

CURRICULUM VITAE



| A. BUTIR-BUTIR PERIBADI (<i>Personal Details</i>) | | | |
|--|--|---------------------------------------|-------------------------------------|
| Nama Penuh (<i>Full Name</i>) | Nor Aini Ab Shukor | | Gelaran (<i>Title</i>): Prof Dr |
| No. MyKad / No. Pasport (<i>Mykad No. / Passport No.</i>) | Warganegara (<i>Citizenship</i>) Malaysian | Bangsa (<i>Race</i>) Malay | Jantina (<i>Gender</i>) Female |
| Jawatan (<i>Designation</i>) Profesor | | Tarikh Lahir (<i>Date of Birth</i>) | |

| | | |
|---|--|--|
| Alamat Semasa (<i>Current Address</i>) | Jabatan/Fakulti (<i>Department/Faculty</i>) | E-mel dan URL (<i>E-mail Address and URL</i>) |
| No 46, Jalan Allamanda, Bukit Belimbing, Balakong, 43300 Seri Kembangan, Selangor Tel: 03-89593700 | Department of Forest Management Faculty of Forestry University Putra Malaysia 43400 Serdang Selangor Tel: 03-89467186 Fax: 03-89432514 | E-mail: anishukor@yahoo.com dnoraini@putra.upm.edu.my URL: H/P: 012-3792324 |

| B. KELAYAKAN AKADEMIK (<i>Academic Qualification</i>) | | | |
|---|---|-----------------------------------|--|
| Nama Sijil / Kelayakan (<i>Certificate / Qualification obtained</i>) | Nama Sekolah Institusi (<i>Name of School / Institution</i>) | Tahun (<i>Year obtained</i>) | Bidang pengkhususan (<i>Area of Specialization</i>) |
| PhD | University of Wales, United Kingdom | 1988 | Plant Genetics |
| MSc | University of Wales, United Kingdom | 1985 | Genetics |
| BSc (Hons) | University Malaya | 1984 | Genetics |

| C. KEMAHIRAN BAHASA (<i>Language Proficiency</i>) | | | | | |
|--|--------------------------|----------------------------------|-------------------------|-----------------------------------|-----------------------------------|
| Bahasa / <i>Language</i> | Lemah <i>Poor (1)</i> | Sederhana <i>Moderate (2)</i> | Baik <i>Good (3)</i> | Amat Baik <i>Very good (4)</i> | Cemerlang <i>Excellent (5)</i> |
| English | | | | / | |
| Bahasa Melayu | | | | / | |
| Chinese | | | | | |
| Lain-lain (<i>other</i>): | | | | | |

D. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN*(Scientific experience and Specialisation)*

| <i>Organization</i> | <i>Position</i> | <i>Start Date</i> | <i>End Date</i> | <i>Expertise</i> |
|--|--|-------------------|-----------------|--|
| Imperial College, London | Research Fellow | 2009 | 2012 | Biotechnology and molecular biology |
| Institute of tropical Forestry and Forest Product (INTROP) | Head of laboratory | 2007 | 2010 | Bioresource Management and forest genetics |
| UPM | Editorial Board Member | 2007 | - | Genetics and Forestry |
| APAFRI Research Outreach (ARO) | Graduate Coordinator | 1998 | 2002 | Forest Genetics |
| Technical Forestry English (TFE): Canadian International Development Agency (CIDA) | Consultant, author, editor and trainer | 2000 | 2002 | Technical Forestry English |

