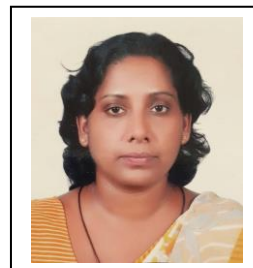


Curriculum Vitae

S.A.C.N. Perera (PhD, BSc, FI Biol)

Professor/Department of Agricultural Biology

Faculty of Agriculture/University of Peradeniya/Sri Lanka



1. Personal Information

Name with initials: S.A.C.N. Perera

Full name: Suriya Arachchige Chandrika Nishanthi Perera

Date of birth: 03.10.1968

Nationality: Sri Lankan

Contact details:

Official address: Department of Agricultural Biology
Faculty of Agriculture, University of Peradeniya
Peradeniya, 20400, Sri Lanka.

Telephone: Office (+) 94 81 239 5224

Mobile (+) 94 77 908 1805

e-mail: chandrikaperera@agri.pdn.ac.lk / chandrikaperera2003@yahoo.com

2. Educational Qualifications

Postdoctoral Fellowship - 2005

Postdoctoral fellowship from the Bioversity International to validate high-throughput molecular marker assay 'Diversity Array Technology (DART) in orphan crops (coconut)' at Diversity Array Technology (Pty) Ltd. Canberra, Australia.

Postgraduate qualifications - PhD: Genetics and Plant Breeding - 2005

The University of Birmingham, United Kingdom.

Title of PhD thesis: Fine Mapping of Quantitative Trait Loci and Gene Expression Studies of Arabidopsis using Stepped Aligned Recombinant Inbred Strains

Undergraduate Qualifications - 1996

BSc (Agriculture) – special (1996). Second class upper division honours

Faculty of Agriculture, University of Peradeniya, Sri Lanka.

Final year research project: *In vitro* propagation of *Diospyros ebenum* via callus, auxiliary bud and cell suspension cultures.

Language Proficiency

Competent in reading, writing and speaking in Sinhalese and English.

3. Employment and Promotion Record

- Professor – Department of Agricultural Biology, Faculty of Agriculture, University of Peradeniya, Sri Lanka (From 20th January 2021 to-date)
- Senior Lecturer (Gr1) – Department of Agricultural Biology, Faculty of Agriculture, University of Peradeniya, Sri Lanka (From 01st March 2017 to 20th January 2021)
- Principal Research Officer – Genetics and Plant Breeding Division, Coconut Research Institute of Sri Lanka (From 02nd January 2012 to 28th February 2017).
- Senior Research Officer - Genetics and Plant Breeding Division, Coconut Research Institute of Sri Lanka (From 15th September 2005 to 01st January, 2012).
- Research Officer (Geneticist & Plant Breeder) - Genetics and Plant Breeding Division, Coconut Research Institute of Sri Lanka (From 15th September 1997 to 14th September 2005).
- Temporary Research Assistant- Department of Crop Science, Faculty of Agriculture, University of Peradeniya (from 01st August,1996 to 30th April 1997).

4. Professional Experience

4.1 Teaching at Undergraduate and Postgraduate Level

- (i) Professor/Senior Lecturer in Agricultural Biology related disciplines at the Faculty of Agriculture, University of Peradeniya from 01st March, 2017 to-date.
- (ii) Visiting lecturer at the Post Graduate Institute of Agriculture, University of Peradeniya 2017 to-date.
- (iii) Visiting lecturer/Moderator/Second Examiner in Plant breeding/Biosciences/Agricultural Biology related disciplines, Genoma mapping, Developmental Genetics, Plant Genetic resources, at the Universities of Sri Jayawardenepura (2009 to-date), Uva Wellassa University (2012-2021), Rajarata University of Sri Lanka 2012 to 2017, University of Colombo (2018 to date) and South Eastern University of Sri Lanka (2022).
- (iv) Moderator/Second Examiner in Pharmacognosy at General Sir John Kotelawala Defence University (2018-2021).
- (v) Lesson writer and editor of distance learning course modules on Plant Breeding/Plant Molecular Biology, Biotechnology and Developmental Genetics at the Open University of Sri Lanka.

