

CONFERENCE PROGRAM

International Seminar on System Dynamics (ISYSDYN)

VIRTUAL CONFERENCE - March 30-31, 2021

Day 1: Tuesday | March 30, 2021

| Time (UTC+7) | Dur' | Activity |
|---------------|------|--|
| 07.50 - 08.00 | 10' | Participant Login and Join Virtual Conference by ZOOM |
| 08.00 - 08.10 | 10' | Welcome Address and Conference Publication Announcement |
| 08.10 - 08.20 | 10' | Welcome Remarks and Introduction of ISYSDYN Dr. Irman Firmansyah, M.Si. Conference chair of ISYSDYN; Chairman of System Dynamics Center; IPB University |
| 08.20 - 08.30 | 10' | Opening Speech Prof. Dr. Ir. H. Rokhmin Dahuri, MS. CCMRS - IPB University; Advisory Board of ASDI |
| 08.30 - 08.40 | 10' | Opening Speech Ir. Medrilzam, M.Prof.Econ, Ph.D Director for the Environment - BAPPENAS |

| Time (UTC+7) | Dur' | Activity |
|---------------------|-------------|---|
| 08.40 - 08.50 | 10' | Global Research Ecosystem Introduction Dr. Hendrati Dwi Mulyaningsih Co-Conference chair of ISYSDYN; Founder & Chairman of Research Synergy Foundation |
| 08.50 - 09.00 | 10' | Group Photo Session |
| 09.00 - 09.40 | 40' | Keynote Speaker Dr. Seyed Hossein Hosseini Model-Based Management Systems Institute (SAMAM) |
| 09.40 - 10.20 | 40' | Keynote Speaker Dr. Antuela Anthi Tako Loughborough University, UK |
| 10.20 - 10.30 | 10' | Preparation for Online Presentation Session and short break |
| 10.30 - 10.35 | 5' | Online Presentation Session and Session Chair Introduction Associate Professor Dr. Teck Chai Lau University of Southampton, Malaysia, UK |
| 10.35 - 12.50 | 135' | Online Presentation Session |
| 12.50 - 13.00 | 10' | Testimonial and Post-conference information announcement |
| 13.00 - 13.05 | 5' | Preparation for Closing Ceremony after online Presentation Session |

| Time (UTC+7) | Dur' | Activity |
|---------------|------|--|
| 13.05 - 13.15 | 10' | Award Ceremony: Best Paper Best Presentation |
| 13.15 - 13.20 | 5' | Closing Speech Dr. Regina Deti, SE., M.M Head of Research, Development and Publication of ASDI; Parahyangan Catholic University |

Tuesday, 30 March 2021

Session Time : 11.15 – 13.30

Session Chair : Associate Professor Dr. Teck Chai Lau

Track Social Science

| Paper ID | Presenter | Media | Paper Title |
|----------|-------------------------------|----------------------|--|
| DYN21102 | Fajar Dwi Alfian | Virtual Presentation | Modeling The Sustainable Development Of Indonesia Hajj With System Dynamics |
| DYN21106 | Fauzan Ahmad | Virtual Presentation | Understanding Covid-19 Situation In Indonesia Using System Approach |
| DYN21107 | Arzyana Sunkar | Virtual Presentation | An In-depth Analysis Of Indonesia Illegal Wildlife Trade Mechanism |
| DYN21110 | I Wayan Budiasa | Virtual Presentation | Sustainable Ecotourism Management Model In Batur Unesco Global Geopark Area |
| DYN21111 | Widhianthini - Widhiantini | Virtual Presentation | Effectiveness Of Local Institutions In Bali In Control Of Conversion Of Paddy Fields |
| DYN21115 | Retno Widiastuti | Virtual Presentation | Strategy For The Development Of Vaname Shrimp Cultivation In The District. Pinrang, South Sulawesi Regency |

Track Economic Development

| Paper ID | Presenter | Media | Paper Title |
|----------|----------------------------|----------------------|---|
| DYN21105 | Ravi Prananda Rinaldy | Virtual Presentation | Dynamic System Modelling To Improve Total Container Traffic: Case Study Of Jakarta International Container Terminal (jict), Port Of Tanjung Priok |
| DYN21113 | Chaterina Agusta Paulus | Virtual Presentation | Tuna Processing Model At Household Scale Industry In The Coastal Border Area Of Indonesia-timor Leste |
| DYN21122 | Bagus Sumargo | Virtual Presentation | System Dynamics For Macro Modeling Of Poverty Based On Simultaneous Equation Model |

CONFERENCE PROGRAM

International Seminar on System Dynamics (ISYSDYN)