E. PEKERJAAN *(Employment)*

| <i>Majikan / Employer</i> | <i>Jawatan / Designation</i> | <i>Jabatan / Department</i> | <i>Tarikh lantikan / Start Date</i> | <i>Tarikh tamat / Date Ended</i> |
|---------------------------|--|--|-------------------------------------|----------------------------------|
| UPM | Deputy Dean (Thesis) | School of Graduate Studies | 2016 | - |
| UPM | Deputy Dean (Academic and Finance Assistance) | School of Graduate Studies | 2013 | 2016 |
| UPM | Deputy Dean (Student Affairs, Learning Support and Alumni Section) | School of Graduate Studies | 2013 | 2014 |
| UPM | Professor | Department of Forest Production, Faculty of Forestry | 01/01/2006 | - |
| UPM | Head of Laboratory | Laboratory of Bioresource Management | 2007 | 2010 |
| UPM | Senate Member | Universiti Putra Malaysia | 2006 | 2010 |
| UPM | Chairperson Graduate Studies MS ISO 9001-2000 | Faculty of Forestry | 2003 | 2003 |
| UPM | Deputy Dean (Research and Graduates Studies) | Faculty of Forestry | 1999 | 2002 |
| UPM | Graduate Coordinator | Faculty of Forestry | 1997 | 2002 |
| UPM | Assoc. Prof. | Department of Forest Production Faculty of Forestry | 1996 | 2006 |
| UPM | Lecturer | Department of Forest Production Faculty of Forestry | 1989 | 1996 |
| UPM | Tutor | Tree Improvement and Genetics | 1984 | 1988 |

| F. ANUGERAH DAN HADIAH (Honours and Awards) | | | | |
|--|--------------|------------------------|--|-------------|
| <i>Name of awards</i> | <i>Title</i> | <i>Award Authority</i> | <i>Award Type</i> | <i>Year</i> |
| <i>Academic Awards</i> | | MOSTI | BioMalaysia Research Exhibition (silver medal) | 2009 |
| <i>Academic Awards</i> | | UPM | Invention & Research Exhibition (2 Gold + 1 Bronze medals) | 2008 |
| | | UPM | Invention & Research Exhibition (5 Gold medals) | 2007 |
| | | JSPS (Japan) | Research and Travel Grant | 2005 |
| | | UPM | Invention & Research Exhibition (2 Bronze medals) | 2003 |
| | | UPM | Invention & Research Exhibition (1 Gold medal) | 2002 |
| | | Monbusho Japan | International Fellowship | 1995 |
| | | British Council | Chevening Award | 1995 |
| | | Commenwealth | Research Grant | 1994 |
| <i>Non-Academic Awards</i> | | UPM | Excellence Service Award | 2000 -2010 |
| | | UPM | Excellence Service Award | 2013-2015 |

| G. BILANGAN PELAJAR SISWAZAH (PENYELIAAN) Number of Postgraduate Students Supervised | | |
|---|------------|---------------|
| Postgraduate | PhD | Master |
| Graduated | 12 | 27 |
| Ongoing | 8 | 7 |

| H. SENARAI PENERBITAN (Sila masukan nama pengarang, tajuk, nama jurnal, jilid, muka surat dan tahun diterbitkan) (List of publications – author (s), title, journal, volume, page and year published) | |
|--|--|
| <i>Journal</i> | <p>HALIZA ISMAIL, SURES KUMAR MUNIANDI, AZIAH MOHD YUSOFF, NOR HASNIDA HASSAN, NOR AINI AB SHUKOR. (2016). <i>In Vitro</i> Micropropagation of <i>Acacia Auriculiformis</i> From Selected Juvenile Sources. <i>Dendrobiology</i>, 75, 157-165.</p> <p>SURES KUMAR M, PARAMESWARI N, FOAN C.C and NOR AINI A.S (2016) Selection and Screening of Superior Genotypes for Quality Planting Stock Based on Vegetative Growth Performance of Some Selected 12 year-old <i>Acacia</i> Species. <i>Open Journal of Forestry</i>. (Accepted 29th December 2015. Paper ID :1620343)</p> <p>SURES KUMAR M, PARAMESWARI N, FOAN C.C and NOR AINI A.S (2016) Additives Enhance Multiple Shoot Induction in <i>In Vitro</i> Regeneration of Superior Genotypes of <i>Acacia</i> Hybrid (<i>Acacia Mangium</i> x <i>Acacia Auriculiformis</i>). <i>American Journal of Plant Sciences</i> (AJPS). (Accepted 30th December 2015. Paper ID :2602514)</p> <p>SURES KUMAR M., PARAMESWARI N, CHIN C.F AND NOR AINI A S (2016). Coppicing Abilities Of 12-Year-Old Selected <i>Acacia</i> Species Decapitated Trunks.</p> |

