rice Productivity from the Aquacrop Simulation in the Clustering Area from the Results of the K-Means Method in Java Island, Indonesia	R3-007
09:55 – 10:05	Discussion		
10:05 – 10:10	Moderator (conclusion)		
10:10 – 10:20	Break		
10:20 – 10:40	Acep Purqon (Invited Talk)	Precision Heat Monitoring in Agriculture using Fuzzy Logic Model	
10:40 – 10:50	Siska Rasiska, Pampang Parikesit and Iwan Setiawan	The Impact of Climate Change on Effectivity of Biocontrol in The Arabica Coffee Landscape	R3-008

10:50 – 11:00	Muhammad Hanif, Rizki Atthoriq Hidayat, Giant Amor and Luhur Moekti Prayogo	Zone of Biodiversity Extinction in Tropical Marine Ecosystems in Sumatra Island Using Climate Change Scenarios	R3-009
11:00 – 11:10	Desy Sulistiyorini	Biomonitoring of Polycyclic Aromatic Hydrocarbons in the Ambient Air Using Plants: A Review	R3-010
11:10 – 11:20	Discussion		
11:20 – 11:30	Hikmahwati, Muhammad Rifqy Aulia, Harli A Karim, Nur Ilmi and Agus Riandi	Description of Macroscopic and Microscopic Alternaria porri on Shallots (Allium ascolonicum L) in Enrekang Regency	R3-011
11:30 – 11:40	Nourma Al Viandari, Anicentus Wihardjaka, Heru Bagus Pulunggono and Suwardi	Increasing Rice Yield by Soil Tillage System and Water Management	R3-012
11:40 – 11:50	Wisnu Arya Gemilang, Ulung Jantama Wisha and Hendra Bakti	Water Quality Assessment for Submarine Groundwater Discharge (SGD) Pollution in the Coastal Area of Krakas Beach, North Lombok, Indonesia	R3-013
11:50 – 12:00	Discussion		
12:00 – 12:05	Moderator (conclusion)		
12:05 – 13:00	Break		

13:00 – 13:10	Nunung Nugroho	Spatial Distribution of Nutrient Export from the Catchment Area of Lake Rawapening	R3-014
13:10 – 13:20	Muhamad Iqbal, Aldo Novaznursyah Costrada and Harmadi	Prototype of Flood Monitoring System Based on River Turbidity Using Optical Fiber Sensor and Raspberry Pi 3 B+	R3-015
13:20 – 13:30	Arif Wicaksono	Public Urban Park Quality Assessment using Fuzzy C Means Classification of Land Surface Temperature and Social Indicators	R3-016
13:30 – 13:40	Discussion		
13:40 – 13:50	Riki Purnama Putra, Roprop Latiefatul Millah and Shidiq Andhika	ETA Concept Program for Reducing Green House Effect in Indonesia Industrial Scale with IoT Integrated	R3-017
13:50 – 14:00	Kirana Sasmitaloka, Mulyorini Rahayuningsih and Titi Sunarti	Utilization of Agroindustrial by Product for Bioinsecticide Production	R3-018
14:00 – 14:10	Andi Tenri Nurwahidah, Septiana Indratmoko, Nida Churin Aini and Akhmad Berryl Widyartha	Characterization of Novel Multi-Pulpose Oil Extracted from Asiatic Softshell Turtle and Its Palm Oil Alduteration Analysis Employing Fourier Transform Infrared (FTIR) Spectroscopy	R3-019
14:10 – 14:20	Jezzel Rabe, Katherine Caga-Anan, Fretchie Nebre, Rhona	Moringa Oleifera as a Feed Ingredient in Broiler Diets	R3-020

	May Gerondio and Karyn Chrislene Vitor		
14:20 – 14:30	Discussion		
14:30 – 14:35	Moderator (conclusion)		
14:35 – 14:45	Break		
14:45 – 14:55	Dewi Syahidah, Jennifer Elliman and Leigh Owens	PCR Column Contamination Gave False Positive Result for Cherax Quadricarinatus Densovirus (CqDV) in Sf 9 Cell Cultures	R3-021
14:55 – 15:05	Enung Nurhotimah	Fighting COVID 19 Using Herbal Medicine According to Local Plant Diversity	R3-022
15:05 – 15:15	Discussion		
15:15 – 15:25	Desty Aulia Putrantri, Suskandini Ratih Dirmawati, Agus Karyanto, Darwin Pangaribuan and Ainin Niswati	Resistance Induction of Sweet Corn to Helminthosporium turcicum Using Biochar Application	R3-023
15:25 – 15:35	Agusriandi Agusriandi and Hikmahwati	The Sustainable Digital- Farming Framework Using an Interdisciplinary Approach	R3-024
15:35 – 15:45	Discussion		
15:45 – 15:50	Moderator (conclusion)		