

CURICULUM VITAE



NAME : SYEED SAIFULAZRY OSMAN AL-EDRUS

NATIONALITY : Malaysian

CURRENT/MAIL ADDRESS : Laboratory of Biocomposite Technology, Institute of Tropical Forestry and Forest Products (INTROP), Universiti Putra Malaysia (UPM), 43400 Serdang, Selangor Darul Ehsan, Malaysia.

CONTACT NO : +603 8946 7014 (Office), +6012 3001745 (Mobile),
+6038947 1890 (Fax)

E-MAIL : saifulazry@upm.edu.my

ACADEMIC BACKGROUND : Ph.D (Biocomposite Tech), 2017, UPM
M.Sc. (Biocomposite Tech), 2007, UPM
B.Sc. of Forestry (Wood Sc &Tech), 2003, UPM
Dip of Forestry (Wood Sc &Tech), 2000, UPM

WORKING EXPERIENCE : Research Officer (2008 – current)
Student Fellow (2009 – 2010)
Science Officer (2007 – 2008)

PUBLICATION

JOURNAL

1. *Effects Of Polymorph Transformation Via Mercerization On Microcrystalline Cellulose Fibres And Isolation Of Nanocrystalline Cellulose Fibres.* **Saifulazry, S.O.A.**, Chuah, T.G., Paridah M.T., Aung, M. M., Edi S.Z. *Pertanika J. Sci. & Technol.* 25 (4): 1275-1290 (2017).
2. *Retting process of some bast plant fibers and its effect on fibre quality: A review,* Paridah, M. T., Ahmed, A. G., **SaifulAzry, S. O. A.**, and Ahmed, Z. *BioResources.* 6(4), 5260-5281. (2011). .IF: 1.418.
3. *Characteristics of cellulose nanofibers isolated from rubberwood and empty fruit bunches of oil palm using chemo-mechanical process.* Mehdi Jonoobi, Abolghasem Khazaeian, Paridah Md. Tahir, **Syeed SaifulAzry** and Kristiina Oksman. *Cellulose DOI 10.1007/s10570-011-9546-7* : Online Journal IF: 2.156.
4. *Physicochemical characterization of pulp and nanofibers from kenaf stem.* Mehdi Jonoobi, Jalaluddin Harun, Paridah Md Tahir, Alireza Shakeri, **Syeed SaifulAzry** and Majid Davoodi Makinejad. *Material Letters* 65 (2011) 1098-1100. IF :1.940
5. *Mechanical and Physical Properties of Particleboard Made From 4-Year Old RRIM 2000 Series Clone Rubberwood .*Paridah Md Tahir, **Syeed SaifulAzry**, JalaluddinHarun, ZaidonAsa'ri and RahimSudin. *Journal of Tropical Forest Science.*22 (4): 440-447 (2010). IF : 0.323
6. *Characteristics of Nanofibers Extracted from Kenaf Core.* Mehd iJonoobi, ParidahMd, Tahir, Lukmanul Hakim Zaini, **Syeed SaifulAzry** and Majid Davoodi Makinejad. *BioResources* (2010). 5(4) 2556-2566. IF : 1.406