Journal Of Fundamental And Applied Sciences (Submitted)

SURES KUMAR M. AND NOR AINI A S (2016). Exogenous Application Of Gibberellin Acid As Foliar Spray On Some Selected Kenaf (*Hibiscus Cannabinus L.*) Varieties With Respect To Morphological Changes, Yield And Flowering Habit. *Journal Of Environmental Sciences* (Submitted)

AHMAD ELDOMA, SURES KUMAR MUNIANDI AND NOR AINI AB SHUKOR.(2015). Stimulation of Multiple Leader Formation in Some Genotypes of *A. mangium* and *A. auriculiformis* with 6-Benzylaminopurine (BAP). *Open Journal of Forestry* 5, 637-650.

SAMANTHI PRIYANKA WITHANAGE, MD AKTAR HOSSAIN, SURES KUMAR MUNIANDI, HAIRUL AZMAN B ROSLAN, MOHAMMAD PUAD ABDULLAH, SUHAIMI B. NAPIS and NOR AINI AB. SHUKOR (2015) Overexpression of *Arabidopsis thaliana* gibberelic acid 20 oxydase (AtGA20ox) gene enhance the vegetative growth and fiber quality in Kenaf (*Hibiscus Cannabinus L.*) plants. *Breeding Science* 65: 1–15.

AHMAD MOHAMED ADAM ELDOMA, SURES KUMAR MUNIANDI and NOR AINI AB SHUKOR (2015) Effects of site burning on multiple leader formation and growth performance of selected Acacia genotypes. *American Journal of Plant Sciences* 6: 777-784.

BINU M TRIPATHI, MINCHEOL KIM, RYUNOSUKE TATENO, WOOSUNG KIM, JIANJUN WANG, ANG LAI-HOE, NORAINI A SHUKOR , RAHA A. RAHIM,RUSEA GO, JONATHAN M ADAMS (2015). Soil pH and biome are both key determinants of soil archaeal community structure. *Soil Biology and Biochemistry*, 88:1-8.

NOZAD ALI QADER, SURES KUMAR M. AND NOR AINI AB SHUKOR. (2014) Multiple shoot induction of selected genotypes of *Eucalyptus camaldulensis* DEHN. *The malaysian forester* 77 (2): 73-86

SOHAG MIAH, UMME HABIBA, SM SIRAJUL HAQUE, WAHHIDA SHUMI, ARIPI AB DU, NOR AINI AB SHUKOR AND MD AKTAR HOSSAIN (2014) Effects of deforestation on physico chemical properties and microbial population of soils in the tropical forest of a south east Asian country. *Journal of Food, Agriculture and Environment*. 12(12): 986-991.

BINU M TRIPATHI, LARISA LEE-CRUZ, MINCHEOL KIM, DHARMESH SINGH, RUSEA GO, NORAINI A SHUKOR, M H A HUSNI, JONGSIK CHUN, JONATHAN M ADAMS (2014) Spatial Scaling Effects on Soil Bacterial Communities in Malaysian Tropical Forests. *Microbial Ecology*, 67(2): 1-12

MD AKTAR HOSSAIN, MOHAMMAD SALAH UDDIN, WAHHIDA SHUMI and NOR AINI AB SHUKOR (2014) Depulping of Fruits and Soaking Seeds Enhances the Seed Germination and Initial Growth Performance of *Terminalia belerica* Roxb Seedlings. *American Journal of Plant Sciences* 5:714-725

MD AKTAR HOSSAIN, JEBIN FERDOUS, M. ABDUL RAHMAN AND NOR AINI AB SHUKOR (2014) Towards the propagation of a critically endangered tree species *Anisoptera scaphula*. *Dendrobiology* 71: 137-148

