



CURRICULUM VITAE



Name : Dr. Azita Ahmad Zawawi
Address : Department of Recreation and Ecotourism
Faculty of Forestry
Universiti Putra Malaysia
43400 UPM Serdang
Selangor
E-mail : azitazawawi@upm.edu.my

Academic Qualifications / Education

1. PhD – Resource Planning (The United Graduate School of Agricultural Sciences, Kagoshima University)
2. MSc – Tree ecophysiology (Universiti Putra Malaysia)
3. Bac. – Forestry Science (Universiti Putra Malaysia)

Areas of Interest

1. Digital terrain analysis and resource planning
2. Outdoor recreation planning
3. Geospatial information technology

Professional Qualification / Membership / Affiliation

1. Member, Japanese Society of Forest Engineering
2. Member, IUFRO Division 3
3. Member, Okinawa Shorin-Ry Shorin-Kai Association

Appointments / Career

- | | Position | Duration |
|----|--|-----------------|
| 1. | Senior Lecturer (Faculty of Forestry, UPM Serdang) | 2015- Present |
| 2. | Tutor (Faculty of Forestry, UPM Serdang) | 2009-2015 |

Awards			
Name of awards	Award Authority	Award Type	Year
Female Research Grant Fellowship	Japanese Government	National	2014
Medipolice Foundation Fund	Medipolice Foundation	University	2014
General Research Student Grant	Japanese Government	National	2013
SLAB	MOE	National	2012- 2015
Bronze medal	Pameran Reka Cipta, Penyelidikan dan Inovasi UPM	Universiti	2009

Publications

1. Azita Ahmad Zawawi, Masami Shiba, Noor Janatun Naim Jemali. 2015. Accuracy of LiDAR-based tree height estimation and crown recognition in a subtropical evergreen broad-leaved forest in Okinawa, Japan. *Forest Systems* 24(1): 1-11
2. Azita Ahmad Zawawi, Masami Shiba, Noor Janatun Naim Jemali. 2014. Simulation of terrain attributes from LiDAR data for slope failure hazard assessment in steep forest of Okinawa Island. *Japanese Journal of The Japan Forest Engineering Society* 29(4):193-202.
3. Azita Ahmad Zawawi, Masami Shiba, Noor Janatun Naim Jemali. 2014. Landform classification for site evaluation and forest planning: Integration between scientific approach and traditional concept. *Sains Malaysiana* 43(3): 349-358.
4. Azita Ahmad Zawawi, Masami Shiba, Hazandy Abdul Hamid, Mohd Zaki Hamzah, Pakhriazad Hassan Zaki. 2012. Preliminary assessment on the differentiation in wood structure and properties of *Beackea frutescens* as impacted by recreational activities in Mount Tahan, Malaysia. *Sains Malaysiana* 41(9): 1085-1089.
5. Noor Janatun Naim Binti Jemali, Shiba Masami and Azita Ahmad Zawawi, 2015. Interpretation of Upper-story Canopy Area in Subtropical Broad-leaved Forests of Northern Part of Okinawa Island Using Laser Scanning Data. *Sains Malaysiana* 44(1):107-113.
6. Noor Janatun Naim Jemali, Masami Shiba, Azita Ahmad Zawawi, 2015. Strategic Forest Management Options for Small Scale Timber Harvesting. *Small Scale Forestry* 14(3): 351-352.
7. Noor Janatun Naim Jemali, Masami Shiba, Azita Ahmad Zawawi, 2013. Comparison of image classification methods using IKONOS image for identifying land cover attributes of logged over forest area in Yambaru, Okinawa Island. *Japanese Journal of The Japan Forest Engineering Society* 28(1): 99-105.
8. Azita Ahmad Zawawi, Hazandy Abdul Hamid, Mohd Zaki Hamzah, Mohd Nazre Saleh, Pakhriazad Hassan Zaki. 2009. Impacts of Recreation Activities on Growth and Physiological Characteristics of Upper Mountain Vegetation. *Journal of Sustainable Development* 2(2): 114-119.

