Syam Viswanath Book Chapters

Swathi Balakrishnan, Remya Unnikrishnan, Yasodha Ramasamy, Sreekumar V. Balakrishnan, Donald James, Syam Viswanath and Suma A. Dev 2023 Chapter 3: Casee studies in crops and forestry, Use of DNA tools for identifying timber tree species and verifying the geographic origin of wood in India . (Eds) John Ruane, Chikelu Mba, Paul Boettcher, Jarkko Koskela, Graham Mair and Selvaraju Ramasamy *In* Case studies of the use of agricultural biotechnologies to meet the needs of smallholders in developing countries,Food and Agriculture Organization of the United Nations, Rome ISBN 978-92-5-138424-4.

Viswanath, S., Chakraborty, S, Indian Sandalwood: prospects for agroforestry, 2022, *In*: Arun kumar AN, Joshi G , Warrier R.R, Karaba N.N (eds) Indian Sandalwood: Materials Horizons: From Nature to Nanomaterials. Sringer, Singapore ISBN 978-981-16-6564- 6https://doi.org/10.1007/978-981-166565-3-19

Sruthi Subbana and Syam Viswanath, 2021. Chapter 11 - Aboveground biomass and carbon content in select bamboo species across humid and semiarid zones of Karnataka, India, *In*: Pravat Kumar Shit, Hamid Reza Pourghasemi, Vishwambhar Prasad Sati (eds) Forest Resources Resilience and Conflicts. Elsevier publications pp153-163 ISBN 978-0-12-822931-6 <https://doi.org/10.1016/B978-0->12822931-6.00011-3

Sandhya M C, Babitha M, Vipul Parekh, Rane A D and S Viswanath,. 2020 Assessment of genetic diversity in *Santalum album* Linn. (East Indian Sandalwood) populations across India. Prospects in Plant biology. pp 19-28, KSCSTE-KFRI Peechi publications,

Viswanath, Syam and PA Lubina. 2017 Traditional agroforestry systems., JC Dagar, Jagdish Chander and Tewari, Vindhya Prasad (eds) pp 91-120 Springer Publications,

Viswanath S, Rajesh Sharma and Dinesh Kumar. 2017 Silviculture and Management. *In* Bamboo: Conservation, Management and Utilisation in India- A Status Report, ICFRE Dehradun, pp 35-46

Viswanath S and Rajesh Sharma. 2017 Agroforestry. *In* Bamboo: Conservation, Management and Utilisation in India- A Status Report, ICFRE Dehradun, pp 71-81

Muyeed Ahmed.S, Deependra Singh Rajput, Abhay Kumar Dubey, Vignesh K, Viswanath S and TS. Rathore. 2011 Application of Hydroponics for early acclimatization and growth performance of micropropagated bamboo plantlets (*Bambusa bambos*). Sanjay Singh and Rameshwar Das. (Eds) *In* Productivity enhancement and value addition of bamboos.pp 150-153, ICFRE- IFP, Ranchi Publication,

Soumya C and S.Viswanath

Viswanath,S;. Peddappaiah R.S and TS Rathore. 2005 Enhancing biomass productivity of MPTs in agroforestry systems in southern India. *In* Multipurpose trees in the tropics: Management and Improvement strategies. V.P. Tewari and R.L. Srivastava, (eds). Pp 534-541, Scientific Publishers, Jodhpur

Kunhamu, TK, Kumar BM. and SViswanath. 2005 Tree Allometry, volume and above ground biomass yield in a seven year old *Acacia mangium* Willd. stand at Thiruvazhamkunnu, India. *In* Multipurpose trees in the tropics: Management and Improvement strategies. V.P. Tewari and R.L. Srivastava, (Eds) pp 415-471, Scientific Publishers, Jodhpur.

Viswanath,S, Manivachakam P and M George. 2001 Casuarina in Agroforestry Practices. *In* Casuarina : Improvement and Utilization. Gurumurthi K., A. Nicodemus and Siddappa (eds) . ICFRE- IFGTB Publication, Coimbatore, pp 187-192