NOZAD ALI QADER, NOR AINI AB SHUKOR AND ADLIN SABRINA MUHD. ROSELEY (2014) Selection of Plus Tree Based on Growth Performance and Fiber Morphology Characteristics as Improved Sources for Propagation of *Eucalyptus camaldulensis*. *American Journal of Plant Sciences* 5 (9): 1329-1335

KOLAPO, O.K., WAHAB, M.K.A., HOSSAIN M.A, ADEBOLA, A.O and SHUKOR N.A.A (2014). *Albizia saman* (jacq. Mull) leaves enhances the soil chemical properties and vegetative growth of maize (*Zea mays*) in a biomass transfer. *Research on Crop*. 15(4): 768-774.

HAIDER, M.R, ALAM M.S, HOSSAIN M.A and SHUKOR N.A.A. (2014). Impact of pre-sowing treatment on seed germination and seedlings growth attributes of *Calamus longisetus* Griff. At nursery and field condition in Bangladesh. *Food, agriculture and Environment*, 12 (3&4) : 395-399

GRIFFIN AKENG, SURES KUMAR M AND NOR AINI AB SHUKOR (2014). In vitro regeneration of *Acacia crassicarpa* A. Cunn Ex Benth through organogenesis from juvenile sources. *Journal of Food, Agriculture and Environment*. 12(3&4): 375-382.

AHMAD ELDOMA AND NOR AINI AB SHUKOR.(2014). Effects of Site Burning on Multiple Leader Formation and Growth Performance of Selected *Acacia* Genotypes. *Dendrobiology(in press)*

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TRIPATHI B.M., KIM,M., ANG L.H., NOR AINI A.S., RAHA A.R., RUSEA G. AND ADAMS J.M. (2013). pH dominates variation in tropical soil archaeal diversity and community structure. *FEMS Microbiology Ecology* 86: 303-11

SAMANTHI P.W., MOHD PUAD A., SUHAIMI, N. SURES KUMAR M. AND NOR AINI A.S. (2013). *In vitro* shoot regeneration from leaf explants of Kenaf(*Hibiscus cannabinus* L.). *Sains Malaysiana* 42(10): 1523-1528

RUZANA ADIBAH M.S., NOR AINI A.S. AND MOHD ROSLAN S. (2013) .Anti-inflammatory Effects of *Labisia pumila* (Bl.) F. Vill Naves. Aqueous Extract *Sains Malaysiana*42(10):1529-1534

AZIAH M.Y., NOR AINI A.S. , KAMIS A. AND MIHDZAR A. K. (2013). Incidence of Fern Contamination in Nodal Segment Cultures of *Shorea parvifolia* Dyer. *PERTANIKA Journal of Tropical Agricultural Science*. 36 (S): 67-78

NOR AINI, A.S., PARIDAH, M.T., MOHD FAISAL, J. AND ADLIN, S.M.R(2013) Evaluation of Selected Physical and Mechanical Properties of Multiple Leader *Acacia crassicarpa* A. Cunn. Ex. Benth. Genotypes. *PERTANIKA Journal of Tropical Agricultural Science*. 36 (S):311-320

YOON MYUNG OH & MINCHEOL KIM & LARISA LEE-CRUZ & ANG LAI-HOE & RUSEA GO & N. AINUDDIN & RAHA ABDUL RAHIM & NORAINI SHUKOR & JONATHAN M. ADAMS. (2012): Distinctive bacterial communities in the rhizosphere of four tropical tree species, *Microbial ecology* ,64(4): 1018-1027

TRIPATHI B. M., M. KIM , L. LEE-CRUZ , R. GO , AINUDDIN A.N. , SHUKOR N. , L.H. ANG , J. CHUN & J.M. ADAMS. (2012). No biogeography in the rainforest? Scale-independence of soil bacterial communities in Malaysian tropical forests. *Microbial ecology* 67 (2): 237- 488.

