

採用無人機3D樹木建模與 實際量測驗證之研究

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2017 三姐妹等身照計畫



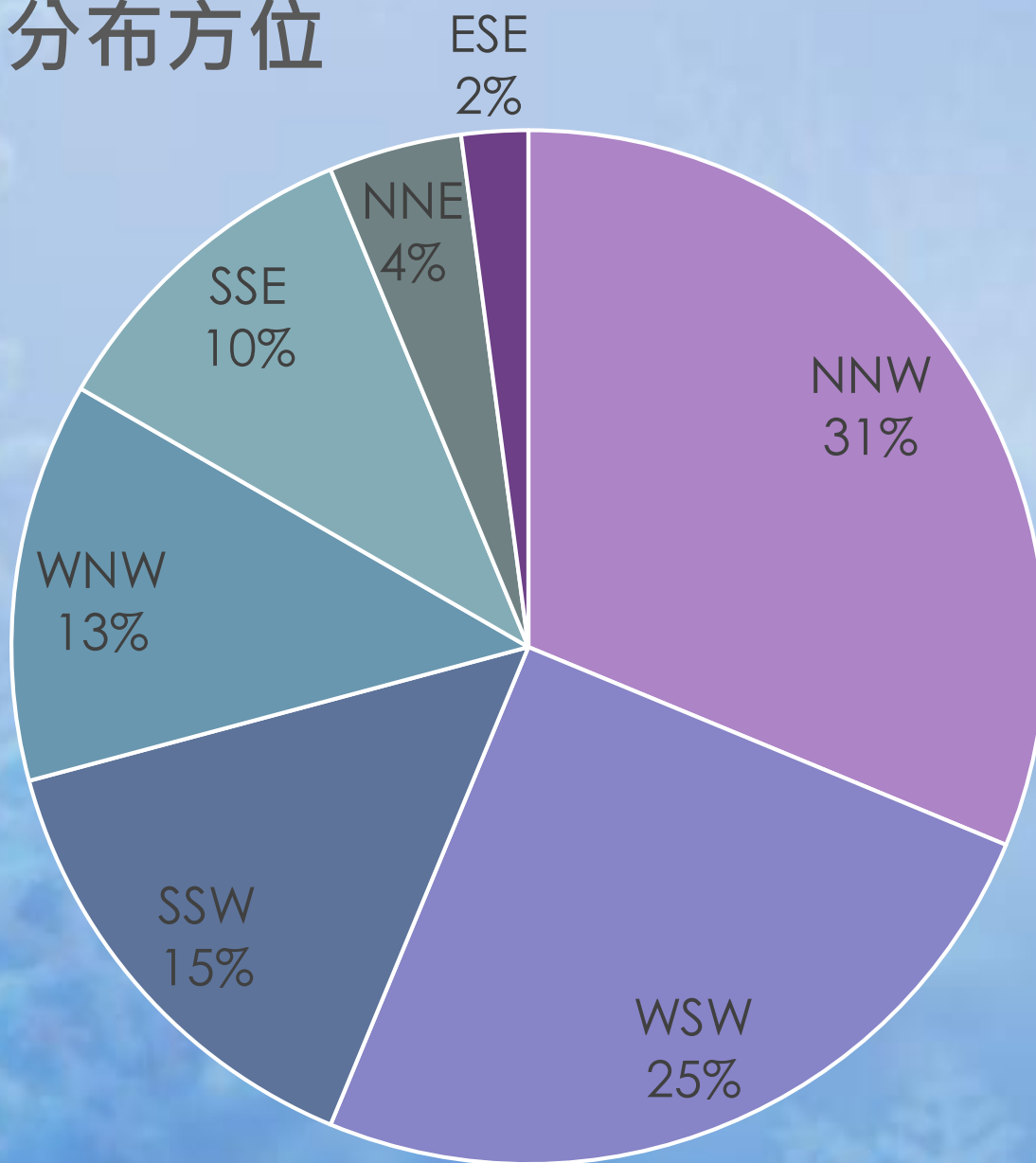