4.2 Research Interests and Experience

Research experience for over 20 years in,

- Genetics and Plant breeding research using both conventional and molecular approaches in perennial plantation crops and field crops. Pioneering research on breeding perennial crop coconut for Biotic stresses. Pioneering research on developing marker trait associations in economically important tree crops.
- Collection, conservation, characterization & evaluation and utilization of crop germplasm.
- Floral biology in perennial tree crops; palms, tea and *Syzygium* species.
- Validating and application of molecular marker systems in genetically improving crop species.

- Molecular biological applications in identification and managing of intra-cellular and other pathogens in coconut, tea and rice.

4.3 Postgraduate Research supervision

Supervision of PhD research projects (completed)

- 1) PhD research project titled, 'Molecular and morphological assessment of genetic diversity and drought stress related transcriptome screening of exsitu conserved sorghum (*Sorghum bicolor* (L.) Moench) accessions in Sri Lanka' of Mr. D.V.S. Kaluthanthri – University of Sri Jayawardenepura (2018-2021).
- 2) PhD research project titled, 'Study on flowering and fruiting behaviour of tea seed gardens' of Mr. J.H.N. Piyasundara- Post Graduate Institute of Agriculture, University of Peradeniya (2014-2019).
- 3) PhD Research project titled, 'Genetic diversity and population structure of *exsitu* conserved finger millet [*Eleusine coracana* (L.)] accessions of Sri Lanka' of Ms. P.W. Wakista– University of Sri Jayawardenepura (2013-2018).

Supervision of MPhil research projects (completed)

- 4) MPhil Research project titled, 'Determination of the genetic structure of yellow dwarf coconut populations in Sri Lanka' of Ms. L. C. J. Kamaral – University of Sri Jayawardenepura (2012-2014).
- 5) MPhil research project titled 'Identification of novel coconut phenotypes in Southern Sri Lanka and assessment of molecular and morphological diversity of the new coconut forms' of Mr. G.K. Ekanayake - University of Sri Jayawardenepura (2007-2010).

5. Academic and Professional Recognition

5.1 Awards

1. National Award for Excellence in Agricultural Research for the research project titled, 'Tagging of blister blight disease resistant genes and characterization of recommended tea (*Camellia sinensis* L.) cultivars using SSR markers' conducted by the team; K.M. Mewan, O.V.D.S.J. Weerasena, K.H.T. Karunarathna, S.A.C.N. Perera, I.S.B. Abeysinghe and E.N.U. Edirisinghe (2021).
2. National Award for Excellence in Agricultural Research for the research project titled, 'Evaluation of Sri Lankan rice germplasm for *Xa21* mediated bacterial blight resistance'

conducted by the team; K.K.D.V. Jayatilake, S.A.C.N. Perera, H.M.V.G. Herath, W.D.P. Weerasinghe, N.H.L.D.L.D. Nanayakkara, I.K. Edirisinghe, L. Dissanayake and L.D.B. Suriyagoda (2021).

3. Annual Research Excellence Awards (AREA) awarded by the Faculty of Agriculture, University of Peradeniya under category II (Senior Lecturer) (2020).
4. Best paper and the presentation award in the coconut sector at the 6th Plantation Crops Research Symposium for the publication, 'Marker assisted selection of coconut'. Authored by S.A.C.N. Perera, H.M.N.B. Herath, K.N.S. Perera and W.B.S. Fernando, and presented by S.A.C.N. Perera (2016).
5. Award for Excellence in Research at the Coconut Research Institute of Sri Lanka during 2014-2015.
6. SUSRED (Award for post-graduate student supervision) awarded by the National Science Foundation of Sri Lanka for supervision of MPhil research of Ms. L.C.J. Kamaral – 2015.
7. Award for Excellence in Research at Coconut Research Institute of Sri Lanka during 2012-2013.
8. National Award for Excellence in Agricultural Research for the research project titled, 'Assessment of the genetic diversity of coconut with special reference to phenotypes in the Southern province of Sri Lanka' conducted by the team; S.A.C.N. Perera, G.K. Ekanayake, P.N. Dassanayaka and J.M.D.T. Everard (2014).
9. Best paper and the presentation award in the coconut sector at the 5th Plantation Crops Research Symposium for the publication, 'Characterization of newly classified coconut forms in Sri Lanka for fruit morphology and variation at SSR marker loci', authored by S.A.C.N. Perera, G.K. Ekanayake, P.N. Dassanayaka and J.M.D.T. Everard and presented by S.A.C.N. Perera (2014).
10. Best paper award in the coconut sector at the 2nd Plantation Crops Research Symposium, for the paper titled "Evaluation of the comparative performance of five commercial coconut cultivars under two different agro-ecological zones in Sri Lanka" authored by, H.D.M.A.C. Dissanayaka, S.A.C.N. Perera, W.B.S. Fernando, R.B. Attanayake, M.G.M.K. Meegahakumbura and L. Perera (2008).
11. Best paper and the presentation award for the paper titled, 'More precise QTL mapping using Stepped Aligned Recombinant Inbred Strains' authored by S.A.C.N. Perera, T.M. Wilkes and M.J. Kearsey' in the Genetics and Breeding session of the 18th annual congress (2006) of the Post Graduate Institute of Agriculture, University of Peradeniya (2006).