Oral Presentations

1. Azita Ahmad Zawawi, Sham Shor Nahar, Nur Shahida Nasha Nashir. Mountain Trails of Malaysia, between Recreation and Sustainability. International Conference on Adventure and Ecotourism, Pulau langkawi, Malaysia. December 2015
2. Azita Ahmad Zawawi, Masami Shiba, Noor Janatun Naim Jemali. Topographic condition on the distribution of stand structure and diversity in subtropical Yambaru forest, Okinawa. Kyushu Branch of Forest Society (Annual Meeting). Saga University, 25th October 2014.
3. Azita Ahmad Zawawi, Masami Shiba, Noor Janatun Naim Jemali. Influence of topographic heterogeneity on tree diversity and structure in Yambaru forest. Annual Meeting on Okinawa Subtropical Forestry. 29th August 2014. (No printed abstract).
4. Azita Ahmad Zawawi, Masami Shiba, Noor Janatun Naim Jemali. Stand based tree height estimation and crown delineation using LiDAR in subtropical Yambaru forest, Okinawa. The Japanese Forest Society Congress 125. Omiya Convention Center. 26-30th March 2014. (Abstract C10-Page 76).
5. Azita Ahmad Zawawi, Masami Shiba, Noor Janatun Naim Jemali. Assessment of crown structure characteristics using LiDAR data in complex subtropical forest of Okinawa Island. Kyushu Branch of Forest Society (Annual Meeting). Miyazaki University. 26-28th October 2013.
6. Azita Ahmad Zawawi, Masami Shiba, Noor Janatun Naim Jemali. Estimation of complex crown patches using LiDAR data in Yambaru forest. Okinawa Island. Annual Meeting on Okinawa Subtropical Forestry. 30th August 2013. (No printed abstract).
7. Azita Ahmad Zawawi, Masami Shiba, Noor Janatun Naim Jemali. Simulating topographic potential for automated erosion detection: An evaluation of steep forest on Okinawa Island. IUFRO Unit 3.06 International Conference. Forest Operations in Mountainous Conditions. Honne, Norway. 2nd -5th June 2013. (Proceeding page 117-120).
8. Azita Ahmad Zawawi, Masami Shiba, Noor Janatun Naim Jemali. Terrain stability assessment on erosion hazard sites in Yambaru forests, Okinawa Island. The Japanese Forest Society Congress 124, Iwate University. 26 - 29th March 2013. (Abstract page 156).
9. Azita Ahmad Zawawi, Masami Shiba, Noor Janatun Naim Jemali. Simulating topographic effect for sensitive site assessment and risk mapping in subtropical forest of Okinawa Island, Japan. 2nd USM-PSU International Conference on Art and Sciences 2012, Penang, Malaysia. 2nd - 4th December 2012. (Abstract page 61).
10. Azita Ahmad Zawawi, Masami Shiba, Noor Janatun Naim Jemali. Digital Terrain Simulator (DTS) for detection of sensitive site and mapping in steep watershed forest of Yambaru Area, Okinawa Island. Kyushu Branch of Forest Society (Annual Meeting), Kumamoto University. 26 - 27th October 2012. (No printed abstract).

11. Azita Ahmad Zawawi, Masami Shiba, Noor Janatun Naim Jemali. Sensitive site detection and mapping in steep watershed forest of Yambaru based on Digital Terrain Simulator (DTS). Annual Meeting on Okinawa Subtropical Forestry. 31th August 2012. (Abstract page 21).
12. Azita Ahmad Zawawi, Masami Shiba, Noor Janatun Naim Jemali. Terrain analysis and site evaluation for sustainable management of subtropical forest in Yambaru, Okinawa. The Japanese Forest Society Congress 123, Utsunomiya University. 26 - 28th March 2012. (Abstract- D18).
13. Masami Shiba, Azita Ahmad Zawawi, Noor Janatun Naim Jemali. 世界自然遺産候補地としての沖縄本島北部森林の保全管理とGP. The 70th Kyushu Forestry Conference. Saga University, Japan. 24-25 October 2014. No.106.
14. Masami Shiba, Azita Ahmad Zawawi, Noor Janatun Naim Jemali. 「奄美・琉球」世界自然遺産候補地としての沖縄本島北部地域の現状と課. Okinawa Subtropical Forestry Annual Meeting 2014. Naha, Okinawa. 29 August 2014. (Abstract page 23).
15. Masami Shiba, Azita Ahmad Zawawi, Noor Janatun Naim Jemali, Yoshiyuki Chinen. [奄美、琉球] 世界自然遺産候補地としてのヤンバル森林の諸課題. The Japanese Forest Society Congress 125. Omiya Convention Center. 26th-30th March 2014. (Abstract A30 - Page 188).
16. Noor Janatun Naim Jemali, Shiba Masami, Azita Ahmad Zawawi. Assessing potential conservation sites in Yambaru Forest area by elevation levels. The 70th Kyushu Forestry Conference. Saga University, Japan. 24-25 October 2014. No.106.
17. Noor Janatun Naim Jemali, Shiba Masami, Azita Ahmad Zawawi. Evaluation of potential conservation area in the Northern Okinawa forest area based on variation of elevation gradient. Okinawa Subtropical Forestry Annual Meeting 2014. Naha, Okinawa. 29 August 2014. (Abstract page 19).
18. Masami Shiba, Azita Ahmad Zawawi, Noor Janatun Naim Jemali. 「奄美、琉球」世界自然遺産候補地森林の保全管理と担保措置 - 沖縄本島ヤンバル 森林の場. Kyushu Branch of Forest Society (Annual Meeting). Miyazaki University. 26-28th October 2013.
19. Noor Janatun Naim Jemali, Masami Shiba, Azita Ahmad Zawawi. Vertical structure assessment and spatial dissemination of subtropical broadleaved tree species in Okinawa Island. The 69th Kyushu Forestry Conference. Miyazaki University, Japan. 25-26 October 2013. No.406.
20. Noor Janatun Naim Jemali, Masami Shiba, Azita Ahmad Zawawi. Interpretation of forest canopy structure of Okinawa subtropical broad-leaves forest translated from laser scanning data. Okinawa Prefecture Forestry Meeting. Naha, Okinawa. 30 August 2013. (Abstract page 13).
21. Noor Janatun Naim Jemali, Masami Shiba, Azita Ahmad Zawawi. Forest Zonation Pattern of Okinawa Island: What's to consider?, 124th Annual Meeting of the Japanese Forest Society. Iwate University. 25-28 March 2013. (Abstract page 208, N31)