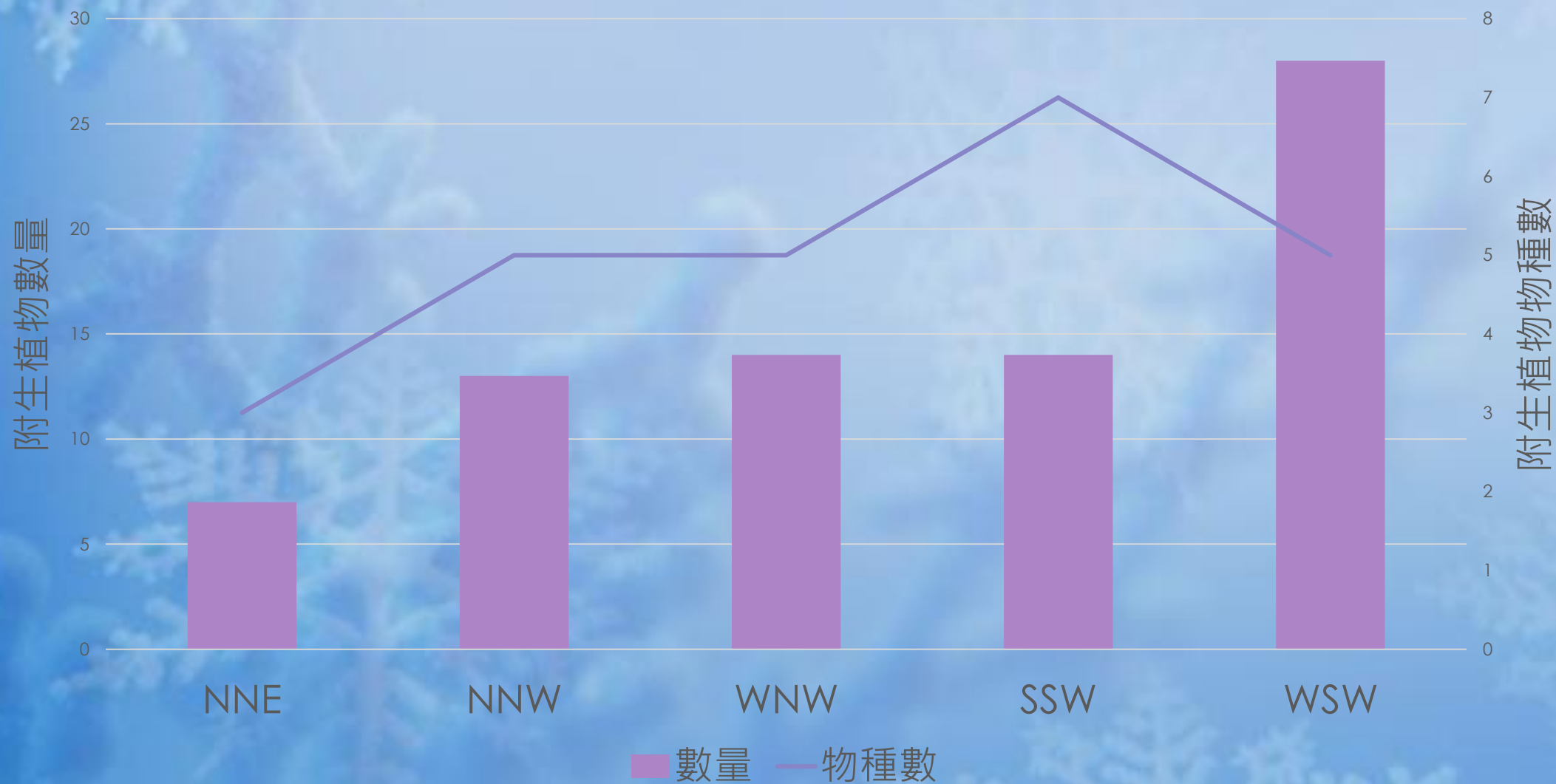
台灣杉的枝條分布方位

E:東 W:西 S:南 N:北



附生植物各方位角分布比例

E:東 W:西 S:南 N:北





Measurements

