

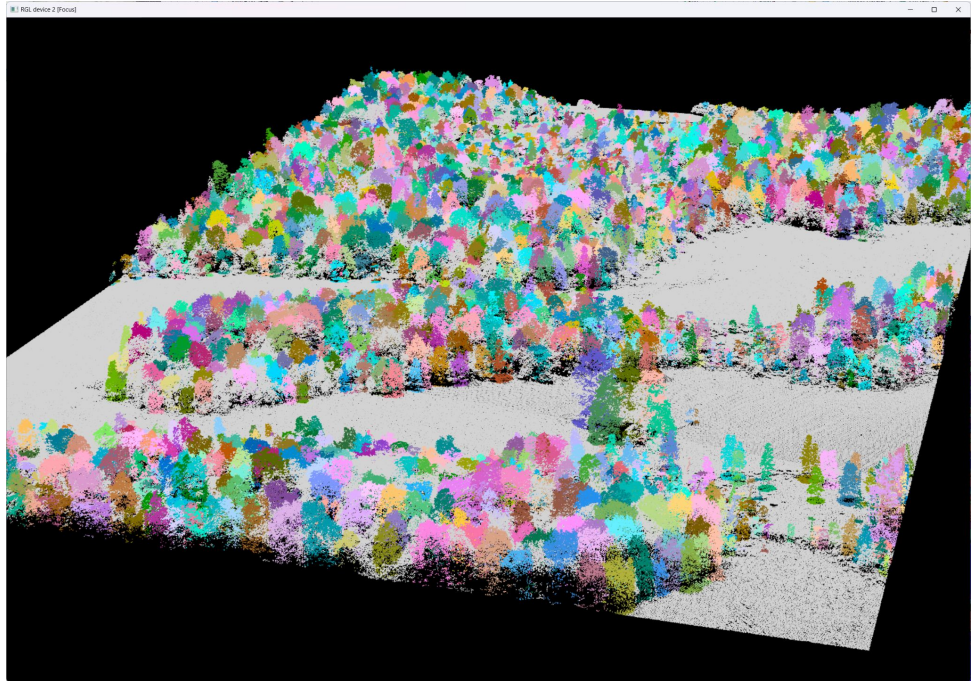
Tree isolation and bush density

For Pirongia Forest



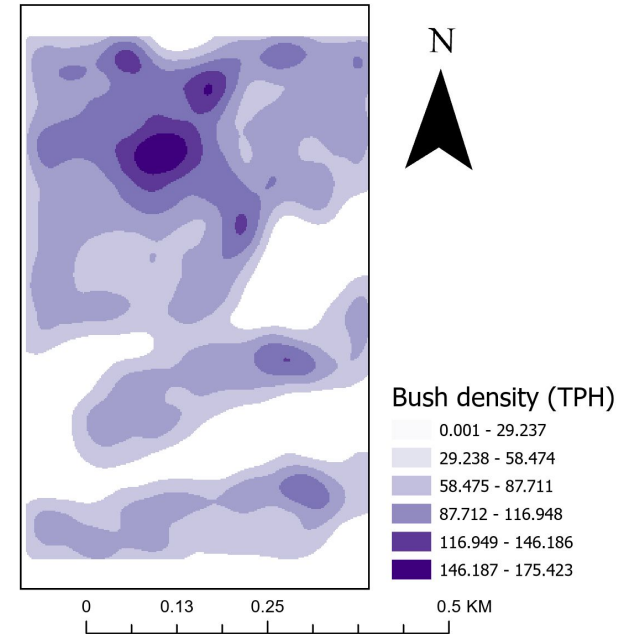
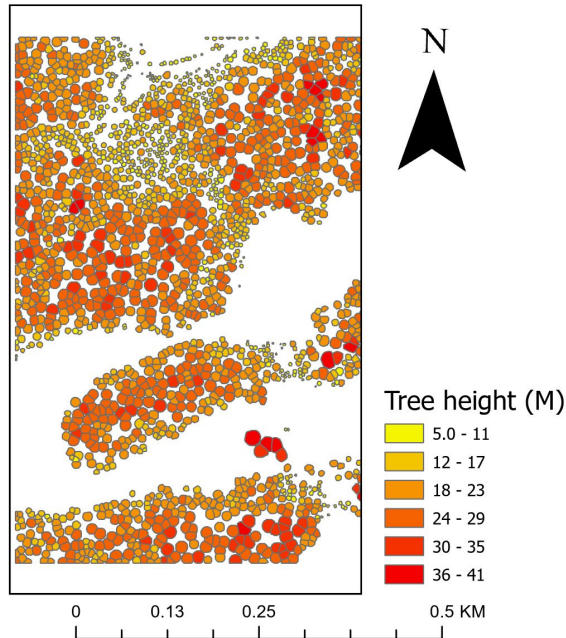
Tree isolation from Point Cloud by R