HALIZA, I., NORAINI AB SHUKOR, AZIAH MOHD YUSOFF, NOR HASNIDA HASSAN, FADHILAH ZAINUDIN, NAZIRAH ABDULLAH AND SITI SUHAILA ABDUL RAHMAN. (2012). *In vitro* shoot induction of *Acacia auriculiformis* from juvenile and mature sources. *E3 Journal of Biotechnology and Pharmaceutical Research*,3 (5): 88-93

SAFIAH, A., NOR SUHAILA, D., LIZAWATI, I. AND NOR AINI A. S. 2011. Screening Susceptibility of *Hevea* Progenies from PB 5/51 XIAN 873 to Two Races of *Corynespora cassiicola*. *Journal of Rubber Research*.14(2): 110-122.

TAHERY, Y., NOR AINI AB SHUKOR, HAZANDY ABDUL-HAMID, MOHD PUAD ABDULLAH AND NORLIA B. 2011. Effect of Root Knot Nematode on Growth and Agronomic Traits of *Hibiscus cannabinus* L. Varieties. *World Applied Science Journal*, 15(11): 1537 – 1546

TAHERY, Y, NOR AINI AB SHUKOR AND HAZANDY ABDUL-HAMID. 2011 Comparative water relation of three varieties of *Hibiscus cannabinus* L. (kenaf). *African Journal of Biotechnology*, 10 (63): 13797 – 13801

TAHERY, Y., NOR AINI AB SHUKOR, HAZANDY ABDUL-HAMID AND NORLIA, B. 2011. Growth characteristics and biomass production of kenaf . *African Journal of Biotechnology*, 10(63): 13756 - 13761

TAHERY, Y., NOR AINI AB SHUKOR, HAZANDY ABDUL-HAMID, MOHD PUAD ABDULLAH AND NORLIA B. 2011. Status of Root Knot Nematode Disease on Kenaf Cultivated on Bris Soil in Kuala Terengganu, Malaysia. *World Applied Science Journal*, 15(9): -1287 -1295

TAHERY, Y., MOHD PUAD, A., NORLIA, B., KAFILZADEH, F., AND NOR AINI AB SHUKOR. 2010. Terminal Flower 1 (TLF1) Homolog Genes in monocot. *European Journal of Scientific Research*. 38(1):26-37.

NOR AINI, A.S, GUANIH, V.S. AND ISMAIL, P .2010. Effect of Cutting positions and Growth Regulators on Rooting Ability of *Gonystylus bancanus*. *African Journal of Plant Science*.4(8):290-295.

TAHERY, Y., NOR AINI AB SHUKOR., HAZANDY HAMID, MOHD PUAD, A., NORLIA, B., KAFILZADEH, F. 2010. Function and Expression pattern of Terminal Flower1 (TFL 1) genes in Dicot Plants. *Middle East Journal of Scientific Research*, 6 (3): 293-304

SRI RAHAYU, LEE, S.S., NOR AINI, A.B. 2010. *Uromycladium tepperianum*, the gall rust fungus from *Falcataria moluccana* in Malaysia and Indonesia. *Mycoscience* 51: 149-153

JONATHAN, M. A., YANGJIAN, Z., BASRI, M. AND NORAINI, A.S. 2009. Do tropical forest leaves suffer more insect herbivory? A comparison of tropical versus temperate herbivory estimated from leaf litter. *Ecol Res* (2009) 24:1381–1392.

SUMIKO MINOBE, SHINGO FUKUI, RUMIKO SAIKI, TADASHI KAJITA, SUCHITRA CHANGTRAGOON, NOR-AINI AB-SHUKOR, A.LATIFF, B.R RAMESH, OSAMU KOIZUMI AND TSUNEYUKI YAMAZAKI. 2010. Highly Differentiated Population Structure of a Mangrove Species, *Bruguiera gymnorhiza* (*Rhizophoraceae*) Revealed by one nuclear *GapCp* and one Chloroplast Intergenic Spacer *trnF-trnL*. *Conservation genetics* 11: 301-310

NOR AINI, A.S, GOH B.L AND RIDZUAN R. 2009. The effect of different indole-3-butyric acid (IBA) concentration, two light regimes of *in vitro* rooting and

acclimatization of in vitro teak (*Tectona grandis* L.f) plantlets. African Journal of Biotechnology 8:6158-6161

HAZANDY ABDUL-HAMID, MOHD-HAZIMY YUSOFF, NOR-AINI AB-SHUKOR, BAHAROM ZAINAL AND MOHAMED-HANAFI MUSA. 2009. Effect of Different Fertilizer Application Level on Growth and Phenology of *Hibiscus cannabinus* L. (Kenaf) Planted on BRIS soil Journal of Agricultural Science 1(1):121-131.

