

| | Abstract Theme | Presenter |
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| Key Note | 24-Jul 11:00-12:00 | |
| O-01 | 0014-001 A Trajectory of Final Harvests in The Pacific Northwest, USA Over 50 Years: Loggers, Safety, Technology, and The Future | John J. Garland |
| O-02 | 0030-001 Steep Terrain Forest Operations - Challenges, Technology Development, Current Implementation, and Future Opportunities | Raffaele Cavalli |
| Oral-01 | 24-Jul 13:00-15:00 | |
| O-03 | 0017-001 Productivity of a harvesting operation for a small clear cut block by direct grappling using a harvester in the Kochi University Forest | Yasushi Suzuki |
| O-04 | 0031-001 Productivity and Harvesting of Exotic Tree Plantations on Highland in Chiang Mai, Thailand | Wathinee Suanpaga |
| O-05 | 0032-001 Forwarding operation using a tractor and a trailer in mountainous forest | Masahiro Iwaoka |
| O-06 | 0038-001 Ground pressure distribution of forest machines | Hiroko Muneoka |
| Oral-02 | 24-Jul 15:30-17:30 | |
| O-07 | 0046-001 A New Small Yarding System for Log Transportation | H. Hulusi Acar |
| O-08 | 0009-001 The Limits and Possibilities of Japanese Swing Yarders in Comparison with European Cable Systems | Tetsuhiko Yoshimura |
| O-09 | 0028-001 Developing Accessibility Measurement Tool between Forests and Woody Biomass Plants Using Google Maps API | Chisa Nakata |
| O-10 | 0039-001 Physiological Inputs in Cable Yarding Operations | Andrea R. Proto |
| Oral-03 | 25-Jul 9:00-10:30 | |
| O-11 | 0041-001 Risk Perception and Work Safety Behaviour of Indonesian Chainsaw Operators | Efi Yulianti Yovi |
| O-12 | 0008-001 Analysis of work-related injuries of felling work using chain saws in Japan | Kyoko Tobita |
| O-13 | 0002-001 ICT Assistance and Management for Manual Chainsaw Operation | Toshio Nitami |
| O-14 | 0019-001 The physical effects of shapes of hinge in chainsaw felling operation | Yozo Yamada |

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| Poster | 25-Jul | |
| P-01 | 0029-001 Estimation of forest workers environment under the climate change | Akemi Itaya |
| P-02 | 0006-001 Method for determining felling directions to prevent damage to saplings | Hiroaki Shirasawa |
| P-03 | 0020-001 Study on prediction of sapling damage area by felling and skidding. | Masashi Saito |
| P-04 | 0042-001 Work load by the difference in slant at the time of the chain saw work and posture | Kouki Inoue |
| P-05 | 0027-001 Effects of final cutting as a preventive measure of pollinosis and the Tama timber certification system on the local logging system and productivity | Shohei Kameyama |
| P-06 | 0003-001 Economic balances of clear cutting and regeneration operations in the Northern area of Tochigi prefecture, Japan | Kazuhiro Aruga |
| P-07 | 0012-001 Productivity of final cutting in Chamaecyparis obtuse dominated shelterwood stands -A case of KANAZAWA YAMA national forest- | Mikiko Matsui |
| P-08 | 0024-001 The Tokyo Metropolitan Government final cutting project | Mari Kawase |
| P-09 | 0049-001 Factor of Illegal Logging Through Villagers Perspectives: A Case Study in PRF Ulu Sat, Kelantan, Peninsular Malaysia. | Nur Afifah Mohamad Amran |
| P-10 | Long-term wood supply planning using precise forest information | Hisashi Hasegawa |
| P-11 | 0040-001 Productivity of logging large-diameter and long logs for final cutting on moderate mountain forest | Masahiko Nakazawa |
| P-12 | 0010-001 Improvement of forestry strip roads and assessment of possible introduction of logging operation systems | Shin Yamasaki |
| P-13 | 0011-001 The Effects of Compaction on Operation road at the Constructing | Hiroki Matsunaga |
| P-14 | 0037-001 Effect of stripping bamboo for using in skidding road | Satoshi Yamaguchi |
| P-15 | 0048-001 Evolution of Forest Harvesting in Peninsular Malaysia | Mohd Hasmadi Ismail |
| P-16 | 0048-001 Trends in Charcoal Production in Mangrove Forest Reserve, State of Perak, MALAYSIA | Mohd Hasmadi Ismail |