12. Visiting Scientist (Post-doctoral) fellowship offered by the Generation Challenge Programme of the International Plant Genetic Resources Institute to validate Diversity Array Technology (DArT) markers for coconut at the Diversity Array Technology (Pty) Limited, Canberra, Australia (2005).
13. Scholarship from the Asian Development Bank, Human Resource Development Project for doctoral studies at the University of Birmingham, United Kingdom (2001-2004).

5.2 Resource Person in National and International Academic & Research Fora and Extension Programmes

Served as a resource person and delivered a lecture on “Fine mapping and marker assisted breeding” at the short course on “Using molecular markers for improving the efficiency of plant breeding in Sri Lanka” Organized by SLCARP and Michigan State University, USA and held from 6-8 th December, 2006 at CARP Auditorium, Colombo.
Served as a resource person and delivered a lecture on “Genome mapping and applications” at the workshop on “Application of modern biotechnology in plant genetic resources analysis & plant breeding” organized by SLCARP, for the research scientists of the Department of Agriculture, held from 19-20 th November 2006 and held at PGRC, Gannoruwa, Peradeniya.
Served as a resource person and delivered a lecture on ‘Introduction to gene flow as a major aspect of risk assessment & management’ at the workshop on Bio-Safety: Status verification and risk assessment at National Level, organized by the SLCARP, Ministry of Environment and the National Science Foundation, held from 24-26 th November, 2009 at Hector Kobbekaduwa Agrarian Services Institute, Colombo.
Served as a resource person and delivered lectures on ‘Genome mapping’ and ‘Molecular diversity analytical software’ at the National Workshop on “Application of biotechnologies in plants and pathogens”, jointly organized by SLCARP and CRI and sponsored by FAO from 1-5 th December, 2008, CRI, Lunuwila.
Served as a resource person in the workshop on ‘Gene/QTL mapping in plants’ organized by the Department of Biotechnology of the Wayamba University of Sri Lanka for the academia and researchers of the national research organizations and held from 8-9 th of September, 2015.
Served as a resource person in the Research Extension Dialogue conducted by the Coconut Research institute and held on 26 th , October 2009 in Ampara.
Served as a resource person in the annual ‘one day training programme series on ‘Replanting of coconut’ in the years, 2000, 2001, 2006, 2007- 2009, 2011-2016. This extension programme is aimed at training coconut growers on selection of planting material, field establishment of coconut and establishment planting and management of young coconut plantations.
A resource person in the training programme for the newly recruited Nursery Officers and Coconut Development Officers of the Coconut Cultivation Board which was held at Coconut Cultivation Board, Training Centre, Lunuwila from 3-7 th March, 2008.