P.S. H'NG, B.N. KHOR, N. TADASHI, A.S.N. AINI and M.T.PARIDAH 2009. Anatomical Structures and Fiber Morphology of Different Kenaf Varieties. Asian Journal of Scientific Research 2(3): 161-166.

HAZANDY A.H., NOR AINI, A.B., SAPARI, M., ABDUL LATIF, S. and KAMARUZAMAN, J. 2009. Effects of waterlogging on Growth and Physiology of *Hopea odorata* Roxb. International Journal of Biology 1 (2): 87-93.

HAZANDY ABDUL-HAMID, NOR-AINI AB-SHUKOR and ABDUL LATIF SENIN. 2008. Morphometric and Genetic Variation of Six Seed Sources of *Azadirachta excelsa* (Jack) Jacobs. Journal of Biological Sciences 8 (4): 702-712

NOR AINI AB SHUKOR, MOHD BASRI HAMZAH, HAZANDY ABDUL HAMID, MOHD FADZHEL MOHD NASIR 2008. Growth and Phenology of Kenaf (*Hibiscus cannabinus* L.) varieties Journal of Tropical Agricultural Science. 32 (1):29-33

HAZANDY, A. H., MENCUCCINI M., and NOR AINI AB SHUKOR. 2008 "Net Primary Productivity of Forest: A Review of Current Issue" Journal of Tropical Agricultural Science. 32(2):111-123

NOBUYUKI INOMATA, TSUNEYUKI YAMAZAKI, NOR AINI AB SHUKOR, HIROKO ISHIYAMA and ALFRED E. SZMIDT. 2008. Demographic history and interspecific hybridization of four *Shorea* species (Dipterocarpaceae) from Peninsular Malaysia inferred from nucleotide polymorphism in nuclear gene regions. Canadian Journal of Forest Research, 38: 997 - 1007.

NOR AINI AB. SHUKOR., JUDE E.J., AZIAH M.Y. and MIHDZAR A.K. 2008. Defoliation of *In Vitro* Shootlets of *Azadirachta excelsa* (Jack) M. Jacobs – A Possible Solution. The Malaysian Forester 71 (1): 33-37.

NOR AINI, A. S., MERRINA, A. STANSLAS, J. and SREERAMANAN S. 2008. Cytotoxic potential on breast cancer cells using selected forest species found in Malaysia. International Cancer Research Journal 4(3): 103- 109

SRI RAHAYU, NOR AINI AB SHUKOR, LEE SS, GHIZAN SALLEH, AHMAD SAID SAJAP. 2008. Responses of *Falcataria mokuccana* Seedlings of Different Seed Sources to Inoculation With *Uromykladium Tepperianum*. *Silvae Genetica Journal* ,58 (1-2): 62 -67.

ABDUL LATIF, S. NOR AINI AB SHUKOR, HAZANDY, A.H. and KAMIS, A. 2007. 18 Month-old Growth Performance of Four Selected Important Acacia Species Provenance Trial. The Malaysian Forester 70(1): 1-10

LINATOC, A.C., FARIDAH-HANUM, I., SAHRI, M.H., NOR AINI AB. SHUKOR, MOHD. ZAKI. H., and LATIFF, A. 2006. Phylogenetic relationship of *Mangifera* L. in Malay Peninsula: Evidence from morphology, anatomy and chloroplast DNA. The Malaysian Forester, 69(1): 82-105

NOR AINI AB SHUKOR and LOO KIEN SEONG. 2006. Azadirachta Variations of Six Provenances of *Azadirachta excelsa* (Jack) Jacob. Journal of Biological Sciences 9 (5) : 833-836