Coordinate

Distance

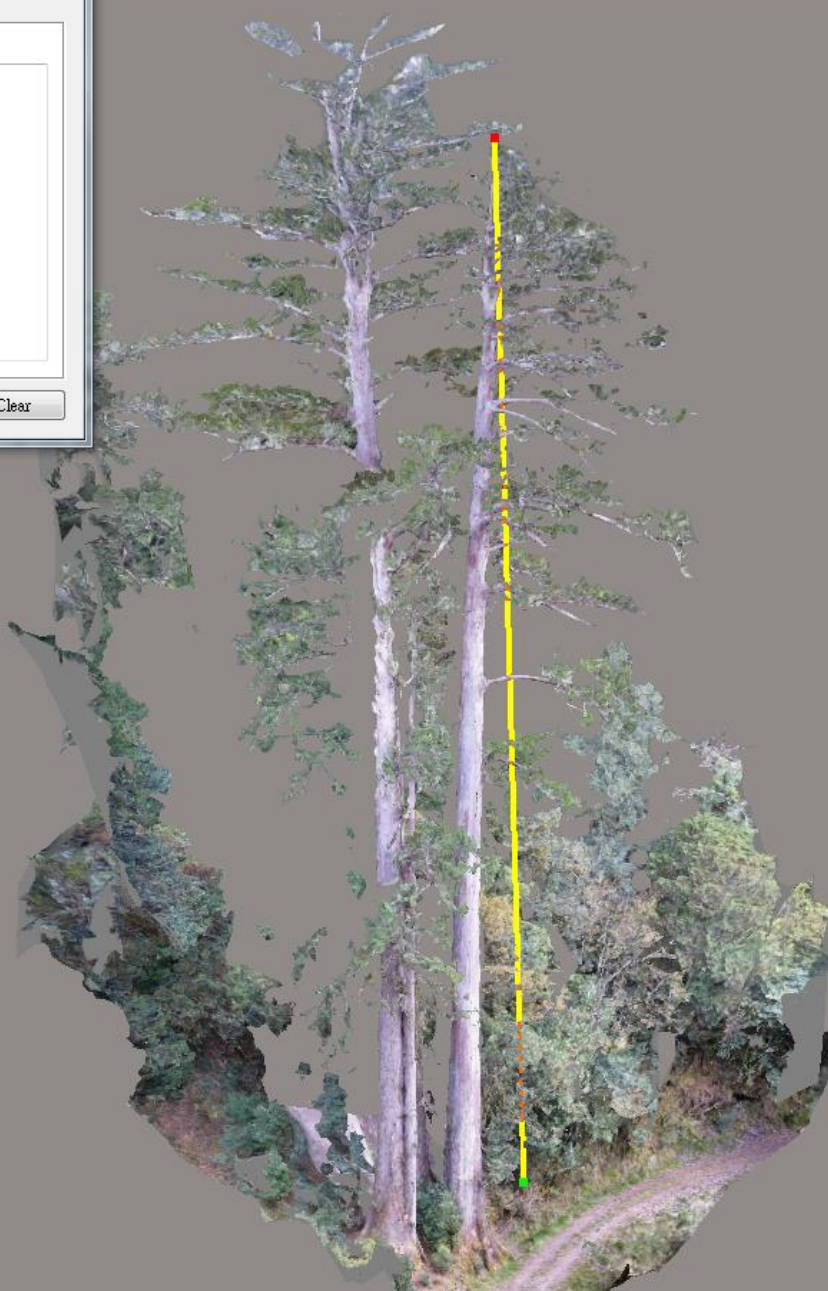
Surface

Volume

Click on the model to define a 3D segment.