Delivered a lecture on 'New Coconut Hybrids Developed by the Genetics & Plant Breeding Division of the Coconut Research Institute' in an awareness programme, held at the Coconut Research Institute on 1 st October, 2009 for the Regional Managers of the Coconut Cultivation Board.
Delivered a lecture on 'Basics of Coconut Breeding' in an awareness programme conducted by the Coconut Cultivation Board for the Extension and Estate managerial staff of the Coconut Cultivation Board, held at the Training Centre of the Coconut Cultivation Board, on 02 nd February, 2007.
Served as a resource person in the pre-congress workshop on 'Writing a quality research paper: tips and tricks' held in July-August, 2020 of the 32 nd Annual Congress of the PGIA.
Served as a member of the organizing committee of the 6 th Plantation Crops Research Symposium organized by the Coconut Research Institute and held in Colombo from 2-4 th November, 2016.
Served as a member of the organizing committee of the 2 nd Plantation Crops Research Symposium organized by the CRI, TRI, RRI & SRI and held in Colombo from October, 2008.
Served as a resource person in the Consultative workshop for the formulation of National priorities of Biotechnology Research in Sri Lanka for the period 2017-2021.
Served as a resource person in the Consultative workshop for the formulation of National priorities of Biotechnology Research in Sri Lanka for the period 2017-2021.
Served as a resource person in the Consultative workshop for the formulation of National priorities of Agronomy Research in Sri Lanka for the period 2019-2023.
Served as an external reviewer in the Scientific Review Committee of the Plant Breeding Division of the Tea Research Institute of Sri Lanka in 2010.
Served as a member of the Technology Release Committee of the Tea Research Institute of Sri Lanka in the release of 5000 series tea cultivars in Sri Lanka.
Lead talk (by invitation) on 'Application of DNA technology in the genetic improvement of coconut: Current status and future possibilities, at the session on 'Biotechnology for Crop Improvement' in the 3 rd International Symposium on Coconut Research and Development -ISOCRAD 3' Conference, organized by the Central Plantation Crops Research Institute of India and held in Kasaragod, India, from 10-12 th December, 2016.

5.3 Memberships of Professional Associations

- 1) President- Institute of Biology, Sri Lanka.
- 2) Life Member of the Sri Lanka Association for the Advancement of Science (SLAAS).
- 2) Chartered Member and Fellow of the Institute of Biology, Sri Lanka.
- 3) Member of the Plant Breeders association of the Asia and Pacific region (SABRAO).

6. Scientific Publications and Communications

6.1 Book Chapters

<p>Perera L., Perera S.A.C.N., Bandaranayake C.K. and Harries H.C. (2009). Chapter 12: Coconut; In: Oil Crops. (Eds.) J Vollmann and I Rajcan, Springer Publishers, USA. pp 369-396. ISBN 978-0-387-77593-7.</p>
<p>Perera S.A.C.N. (2010). Chapter 8: Coconut. In: Technological Innovations in Major World Oil Crops. (Ed.) S.H. Gupta. Springer Publishers, USA. pp 201-218. ISBN 978-1-4614-0355-5.</p>
<p>Perera S.A.C.N., and Dissanayaka, H.D.M.A.C. (2013). Management of the Weligama Coconut Leaf Wilt Disease: Screening and Breeding Coconuts for resistance/tolerance to WCLWD. In Weligama Coconut Leaf Wilt Disease- Six years after. (Eds.) HPM Gunasena, H. A. J. Gunethilake, L.C.P.Fernando, J.M.D.T. Everard and P.A.H.N. Appuhamy. Coconut Research Institute pp. 96-106. ISBN: 978-955-9013-10-5</p>
<p>Perera S.A.C.N. (2014). Chapter 11: Oil palm and Coconut. In: Alien Gene Transfer in Crop Plants, Volume 2: Achievements and Impacts. (Eds.) Aditya Pratap and Jitendra Kumar, Springer Publishers, USA. pp 231-252. ISBN 978-0-387-77593-7.</p>
<p>Perera S.A.C.N. (2016). Chapter 09: Coconut: In Breeding Oilseed Crops for Sustainable Production: Opportunities and Constraints. (Ed.) Surinder Kumar Gupta. Elsevier Publishers. pp.201-216 ISBN: 978-0-12-801309-0</p>
<p>Perera S.A.C.N., Gunathilake, K.D.P.P., Bandupriya, H.D.D. (2018). Chapter 2: Coconut. In Nutritional and Health Benefits of Selected Food Crops in Sri Lanka. Institute of Biology of Sri Lanka, Colombo. pp. 36-49. ISBN: 978-955-8476-07-9.</p>
<p>Perera S.A.C.N. (2019). Chapter 5: Genetic Improvement of Crops for Agricultural Sustainability. In Landscaping agroecosystems: A way forward for natural resource utilization. Institute of Biology of Sri Lanka, Colombo. pp. 71-87 ISBN: 978-955-8476-08-6</p>
<p>Perera S.A.C.N. (2020). In. Agricultural Research for Sustainable Food Systems in Sri Lanka. Volume 1: A Historical Perspective. (Eds.) B. Marambe, J. Weerahewa, W. Dandeniya. Springer Publishers, USA. pp 149-170. ISBN: 978-981-15-2151-5</p>
<p>Bourdeix R., d'Eeckenbrugge C.G., Konan J.L., Novariantto H., Perera C. and Wolf V.L.F (2020). Chapter 5: Collecting Coconut Germplasm for Disease Resistance and Other Traits. In. Coconut Biotechnology: Towards the Sustainability of the 'Tree of Life'. (Eds.) S. Adkins, M. Foale, R. Bourdeix, Q. Nguyen and J. Biddle. Springer Publishers, USA. pp 77-100. ISBN: 978-3-030-44987-2.</p>