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| | <p>NOR AINI AB SHUKOR, TEE K.C. and JOHN KEEN C. 2006. Isozyme Variation and Relationship of Selected Acacia Species. <i>Journal of Biological Sciences</i>, 9(6): 1047 -1051</p> |
| <i>Books/Monographs</i> | <p>Prof. Dr. Nor Aini Ab Shukor. 2015 Inaugural Lecture Series. The (Un)Straight Truth About Trees. 6th November 2015. UPM Press.</p> <p>Sri Rahayu, Nor Aini Ab Shukor and Lee Su See (2011). Gall Rust Disease of <i>Falcataria moluccana</i>, Characterization of the pathogen, Environmental condition supported, Genetic Relationship and Screening for Resistance, LAP LAMBERT Academic Publishing</p> |
| <i>Chapter in book</i> | <p>Nor Aini Ab. Shukor 2014. Chapter 13: Tree Improvement Introductory to Forest science. In <i>Introductory Forest Science</i> Ratnasingam J., See L.F. and Ibrahim F.H. (eds.). Universiti Putra Malaysia Press, Selangor. pp171.</p> <p>Nor Aini Ab. Shukor, Hazandy Abdul Hamid, and Mohd. Fadzhel Mohd Nasir.2011. Plant Fibers as Renewable Feedstocks for Biofuel and Bio-based Products: Chapter 16: Growth, Flowering and Seed Production of Kenaf (<i>Hibiscus cannabinus</i> L.) Varieties: CCG International Inc. St. Paul, USA. Edited by Charles L. Webber III, Aimin Liu</p> <p>Paridah MD Tahir, Nor aini Ab Shukor, Jallaluddin harun and khalina Abdan, (2009). kenaf –A journey towards energizing the biocomposite industry in Malaysia. In <i>Kenaf biocomposites, derivatives & economics</i>. Paridah, MD Tahir, Luqman Chuah Abdollah, Norfaryanti Kamaruddin.Pustaka Prinsip Sdn. Bhd, Kuala Lumpur.</p> <p>Nor Aini Ab. Shukor. 2001. Biochemical markers in plant genetic resources characterization (Chapter 15). In: <i>Establishment and Management of Field Genebank. A Training Manual</i>. (Mohd Said Saad and V. Ramanatha Rao. (Eds.). IPGRI-APO, Serdang, Selangor.</p> |
| <i>Proceedings</i> | <p>Nor Aini Ab Shukor, Hassain M.A., Muniandi S.K., Puad Abdullah, and Norlia B. 2016. Exogenous application of Gibberellic Acid affects the growth, morphology and fiber quality of Kenaf (<i>Hibiscus cannabinus</i>) plants. <i>International Conference on Sustainable Forest Development in View of Climate Change</i>, 8-11 August 2016, Universiti Putra Malaysia, Malaysia.</p> <p>Hossain M.A., Muniandi S.A., Gandaseca S., Maheeran A., and Nor Aini A.S. 2016. Mass clonal propagation of a thick walled bamboo species (<i>Dendrocalamus asper</i>) with a simple inexpensive method. <i>International Conference on Sustainable Forest Development in View of Climate Change</i>, 8-11 August 2016, Universiti Putra Malaysia, Malaysia.</p> <p>Hossain M.A., Ferdous, J., Rahman, M.A., Shukor, N.A.A., and Azad, M.A.K. 2013. An approach towards the regeneration of Critically endangered tree species in Bangladesh- Regeneration of <i>Anisoptera scapula</i>. <i>Proceeding of International Forestry Graduate Students Conference</i>, 2-4 July 2013, Universiti Putra Malaysia, Malaysia.</p> <p>Qader N. A. and Shukor, N.A.A. 2013. Selection of <i>Eucalyptus camaldulensis</i> for printing paper Industry. <i>Proceeding of International Forestry Graduate Students Conference</i>, 2-4 July 2013, Universiti Putra Malaysia, Malaysia.</p> <p>Hossain M.A., Dey, J., Rahman, M.A. and Shukor, N.A.A. 2014. Propagation of <i>Entada rheedii</i>: a threatened climber species in Bangladesh with extremely thick and hard seed coat. Paper presented in the 24th IUFRO world congress 2014 in salt Lake City, USA on 5-11 October 2014.</p> |