PROCEEDING

1. *Effect of Nanocrystalline Cellulose Fiber with Different Cellulose Polymorph on Thermal Properties of Jatropha Oil-Based Biopolyurethane Nanocomposites Film.* **Syeed SaifulAzry**, Luqman Chuah, Paridah Md Tahir, Min Min Aung, Sariah Saalah and Edi Syams Zainuddin (2017) Wood and Biofiber International Conference (WOBIC) 2017. Selangor, Malaysia. November 21-23, 2017.
2. *Production of PUTRA Frame using Biocomposite Materials.* Ahmad Adlie Shamsuri, Mohd Sapuan Salit, Mohd Hafizie Manap, Mohd Lufti Mohd Tawil, **Syeed SaifulAzry**, Hassan Hj. Ali and Mohd Amil Faesal Fauzi. (2017) Wood and Biofiber International Conference (WOBIC) 2017. Selangor, Malaysia. November 21-23, 2017.
3. *Thermal Properties of Biopolyurethane Nanocomposites From Nanocrystalline Cellulose and Jatropha Oil-Based Polyol.* **Saifulazry, SOA**, Chuah, Tg., Paridah MT, Aung, MM, Sariah, S and Edi SZ (2017) The Twenty-Fifth Annual International Conference On Composites/Nano Engineering (ICCE-25). Rome, Italy. July 16-22, 2017.
4. *Nanocrystalline Cellulose-Jatropha Oil-Based Polyurethane Nanocomposites.* **Syeed SaifulAzry**, Luqman Chuah Abdullah, Paridah Md Tahir, Min Min Aung and Edi Syams Zainudin. 14th Int. Symposium on Bioplastics, Biocomposites and Biorefining (ISBBB 2016) May 31st – June 3rd, 2016, Delta Guelph Hotel and Conference Centre, Guelph Ontario, CANADA.
5. *Mechanical Performance of Microcrystalline Cellulose-Jatropha Oil-Based Polyurethane Composite.* **Syeed SaifulAzry**, Luqman Chuah Abdullah, Paridah Md Tahir, Min Min Aung and Edi Syams Zainudin. INTROP Research Colloquium 2015. 1-2 December 2015, RHR Hotel @ UNITEN, Putrajaya. MALAYSIA
6. *Effects of Fertilizer Rate and Application Technique on Chemical Constituents of Rubberwood 2002 Clone.* **Syeed SaifulAzry**, Paridah Md Tahir, Juliana Ab Halip, Teo Sze Ming, Khor Khar Khoon. Putra Research Symposium 2015. 28 April 2015, Universiti Putra Malaysia, Serdang, Selangor, MALAYSIA
7. *Survey on Availability Oil Palm Frond Generated from SADC Oil Palm Estate in Perak.* Paridah Md Tahir, **Syeed SaifulAzry Osman Al-Edrus** and Norfaryanti Kamarudin. 1st IDR Annual Research Seminar 2014 INTROP. 18 Mac 2014 Casuarina@Meru Hotel, Ipoh, Perak, MALAYSIA
8. *Wood Quality and Board Assessment of Rubber Tree Clones RRIM 3000 Series.* Paridah Md Tahir, Zaidon Ashaari, **Syeed SaifulAzry Osman Al-Edrus**, Harmaen Ahmad Saffian, Juliana Abd Halip and Aisyah Humairah Alias. INTROP Research Colloquium 2012. 5-6 December 2012, Residence Hotel, UNITEN, Bangi, Selangor. MALAYSIA
9. *Oil Palm Frond as Raw Material for Particleboard Manufacturing.* **Syeed SaifulAzry**, Norfaryanti Kamaruddin, Paridah Md Tahir, Juliana Abd Halip and Aisyah Humaira Alias. INTROP Research Colloquium 2012. 5-6 December 2012, Residence Hotel, UNITEN, Bangi, Selangor. MALAYSIA
10. *Properties of Cellulose Nanofibers Isolated from Kenaf (*Hibiscus cannabinus L*) Fibers.* **Syeed SaifulAzry**, Mehdi Jonoobi, Paridah Md Tahir and Jalaluddin Harun. International Seminar on Strengthening of Collaboration for Jute, Kenaf and allied Fibres Research and Development, 8-9 June 2011, International Jute Study Group, Dhaka, BANGLADESH.
11. *Mechanical and Physical Properties of Particleboard Made from 4-year old RRIM 2000 Series Clones Rubberwood,* Paridah Md Tahir, **Syeed SaifulAzry**, JalaluddinHarun, ZaidonAsa'ri and Rahim Sudin. Proceedings of UPM-Malaysian Nuclear Agency Symposium, 11 July 2011. Malaysian Nuclear Agency, Bangi. MALAYSIA
12. *Twin Screw Extrusion Nanocomposite Based on Modified and Unmodified Cellulose Nanofibers,* Mehdi Jonoobi, Paridah Md Tahir and **Syeed SaifulAzry**. Proceedings of UPM-Malaysian Nuclear Agency Symposium. 11 July 2011. Malaysian Nuclear Agency, Bangi. MALAYSIA
13. *Basic Properties of Kenaf of Various Ages Planted at BRIS Soil.* **Syeed SaifulAzry**, Paridah Md, Tahir, Sabrina Abdul Salim and Siti Aniza Jailani. INTROP Research Colloquium, 14-16 December 2010, Pullman Lakeside Resorts, Putrajaya, MALAYSIA
14. *Development of Particleboard from Kenaf (*Hibiscus cannabinus L.*).* Juliana Abdul Halip, Paridah Md, Tahir, **Syeed SaifulAzry**, Khafizah Mat Nasib, and Norani Abd Karim. INTROP Research Colloquium, 14-16 December 2010, Pullman Lakeside Resorts, Putrajaya, MALAYSIA
15. *Upgrading of Commercial Manufacturing Capabilities of Fiber-Reinforced Plastic Composite (FRPC) Production Using Kenaf (*Hibiscus cannabinus L.*) for Interior Automotive Components.* **Syeed**