<p>Perera C., Bandupriya H.D.D., Thomas R.J. and Bourdeix R. (2020). Chapter 5: Diversity Studies Using Molecular Markers. In. Coconut Biotechnology: Towards the Sustainability of the 'Tree of Life'. (Eds.) S. Adkins, M. Foale, R. Bourdeix, Q. Nguyen and J. Biddle. Springer Publishers, USA. pp 101-122. ISBN: 978-3-030-44987-2.</p>
<p>Bandupriya H.D.D., Perera C., Pereira M.G. and Bourdeix R. (2020). Chapter 12: Towards Innovative Coconut Breeding Programs. In. Coconut Biotechnology: Towards the Sustainability of the 'Tree of Life'. (Eds.) S. Adkins, M. Foale, R. Bourdeix, Q. Nguyen and J. Biddle. Springer Publishers, USA. pp 241-272. ISBN: 978-3-030-44987-2.</p>
<p>Waidyarathne K.P. and Perera S.A.C.N. (2020). Chapter 10: Extreme Weather Events and Crop Yields: A Case Study with Coconut. In: Adapting to Climate Change: A Sri Lankan Perspective. Institute of Biology of Sri Lanka, Colombo. pp. 153-166 ISBN: 978-955-8476-09-3.</p>
<p>Perera S.A.C.N., Seneweera (2021). Chapter 10: Molecular Breeding for Improving Yield in Wheat: Recent Advances and Future Perspectives. In: Molecular Breeding in Wheat, Maize and Sorghum: Strategies for Improving Abiotic Stress Tolerance and Yield (eds M.A. Hossain et al.). CABI International. pp197-212. CABI International. pp197-212. DOI: 10.1079/9781789245431.0010</p>
<p>Perera S.A.C.N. (2021). A step towards strengthening Bioeconomy of Sri Lanka with two potential candidates: Finger millet; the crop of future and sorghum; the camel of crops. Chapter 5 In, Marching towards a bioeconomy. Institute of Biology of Sri Lanka, Colombo. pp. 57- 71. ISBN: 978-955-8476-10-9 (e-Book).</p>
<p>Perera S.A.C.N. and Dissanayaka A.C. (2021). Genetic improvement of the coconut palm and mass propagation of improved cultivars. Chapter 2 In: The coconut palm (Cocos nucifera) production, cultivation and uses (Ed. P.K. Ghosh). Nova Publishers, USA. pp 27-48. ISBN: 978-1-53619-820-1(eBook)</p>
<p>Bandupriya H.D.D and Perera S.A.C.N. (2021). Coconut Genomics. Chapter 9 In. Oil Crop Genomics (Eds: H. Tombuluglo, T. Unver, G. Tombuloglu and K.R. Hakeem) Springer publishers. pp. 161-188. ISBN 978-3-030-70419-3 ISBN 978-3-030-70420-9 (eBook) https://doi.org/10.1007/978-3-030-70420-9</p>
<p>Kaluthanthri, D.V.S., Dasanayaka, P.N. and Perera S.A.C.N. (2022). Quantum Biology: A novel direction in biological sciences. Chapter 4 In: A Paradigm Shift in Biology. Institute of Biology, Sri Lanka. pp. 70- 88. ISBN: 978-624-5998-01-2.</p>