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| P-17 | 0044-001 Rigging methods of simple logging cable systems for small scale forestry | Haruka Aoki |
| P-18 | 0005-001 Availability of Small-Scale Woody Biomass Gasification Power Generation from the View of Forest Resources in Tochigi Prefecture | Takahisa Yamamoto |
| P-19 | 0007-001 An optimum size of slash pile for a grinding operation: Modeling the operations of a grapple excavator and a horizontal grinder | Takuyuki Yoshioka |
| P-20 | 0022-001 Effects of the Variation of Canopy Openness after Thinning on the Understory Vegetation | Yasutaka Watanabe |
| P-21 | 0034-001 The Temiar Community in Kelantan, Malaysia: Their Socioeconomic and Culture Values | Wan Nur Farinie Wan Zee |
| P-22 | 0035-001 Managing of Malaysian Tropical Rainforest: Issues and Challenges | Md. Damiri Md. Sairi |

| | Presentation type | First Keyword | Second Keyword | Third Keyword | Fourth Keyword | Fifth Keyword |
|----------|-------------------|-------------------------------|--------------------------------|-------------------------|--------------------------------|-------------------------|
| Key Note | | | | | | |
| O-01 | Key Note | | | | | |
| O-02 | Key Note | Steep slope | Harvesting system | Winch-assist | Remote control | Teleoperation |
| Oral-01 | | | | | | |
| O-03 | Oral | Clear cut | Small block | Direct grappling | Processor | Kochi University Forest |
| O-04 | Oral | Sustainable Forest Management | Forest Harvesting | Exotic Tree Plantation | Highland | |
| O-05 | Oral | driving velocity | fuel consumption | loading volume | operation cost | road inclination |
| O-06 | Oral | ground pressure distribution | excavator-based forest machine | forest road strength | | |
| Oral-02 | | | | | | |
| O-07 | Oral | log | carriage | small yarding | environment-friendly transport | |
| O-08 | Oral | Japanese Swing Yarder | Excavator | Cable System | | |
| O-09 | Oral | forest road | harvesting | transportation distance | transportation time | |
| O-10 | Oral | metabolic rate | energy cost | heartbeat frequency | VO2 | |
| Oral-03 | | | | | | |
| O-11 | Oral | occupational health | risk perception | tree felling | psychometric paradigm | |
| O-12 | Oral | chain saw | work-related injury | felling | | |
| O-13 | Oral | chainsaw | manual work | safety | productivity | ICT |
| O-14 | Oral | shape of hinge | physical effect | felling direction | chainsaw felling | pulling experiment |

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|--------|-------------------|---------------------|--------------------------|---|--------------------------|--------------------------|
| Poster | | | | | | |
| P-01 | Poster | temperature | humidity | slope | GIS | |
| P-02 | Poster | felling damage | felling directions | spatial optimization | mathematical programming | |
| P-03 | Poster | shelterwood | logging damage | forest operations, | spatial analysis | |
| P-04 | Poster | Chain saw | Work posture | Muscle load | Movement analysis | |
| P-05 | Poster | final cutting | logging system | productivity | | |
| P-06 | Poster | Revenue | Labor input | Productivity | Cost | Profit |
| P-07 | Poster | Final cutting | Productivity | Harvesting cost | Shelterwood | Chamaecyparis obtuse |
| P-08 | Poster | final cutting | Cryptomeria japonica | interview | Tokyo | policy |
| P-09 | Poster | Illegal logging | villagers | Permanent Reserve Forest | | |
| P-10 | Poster | LiDAR | GIS | Logging possibility | Road network | Stand growth |
| P-11 | Poster | productivity | logging | large-diameter and long logs logging operation system | final cutting | moderate mountain forest |
| P-12 | Poster | steep slope | strip roads | | tower yarder | |
| P-13 | Poster | operation road | compaction | bearing capacity | CBR value | Nd value |
| P-14 | Poster | bamboo | skidding road | ditch | wheel load | bundling |
| P-15 | Poster | Malaysian forest | forest harvest operation | sustainable forest management | | |
| P-16 | Poster | Charcoal production | mangrove forest | Perak | Malaysia | |

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|------|-------------------|-------------------------------|----------------------------|-----------------------------|-----------------------|---------------|
| P-17 | Poster | Logging cable systems | rigging methods | small scale forestry | | |
| P-18 | Poster | Woody biomass | Estimation of availability | Harvesting cost | | |
| P-19 | Poster | fuel reduction | grinding operation | modeling | slash pile | woody biomass |
| P-20 | Poster | canopy openness | understory vegetation, | hemispherical photo | crown projection maps | thinning |
| P-21 | Poster | Socioeconomic characteristics | indigenous people | Temiar community | Kelantan | |
| P-22 | Poster | Forest management | sustainable | Selective Management System | harvesting | |