# Journal Papers

## Refereed Scientific Journal Papers

### 2018

Clinton PW. 2018. Future expectations of forest soils: increasing productivity within environmental limits using new knowledge. New Zealand Journal of Agricultural Research. https://doi.org/10.1080/00288233.2018.1446992

Burdon RD, Moore JR. 2018. Adverse genetic correlations and impacts of silviculture involving wood properties: analysis of issues for radiata pine. Forests 9 (6). https://doi.org/10.3390/f9060308

Dash, JP, Pearse, GD, Watt MS. 2018. UAV Multispectral Imagery Can Complement Satellite Data for Monitoring Forest Health. Remote Sens. 2018, 10(8), 1216; https://doi.org/10.3390/rs10081216

Gallart M, Adair KL, Love J, Meason DF, Peter W. Clinton PW, Xue J, Matthew H. Turnbull MH. 2018. Host Genotype and Nitrogen Form Shape the Root Microbiome of *Pinus radiata*. Microbiology Ecology 75 (2), 419-433.

Gallart, M., Adair, K. L., Love, J., Meason, D. F., Clinton, P. W., Xue, J., & Turnbull, M. H. 2018. Genotypic variation in *Pinus radiata* responses to nitrogen source are related to changes in the root microbiome. FEMS Microbiology Ecology. Published online April 2018: https://doi.org/10.1093/femsec/fiy071

Marden M, Lambie S, Phillips C. 2018. Biomass and root attributes of eight of New Zealand's most common indigenous evergreen conifer and broadleaved forest species during the first 5 years of establishment. New Zealand Journal of Forestry Science 48(1): 9. https://doi.org/10.1186/s40490-018-0113-y

Marden M, Lambie S, Rowan D. 2018. Root system attributes of 12 juvenile indigenous early colonising shrub and tree species with potential for mitigating erosion in New Zealand. New Zealand Journal of Forestry Science 48:11. https://doi.org/10.1186/s40490-018-0115-9

Pearse GD, Dash PD, Persson HJ, Watt MS. 2018. Comparison of high-density LiDAR and satellite photogrammetry for forest inventory. ISPRS Journal of Photogrammetry and Remote Sensing Volume 142, August 2018, Pages 257-267.

Schimleck L, Antony F, Dahlen J, Moore J. 2018. Wood and Fiber Quality of Plantation-Grown Conifers: A Summary of Research with an Emphasis on Loblolly and Radiata Pine. Forests 9 (6). https://doi.org/10.3390/f9060298

Zhou XQ, Xu CY, Bai SH, Xu ZH, Smaill SJ, Clinton PW, Chen CR. 2018. Manipulating interactions between plant stress responses and soil methane oxidation rates. Biogeosciences. Published online June 2018. https://doi.org/10.5194/bg-2018-102