VIRTUAL CONFERENCE - March 30-31, 2021

Day 2: Wednesday | March 31, 2021

| Time (UTC+7) | Dur' | Activity |
|---------------|------|---|
| 07.50 - 08.00 | 10' | Participant Login and Join Virtual Conference by ZOOM |
| 08.00 - 08.10 | 10' | Welcome Address and Conference Publication Announcement |
| 08.10 - 08.20 | 10' | Welcome Remarks and Introduction of ISYSDYN Dr. Chaterina Agusta Paulus, M.Si Nusa Cendana University; General Secretary of ASDI |
| 08.20 - 09.00 | 40' | Keynote Speaker Dr. Ir Hartrisari Hardjomidjodjo, DEA Biotrop, IPB University, Indonesia |
| 09.00 - 09.40 | 40' | Keynote Speaker Dr. John P. Ansah National University of Singapore |
| 09.40 - 09.45 | 5' | Group Photo Session |
| 09.45 - 09.55 | 10' | Preparation for Online Presentation Session and short break |

| Time (UTC+7) | Dur' | Activity |
|---------------------|-------------|--|
| 09.55 - 10.00 | 5' | Online Presentation Session and Session Chair Introduction Dr. Lim Xin Jean Xiamen University, Malaysia |
| 10.00 - 12.30 | 150' | Online Presentation Session |
| 12.30 - 12.40 | 10' | Testimonial and Post-conference information announcement |
| 12.40 - 12.45 | 5' | Preparation for Closing Ceremony after online Presentation Session |
| 12.45 - 12.55 | 10' | Award Ceremony: Best Paper Best Presentation |
| 12.55 - 13.00 | 5' | Closing Speech Dr. Casnan, M.Si STKIPM Kuningan; Deputy Chair of Organizations and Institutions of ASDI |

Wednesday, 31 March 2021
Session Time : 11.05 – 13.35
Session Chair : Dr. Lim Xin Jean

Track Animal Husbandry (Animal Science)

| Paper ID | Presenter | Media | Paper Title |
|----------|---------------------|----------------------|--|
| DYN21108 | Indra Wahyu Pratama | Virtual Presentation | Understanding Beef Availability System In Central Java Indonesia Using Causal Loop Diagram |

Track Industrial Engineering

| Paper ID | Presenter | Media | Paper Title |
|----------|----------------------------|----------------------|--|
| DYN21119 | Maghfira Safitri Yasmin | Virtual Presentation | Analysis Of Regulator Production Process For Demand Fulfillment At Pt Maju Teknik Utama Indonesia (mtu) Using A Dynamic Systems Approach |

Track Transportation

| Paper ID | Presenter | Media | Paper Title |
|----------|------------------|----------------------|---|
| DYN21117 | Syafrizal Ambiya | Virtual Presentation | Fuel Oil Consumption Analysis Of Pt. Kereta Api Indonesia Using A Dynamic System Approach |

Track Management

| Paper ID | Presenter | Media | Paper Title |
|----------|----------------|----------------------|--|
| DYN21112 | Taufiq Hidayat | Virtual Presentation | The Effect Of Covid-19 To The Credit Risk And Bankruptcy Risk Of State Company Bank In Indonesia |
| DYN21121 | Regina Deti | Virtual Presentation | Trainer's Role towards Sustainability of Financial Training Program |

Track Tourism And Hospitality

| Paper ID | Presenter | Media | Paper Title |
|----------|---------------|----------------------|---|
| DYN21103 | Lenny Yusrini | Virtual Presentation | Towards Sustainability: A Causal Loop Diagram Approach For Biodiversity-based Tourism Village Development |

Track Environment

| Paper ID | Presenter | Media | Paper Title |
|----------|-----------------------|----------------------|--|
| DYN21109 | Leonarda Sofiani Rame | Virtual Presentation | The Projection Analysis Of Waste Generation, The Total Of Waste And The Projection Of Waste Land Area In Malaka Regency, East Nusa Tenggara Province |
| DYN21116 | Dino Rimantho | Virtual Presentation | Model Of The Potential Risk Of Failure Of Sustainable Solid Waste Management At The University: A Dynamic Systems Approach |
| DYN21118 | Pipin Noviati Sadikin | Virtual Presentation | System Dynamics Diagramming Of Ecotourism Planning In Gonda Mangrove Forest, Polewali Mandar, West Sulawesi |
| DYN21120 | Samadi Samadi | Virtual Presentation | An Environmental Monitoring System For The Availability Of Drinking Water For The Population As An Ecosystem Service In Areas Exposed To Covid-19 |