

---

# FORMATH FUKUOKA 2018

## Program: March 16 (Fri) - 17 (Sat)

**March 16 (Fri), 2018**

---

|               |  |   |   |
|---------------|--|---|---|
| 9:00 ~ 10:20  | <b>Registration &amp; Coffee refresh</b>   |   | (Affiliation of presenter)  |
| 10:20 ~ 10:30 | <b>Opening Remarks</b>   | Dr. Matsumura   |   |
| <b>1.</b>     | <b>Ecological Economics</b>  | Coordinator: Dr. Chhetri                                  |   |
| 10:30 ~ 10:55 | Role of Coffee Eco-Certification and the Sustainability of Smallholder Farmers in Sumatra, Indonesia                   | Ryohei Kada   | Shijonawate Gakuen Univ., Japan   |
| 10:55 ~ 11:20 | Coffee Farmer's Willingness to Accept (WTA) Ecological Services in Building the Resilience on Economic-Ecological Risk | Fitriani  | Univ. of Lampung, Indonesia   |
| 11:20 ~ 11:45 | The Impacts of Agroforestry System on Rural Welfare in Sumatra, Indonesia  | Bustanul Arifin   | Univ. of Lampung, Indonesia   |
| 11:45 ~ 13:15 | <b>Lunch Break</b>   |   |   |
| <b>2.</b>     | <b>Country Profile</b>   | Coordinator: Dr. Takahashi                                |   |
| 13:15 ~ 13:40 | Forest Zoning Map in Quasi National Park Area in Japan: Case Study in Komono Town, Mie Prefecture                      | Septaris Bernadetta Parhusip                              | Mie Univ., Japan  |
| 13:40 ~ 14:05 | The Dynamics of Pro-Poor Strategies: Analysis of Four Different Community Groups in Nepal                              | B.B. Khanal Chhetri                                       | Institute of Forestry, Pokhara Campus, Nepal  |
| 14:05 ~ 14:30 | Progeny Testing of <i>Dalbergia cochinchinensis</i> and <i>Pterocarpus macrocarpus</i> in Cambodia                     | Heng Sokh   | Institute of Forest and Wildlife Research and Development Forestry Administration, Cambodia |
| 14:30 ~ 15:00 | <b>Coffee Break</b>  |   |   |
| <b>3.</b>     | <b>Landscape Spread</b>  | Coordinator: Dr. Asante                                   |   |
| 15:00 ~ 15:25 | Regeneration Responses to Deadwood in Yaku-Island/Japan Using Zero-Inflated Poisson Model                              | S. Itaka*, Y. Koishi,<br>T. Ota, S. Yoshida,<br>N. Mizoue | ISM, Japan  |
| 15:25 ~ 15:50 | Human-induced Spread Factors of the Pine Wilt Disease in South Korea: A Structural Equation Modeling Approach          | H. Han*, H. Kyu Won,<br>A. Seol                           | National Institute of Forest Science, Republic of Korea                                     |
| 15:50 ~ 16:15 | <b>Coffee Break</b>  |   |   |
| <b>4.</b>     | <b>Remote Sensing</b>  | Coordinator: Dr. Mitsuda                                  |   |
| 16:15 ~ 16:40 | GIS and Remote Sensing Applications in the Ecological Zoning Assessment in Gabon                                       | Saint-Clair Ebaye Mpiga                                   | Mie Univ., Japan  |
| 16:40 ~ 17:05 | Identification of Forest Stand Disturbance in Coastal Georgia  | Shingo Obata  | Univ. of Georgia, USA   |
| 17:05 ~       | <b>Group Photo</b>   |   |   |
| 18:00 ~       | <b>Reception</b>   |   |   |

---

---

**March 17 (Sat), 2018**

---

9:30 ~ 10:30 **Registration & Coffee refresh** (Affiliation of presenter with\*)

---

10:30 ~ 12:00 **Poster Session**

Coordinator: Dr. Itaka

---

|     |   |                                       |                             |
|-----|---|---------------------------------------|-----------------------------|
| P01 | Optimizing the Management of <i>Pinus kesiya</i> Forest Stands in Vietnam   | T. Ha Le*, M. Konoshima, A. Yoshimoto | Univ. of the Ryukyus, Japan |
| P02 | Effect of Landscape Structure on Abundance of Honey Bee ( <i>Apis cerana</i> ) as a Pollinator of Hyuganatsu ( <i>Citrus tamurana</i> ) in Aya Town, Miyazaki Prefecture, Japan | Yasushi Mitsuda                       | Univ. of Miyazaki, Japan    |
| P03 | Quantitative Comparison of Forest Measurement Methods on the Inside and Outside of Forest Using Airborne LiDAR, UAV Photogrammetry and Ground-based Laser Scanning              | Yuki Hirose                           | Mie Univ., Japan            |

---

12:00 ~ 13:30 **Lunch Break**

---

**5. Growth and Inventory**

Coordinator: Dr. Matsumura

---

|               |  |                                  |  |
|---------------|--|----------------------------------|--|
| 13:30 ~ 13:55 | Statistical Analysis of Three Dimensional Point Clouds for Forestry Purposes   | Peter Surovy                     | Czech Univ. of Life Sciences, Czech Republic     |
| 13:55 ~ 14:20 | Growth Classification by Growth Function Selection Using Long Term Monitoring Data of Japanese Larch ( <i>Larix kaempferi</i> ) in Japan | K. Kamo*, M. Takahashi, T. Tonda | Sapporo Medical Univ., Japan                     |
| 14:20 ~ 14:45 | Impact Assessment of Nested Concentric Circular Plots in Vietnam National Forest Inventory   | Dinh Hung Nguyen                 | Forest Inventory and Planning Institute, Vietnam |

---

14:45 ~ 15:15 **Coffee Break**

---

**6. Management & Scheduling**

Coordinator: Dr. Surovy

---

|               |  |  |  |
|---------------|--|--|--|
| 15:15 ~ 15:40 | Incorporating Carbon and Bioenergy Concerns into Forest Management                                 | P. Asante*, A. Yoshimoto, S. Itaka                                 | BC Ministry of Forests Lands and Natural Resources, Canada |
| 15:40 ~ 16:05 | Optimal Weeding Schedules for Sugi ( <i>Cryptomeria japonica</i> ) Plantations                     | K. Fukumoto*, T. Ota, N. Mizoue, S. Yoshida, Y. Teraoka, T. Kajisa | Kyushu Univ., Japan  |
| 16:05 ~ 16:30 | Optimal Habitat Connection through Spatially Constrained Harvest Scheduling with Area Restrictions | Atsushi Yoshimoto  | ISM, Japan   |
| 16:30 ~ 16:35 | <b>Closing Remarks</b>   | Dr. Yoshimoto  | ISM, Japan   |
| 16:35 ~ 17:00 | <b>Business Meeting</b>  | Dr. Yoshimoto  | ISM, Japan   |

---