All trees at 5M above

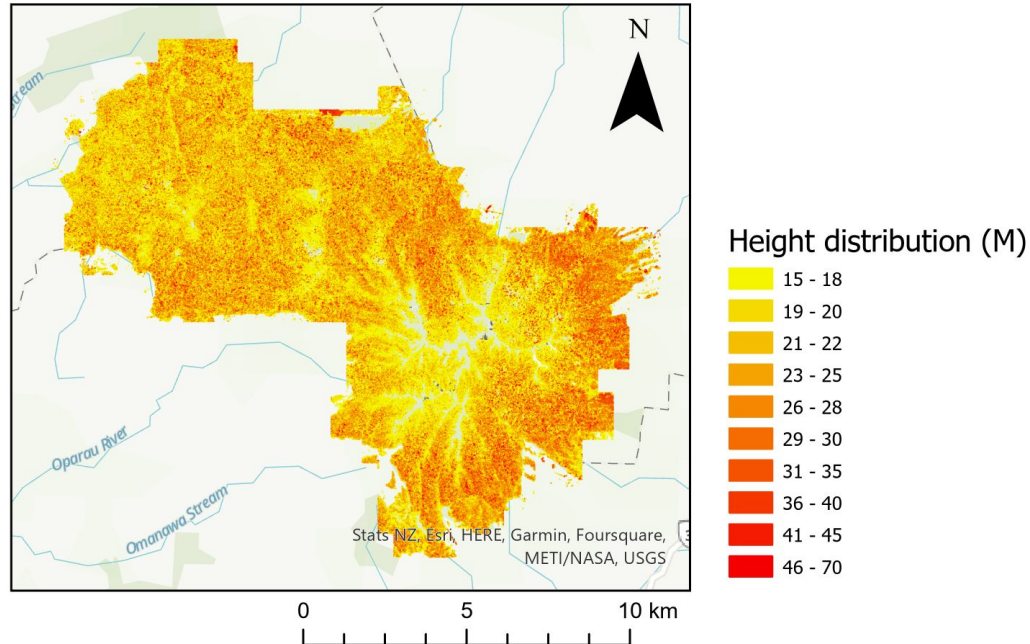


Tree height distribution & bush density

Selected area with minimum trees height at 5 Meters

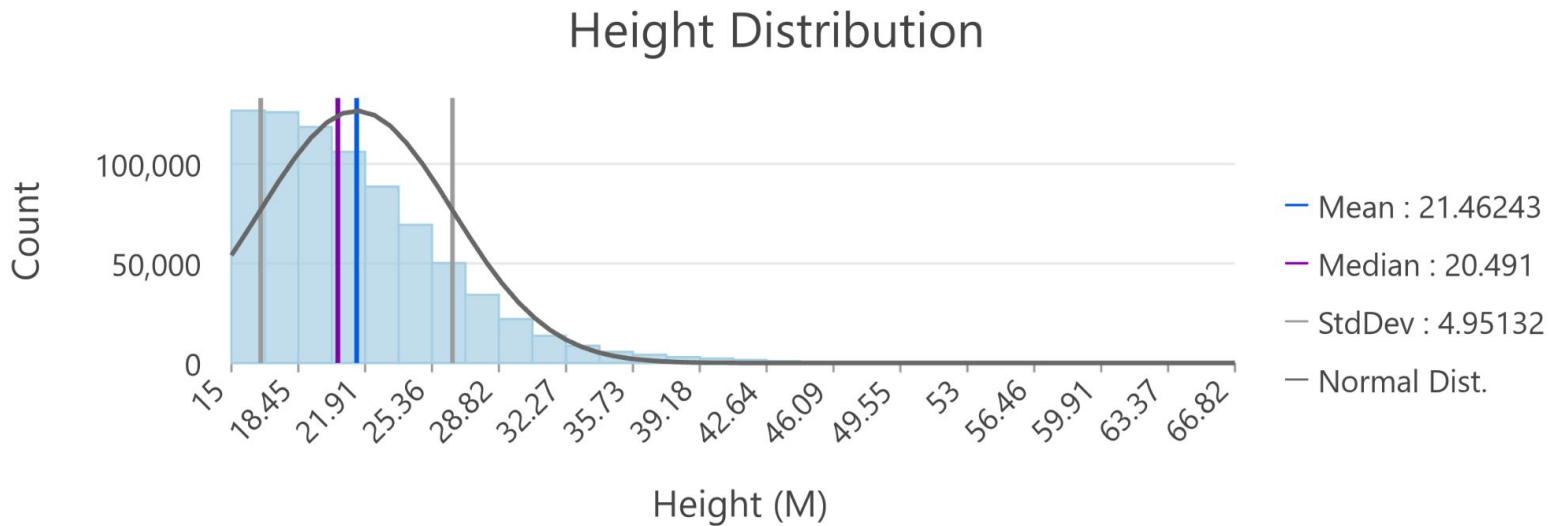


Trees height distribution of Pirongia Forest at 15M above



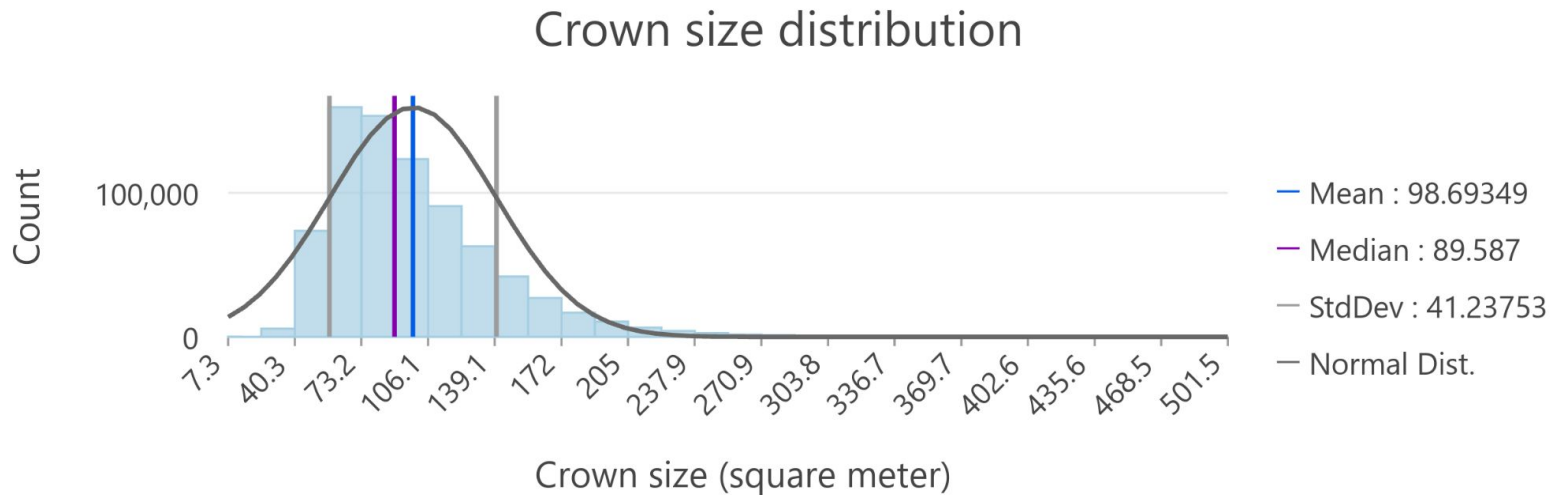


Trees height distribution of Pirongia Forest at 15M above

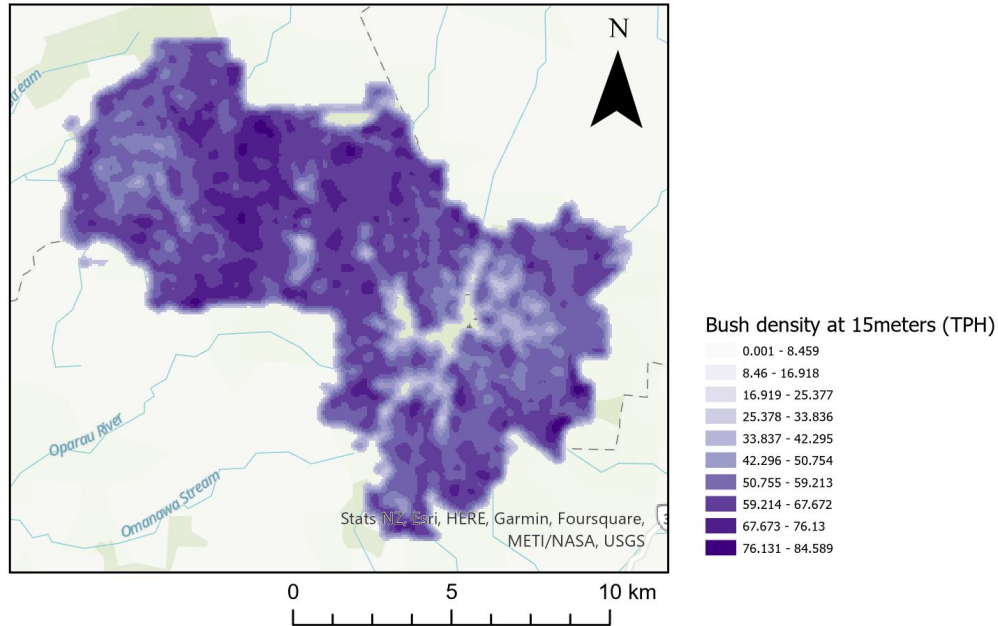




Crown size distribution of Pirongia Forest at 15M above



Bush density at 15 meters Trees per hectare





Forestry metric of Pirongia Forest

Measurement height	Number of Trees	Trees per hectare	Crown area(m2)	Crown Cover (%)
5M	1296485	86.24	95150766.98	63.15%
10M	1131318	75.25	91871605.61	61.11%
15M	782786	52.07	77255881.14	51.39%
20M	423379	28.16	51918734.43	34.54%
30M	46619	3.1	8524920.98	5.67%
40M	4592	0.31	1063369.73	0.71%