6.2 Full length research papers in peer reviewed, cited journals

De Silva, PR., Perera, SACN, Bahder, BW. and Attanayake, RN. (2023). Nested PCR-Based Rapid Detection of Phytoplasma Leaf Wilt Disease of Coconut in Sri Lanka and Systemic Movement of the Pathogen. <i>Pathogens</i> , 2023, 12, 294. https://doi.org/10.3390/pathogens12020294
Karunarathana T, Kooragoda M., Udayanga L, Weerasena J., Perera, S.A.C.N. and Edirisinghe, N. (2022). Evaluation of the effect of morphological traits on blister blight resistance in tea plant (<i>Camellia sinensis</i> L.). <i>Applied Bio-Systems Technology</i> . 2(1): 34-44.
Terensan S. Fernando H.N.S., Silva J.N. Perera S.A.C.N., Kottearachchi N.S. and Weerasena O.V.D.S.J. (2022). Morphological and molecular analysis of fungal species associated with blast and brown spot diseases of <i>Oryza sativa</i> . <i>Plant Disease</i> . http://doi.org/10.1094/PDIS-04-21-0864-RE
Karunarathana T, Kooragoda M., Udayanga L, Weerasena J., Perera, C.N. and Edirisinghe, N. (2022). Evaluation of the effect of morphological traits on blister blight resistance in tea plant (<i>Camellia sinensis</i> L.). <i>Applied Bio-Systems Technology</i> . 2(1): 34-44.
Terensan, S., Fernando H.N.S., Silva J.N., Perera S.A.C.N. Perera, Kottearachchi, N.S. and Weerasena, O.V.D.S.J. (2021). Morphological and molecular analysis of fungal species associated with blast and brown spot diseases of <i>Oryza sativa</i> . <i>Plant diseases</i> 10.1094/PDIS-04-21-0824-RE.
Bandupriya H.D.D., Perera S.A.C.N., Ransinghe C.S., Yalagama C, and Hewapathirana H.P.D.T. (2021). Physiological, biochemical and molecular evaluation of micro-propagated and seed-grown coconut (<i>Cocos nucifera</i> L.) palms. <i>Trees</i> . 10.1007/s00299-020-02637-6.
Terensan, S., Fernando H.N.S., Silva J.N., Perera S.A.C.N. Perera, Kottearachchi, N.S. and Weerasena, O.V.D.S.J. (2021). In silico molecular and morphological analysis of rice blast resistant gene <i>Pi-ta</i> in Sri Lankan rice germplasm. <i>Journal of Genetic Engineering and Biotechnology</i> (2021) 19:163.
Meegahakumbura M.K., Dissanayaka H.D.M.A.C., Perera S.A.C.N., Samarasinghe C.R.K., Weerasinghe P.R. Vidanarachchi V and Perera L. (2020). Exchange and Utilization of Global Genetic Resources in the National Coconut Breeding Programme in Sri Lanka: A Historic Overview. <i>Cocos</i> 23(1): 37-46.
Karunarathna, K.H.T., Mewan, K.M., Weerasena O.V.D.S.J., Perera, S.A.C.N., and Edirisinghe E.N.U. (2020). A functional molecular marker for detecting blister blight disease resistance in tea (<i>Camellia sinensis</i> L.). <i>Plant Cell Reports</i> . DOI 10.1007/s00299-020-02637-6.
Wijesekara H.T.R., Perera, S.A.C.N., Bandupriya D., Meegahakumbura M.K. and Perera L. (2020). Detection of Weligama coconut leaf wilt disease phytoplasma by Real-time polymerase chain reaction. <i>Cord</i> 36 (2): 1-5.
Weleewanni I., Perera C., Jayasekera A. and Bandupriya, D. (2020). Recovery, histological observations and genetic integrity in coconut (<i>Cocos nucifera</i> L.) embryogenic calli cryopreserved using encapsulation-dehydration procedure. <i>Journal of the National Science Foundation of Sri Lanka</i> . 48 (2): 175-186 DOI: dx.doi.org/10.4038/jnsfsr.v48i2.9538 .