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| | <p>Hossain M.A., Muniandi, S.K., Abdullah, A.P., Malek, N.A. and Shukor, N.A.A. 2014. Effects of Exogenous GA3 Application on Growth and Fiber Quality of Selected Varieties Kenaf (<i>Hibiscus cannabinus</i> L.) Plants. Paper presented in the 24th IUFRO world congress 2014 in salt Lake City, USA on 5-11 October 2014.</p> <p>Hossain M.A., Dey, J., Rahman, M.A. and Shukor, N.A.A. 2014. Clonal Propagation of Endangered Gymnosperm Tree Species; <i>Podocarpus neniifolius</i> by stem cutting in non-mist propagator. Paper accepted for presenting in the National Arboriculture Conference (NAC) 2014 in Palm Garden Hotel, Putrajaya on 2-4th December 2014.</p> |
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| H. PROJEK PENYELIDIKAN TERDAHULU (<i>Past Research Project</i>) | | | | | |
|--|---|----------------|-------------|-----------------------|---------------|
| <i>Project No.</i> | <i>Project Title</i> | <i>Role</i> | <i>Year</i> | <i>Source of fund</i> | <i>Status</i> |
| FRGS FRGS 2014-2 | Genetic Modification of Kenaf (<i>Hibiscus cannabinus</i> L.) for enhanced growth and Fiber quality | Project Leader | 2014-2016 | MOHE | On going |
| GP-IBT /2013/94078009407800 | Development of Mass Clonal propagation of Selected Thick Walled Bamboo Species for Industrial Uses in Malaysia | Project Leader | 2013-2015 | UPM | On going |
| ERGS 1-2012/5527100 | Gibberellic acid (GA) in regulating vegetative and reproductive development of selected Kenaf (<i>Hibiscus cannabinus</i> L.) genotypes. | Project leader | 2012-2015 | MOHE | Completed |
| RUGs/03-02-12-1733RU | Propagation and Selection of Improved Materials of <i>Eucalyptus sp</i> for Industrial Uses | Project leader | 2012-2014 | UPM | Completed |
| RUGs/03-02-12-1734RU | Micropropagation of Improved materials of <i>Eucalyptus</i> for Printing paper purposes | Project leader | 2012-2014 | UPM | Completed |
| | Genetic improvement and Management of Kenaf for fiber Production | Project leader | 2007-2009 | UPM | Completed |
| | Over expression of Gibberellin 20 oxidase gene for increase of cellulose fiber length in Kenaf (<i>Hibiscus cannabinus</i> L.). | Project leader | 2008-2010 | MOHE | Completed |
| | Genetic Diversity of English Yew (<i>Taxus baccata</i>) for Taxol production. | Member | 2010 | Gorgon University | Completed |

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|-----------------|---|----------------|-----------|-------|-----------|
| | Genetic Improvement and Management of <i>Hibiscus cannabinus</i> for fibre production | Project leader | 2009 | UPM | Completed |
| 01-01-07-069 FR | Production of improved genotypes of <i>Aquilaria</i> species | Project leader | 2008-2011 | MOHE | Completed |
| | Quantification of Biomass Production and Carbon Sequestration in Planted Indigenous and Exotic Forest | Member | 2007-2011 | MOSTI | Completed |
| | Production of hybrid Kenaf by cross-hybridization between several Kenafs | Project leader | 2008 | JSPS | Completed |
| | Genetic linkage and QTL mapping of <i>Hevea</i> latex-timber clone | Member | 2007-2010 | MOSTI | Completed |
| 05-01-04-SF0652 | Selection and propagation of selected multipurpose tree species (MPTS) | Project leader | 2004-2007 | MOSTI | Completed |