- SaifulAzry**, Paridah Md, Tahir, Jalaludin Harun, Khairul Zaman Mohd Dahlan, Mohd Lufti Mohd Tawil, Mohd Faizal Abdul Rahman, Khalina Abdan, Razak Rohany and Norfaryanti Kamarudin. INTROP Research Colloquium, 14-16 December 2010, Pullman Lakeside Resorts, Putrajaya, MALAYSIA
16. *Evaluation of Wood Basic Properties of 4-Year Old Rubberwood Clones from RRIM 2000 Series.* Paridah Md, Tahir, **Syeed SaifulAzry**, Jalaludin Harun, Zaidon Ashaari, Rahim Sudin and Abdul Samad Salleh. INTROP Research Colloquium, 14-16 December 2010, Pullman Lakeside Resorts, Putrajaya, MALAYSIA
 17. *Particleboard Performance Made from 4-year old Rubberwood Clones RRIM 2000 Series.* Paridah Md Tahir, **Syeed SaifulAzry**, Rahim Sudin, Jalaluddin Harun, Nor Yuziah Mohd Yunus, Abd Samad Salleh, Mohd Nasaruddin Mohd Aris. Seminar Perladangan Hutan Getah Kebangsaan 2008, 13-14 November 2008, Kuala Lumpur, MALAYSIA
 18. *Strength and Glue Bond Degradations of MDF and Particleboard After Being Exposed to Different Environment Condition.* **Syeed SaifulAzry**, Paridah Md Tahir, Zaidon Ashaari, Mohamad Jani Salleh, 8TH Pacific Rim Symposium 2006 Kuala Lumpur, MALAYSIA.
 19. *Physical and Mechanical Properties of 3-layer Particleboard Manufactured from New Rubber Tree Clone RRIM 2002 and Oil Palm Empty Fruit Bunch.* Paridah Md Tahir, **Syeed SaifulAzry**, Zaidon Ashaari, Sabiha Salim, Rahim Sudin, Abd Samad Salleh, Noryuziah Mohd Yunus, Mohd Khairun Anwar Uyup. Penang International Post Graduate Convention 2006: Life Science Post Graduate Conference USM Penang. MALAYSIA
 20. *Performance of Admixture Particleboard manufactured from New Rubber Tree Clone RRIM 2002 and Oil Palm Empty Fruit Bunch Blends.* Paridah Md Tahir, **Syeed SaifulAzry**, Wan Mohd Hanif, Abd Samad Salleh, Rahim Sudin, Noryuziah Mohd Yunus. International Advanced Technology Congress 2005: BioEngineering, Putrajaya Marriott Hotel, IOI Resort. MALAYSIA

BOOK/CHAPTER IN BOOK

1. **Syeed O.A. Saifulazry**, Teong G. Chuah, Md T. Paridah (2017). *Green Nanocomposites From Cellulose Nanowhiskers And Jatropha Oil-Based Polyurethane.* In Book Chapter Mohammad Jawaid Sami Boufi Abdul Khalil H.P.S. (2017) *Cellulose-Reinforced Nanofibre Composites Production, Properties And Application.* Woodhead Publishing Series In Composites Science And Engineering. Elsevier
2. **Syeed Saiful Azry Osman Al-Edrus**, Md. Tahir Paridah and Abdul Halip Juliana 2015. *Optimization of Admixture and Three-Layer Particleboard Made from Oil Palm Empty Fruit Bunch and Rubberwood Clones* In: K. R. Hakeem et al. (eds.), *Agricultural biomass based potential materials*, Springer International Publishing Switzerland 2015 505p. DOI 10.1007/978-3-319-13847-3_14
3. Ahmad Ainuddin Nuruddin, **Syeed SaifulAzry Osman Al-Edrus** and Nazlia Girun. *KENAF and allied Fibre Resources*, 2012. UPM Press
4. Norfaryanti K and **SaifulAzry S.O.A** 2012. *Malaysian Kenaf Industry Supply Chain.* In: Ahmad Ainuddin Nuruddin, Syeed SaifulAzry Osman Al-Edrus and Nazlia Girun. *KENAF and allied Fibre Resources*, pp. 14-22. UPM Press
5. **SaifulAzry S.O.A**, Paridah M.T., Jalaluddin H., Zaidon A., Rahim S. and Abd Samad S. 2011. *Properties of Young Wood from Rubberwood Clones: RRIM 2001, RRIM 2020 and RRIM 2025.* In : Zaiton Samdin, Norfaryanti Kamaruddin and Nor Azizah Haron, *Malaysian Forest Goods and Services.* pp 33-51. UPM Press
6. Norani A.K, Paridah M.T., Julian A.H. **Syeed SaifulAzry S.O.A** 2011. *Swelling Properties of Kenaf (Hibiscus cannabinus L) Particleboard.* In: Ahmad Ainuddin Nuruddin, Ainun Zuriyati Mohamed Asaari, Luqman Chuah Abdullah and Paridah Md Tahir. *Viable Biofibers for Future.* pp 132-141 . UPM Press
7. Juliana H., Paridah M. T., **SaifulAzry S.O.A**. 2009. *Utilization of Kenaf (Hibiscus cannabinus L.) and rubberwood (Heveabrasiliensis) blends in particleboard manufacture.* In: Paridah M. T., Luqman C.A., Faryanti K. (Eds.) *Kenaf Biocomposites, Biopolymers and Economics.* pp. 42-55. UPM Press