Nanayakkara D., Edirisingha I., Dissanayake L., Weerasinghe D., Suriyagoda L., Herath V., Perera C. and Jayatilake D. (2020). A novel intragenic marker targeting the ectodomain of bacterial blight-resistance gene <i>Xa21</i> for marker-assisted selection in rice. <i>Journal of Crop Improvement</i> . DOI: 10.1080/15427528.2020.1771643.
Karunaratna K.H.T., Senathilake N.H.K.S., Mewan K.M., Weerasena O.V.D.S.J. and Perera S.A.C.N. (2020). <i>In silico</i> structural homology modelling of EST073 motif coding protein of tea (<i>Camellia sinensis</i> L). <i>Journal of Genetic Engineering and Biotechnology</i> . 18:32. doi.org/10.1186/s43141-020-00038-6 .
Karunaratna K.H.T., Mewan K.M., Weerasena O.V.D.S.J., Perera S.A.C.N., Edirisinghe E.N.U. and Jayasoma A.A. (2018). EST-SSR based insights into the genetic architecture and pedigree of Sri Lankan tea cultivars. <i>Journal of the Korean Tea Society</i> . 24(3):40-47.
Karunaratna K.H.T., Mewan K.M., Weerasena O.V.D.S.J., Perera S.A.C.N., Edirisinghe E.N.U. and Jayasoma A.A. (2018). Understanding the genetic relationships and breeding patterns of Sri Lankan tea cultivars with genomic and EST-SSR markers. <i>Scientia Horticulturae</i> . 240: 72-80.
Piyasundara J.H.N., Wickramasinghe I.P., Gunsekara M.T.K., Wijeratne M.A., Perera S.A.C.N., Ranathunga M.A.B. and Mudalige A.K. (2018). Reproductive phenology of tea (<i>Camellia sinensis</i> (L.) O. Kuntze) cultivars in Sri Lanka. <i>Tropical Agricultural Research</i> Vol. 29 (3): 288 – 30.
Wakista P.W., Dasanayaka P.N., Illeperuma R.J. and Perera S.A.C.N. (2017). Assessment of genetic diversity of a representative sample of finger millet (<i>Eleusine coracana</i> (L.) Gaertn.) collected from four different districts of Sri Lanka using SSR markers. <i>Sri Lankan Journal of Biology</i> 2(1):1-8.
Bandupriya H.D.D., Iroshini, W.W.M.A., Perera S.A.C.N., Vidhanarachchi, V.R.M. Fernando S., Santha, E.S. and Gunathilake T.R. (2017). Genetic fidelity testing using SSR marker assay confirms trueness to type of micropropagated coconut (<i>Cocos nucifera</i> L.) plantlets derived from unfertilized ovaries. <i>The Open Plant Science Journal</i> . 2017: 10, 3-00.
Kamaral L.C.J., Perera S.A.C.N., Perera K.L.N.S. and Dasanayaka P.N. (2017). Characterization of Sri Lanka yellow dwarf coconut (<i>Cocos nucifera</i> L.) by DNA fingerprinting with SSR markers. <i>Journal of the National Science Foundation of Sri Lanka</i> . 45(4): 405-412. DOI: http://dx.doi.org/10.4038/jnsfsr.v45i4.8234
Perera K.N.S., Herath H.M.N.B., Attanayaka D.P.S.T.G. and Perera S.A.C.N. (2017). Evaluation of morphological diversity of conserved tall coconut (<i>Cocos nucifera</i> L.) germplasm in Sri Lanka. <i>Tropical Agricultural Research</i> Vol. 27 (4): 350– 359.
Perera S.A.C.N., Kumarasinghe W.M. and Gunasekara T.M.C.P. (2016). Assessing the performance of fruit colour based phenotypes of tall (Typica) coconuts (<i>Cocos nucifera</i> L.) in Sri Lanka. <i>Cocos</i> 21(2):25-29.
Kamaral L.C.J., Perera S.A.C.N. and Dasanayaka P.N. (2016). Sri Lanka yellow semi tall; A new addition to the coconut (<i>Cocos nucifera</i> L.) classification in Sri Lanka. <i>Cocos</i> 22: 49-55

Kamaral L.C.J., Dasanayaka P.N., Perera K.L.N.S. and Perera S.A.C.N. (2016). SSR markers reveal the population structure of yellow (dwarf) coconuts in Sri Lanka. <i>Tree Genetics and Genomes</i> 12:116. DOI 10.1007/s11295-016-1076-x.
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7. Non-Related Referees

Prof. H.P.M. Gunasena
 Emeritus Professor
 Faculty of Agriculture
 University of Peradeniya
 Peradeniya 20400
 Sri Lanka.

Tel: 077 734 9330
 email: gunasenah@yahoo.com

Prof. D.P.S.T.G. Attanayake
 Department of Biotechnology
 Faculty of Agriculture & Plantation Management
 Wayamba University of Sri Lanka
 Makandura, Gonawila
 Sri Lanka.

Tel: 071 810 2379
 email: dpstga@yahoo.com

8. Declaration

I, S.A.C.N. Perera, certify that the particulars provided by me in this bio-data are true and accurate to the best of my knowledge.



S.A.C.N. Perera
2nd May, 2023