22. Masami Shiba, Azita Ahmad Zawawi, Noor Janatun Naim Jemali. 沖縄県の森林、林業の課題とグリーンエコノミー政策1992年地球サミットから2012年リオ+20へ- Kyushu Branch of Forest Society (Annual Meeting), Kumamoto University. 26th - 27th October 2012. (No printed abstract)
23. Masami Shiba, Azita Ahmad Zawawi, Noor Janatun Naim Jemali. 沖縄の森林利用の課題とグリーンエコノミー政策1992年地球サミットから2012年リオ+20へ- Annual Meeting on Okinawa Subtropical Forestry. 31th August 2012. (Abstract page 18)
24. Noor Janatun Naim Jemali, Masami Shiba, Azita Ahmad Zawawi. Strategic timber harvesting planning for a sustainable management practices in Yambaru Forest, Okinawa. PSU-USM International Conference on Art and Sciences 2012. (Penang, Malaysia. 2-4 December 2012). (Abstract page 65)
25. Noor Janatun Naim Jemali, Masami Shiba, Azita Ahmad Zawawi. HARVEST Simulation Model: connecting timber yield control and landscape management towards sustainable manner. The 68th Kyushu Forest Society Meeting. Kumamoto, Kyushu. 26-27 October 2012.
26. Noor Janatun Naim Jemali, Masami Shiba, Azita Ahmad Zawawi. How HARVEST Simulation Helps in Sustainable Yield Management Strategy of Yambaru Forest Resources?. Okinawa Subtropical Forestry Annual Meeting 2012. Naha, Okinawa. 31 August 2012. (Abstract page 19)
27. Noor Janatun Naim Jemali, Masami Shiba, Azita Ahmad Zawawi. Spectral Classification of IKONOS Images for Forest Cover Characterization of Yanbaru Forest Area, Okinawa Japan. 123th Annual Meeting of the Japanese Forest Society, Utsunomiya University. 26-28 March 2012 (Abstract D17, CD-ROM)

Poster Presentations

1. Azita Ahmad Zawawi, Siti Khadijah Ibrahim Edham. Trail Sensitivity Assessment: The Case of Hutan Simpan Ayer Hitam. International Conference on Sustainable Forest Development in View of Climate Change (SFDCC 2016), Putrajaya. 8-11 August 2016 (Poster)
2. Azita Ahmad Zawawi, Masami Shiba, Noor Janatun Naim Jemali. Estimating stand heights and crown structure of subtropical broadleaved forest using LiDAR data in Okinawa Island, Japan. IUFRO World Congress. Salt Lake City, Utah. 5-11th October 2014. Division 4, Poster No 164, Abstract No 1139.
3. Azita Ahmad Zawawi , Masami Shiba, Noor Janatun Naim Jemali. Landform Classification for Site Evaluation and Forest Planning: Integration between Scientific Approach and Traditional Concept. General Seminar of Agriculture I, Kagoshima Rendai, Kagoshima. 13th November 2013. Poster No 25.
4. Masami Shiba, Azita Ahmad Zawawi, Noor Janatun Naim Jemali. Comparison between Western and Eastern historical view of sustainability (Nachhaltigkeit) principle of forest use. IUFRO World Congress. Salt Lake City, Utah. 5-11th October 2014. Division 9, Poster No. 99.

5. Noor Janatun Naim Binti Jemali, Shiba Masami, Azita Ahmad Zawawi. Evaluating vegetation complexity at different site condition of subtropical forest of Okinawa Island Japan. IUFRO World Congress. Salt Lake City, Utah. 5-11th October 2014. Division 8, Poster No.193.
6. Noor Janatun Naim Jemali, Masami Shiba, Azita Ahmad Zawawi. Assessment of spatial and vertical structure of subtropical broadleaved trees in Yambaru areas. The Japanese Forest Society Congress 125. Omiya Convention Center. 26th-30th March 2014. P1-125.
7. Noor Janatun Naim Jemali, Masami Shiba, Azita Ahmad Zawawi. Spectral Classification of IKONOS Images for Forest Cover Characterization of Yanbaru Forest Area, Okinawa Japan. General Seminar of Agriculture I, Kagoshima Rendai, Kagoshima. 13th November 2013. Poster No. 27.