Distance: **63.42 m**Height difference: **-63.26 m**

Clear



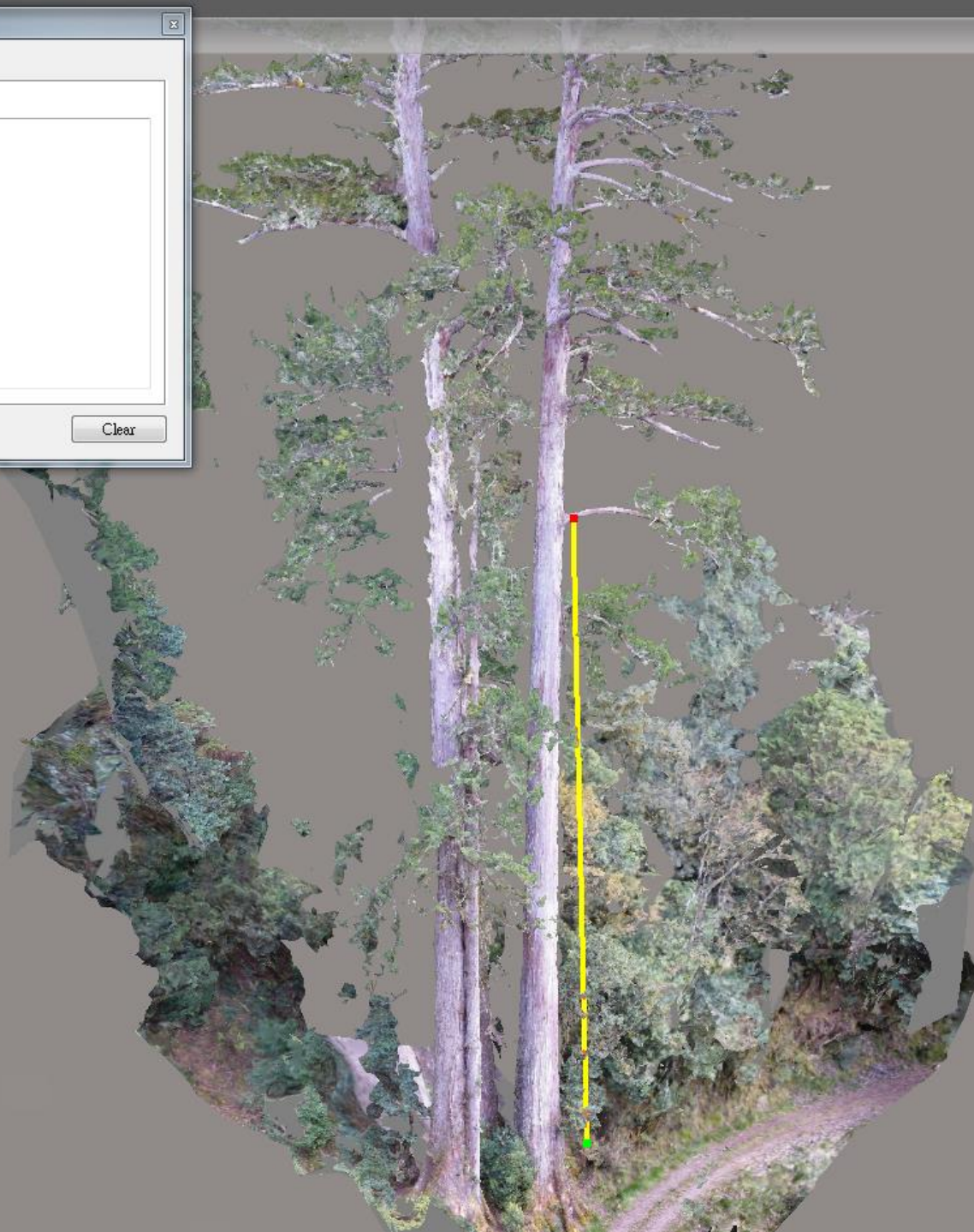
Measurements

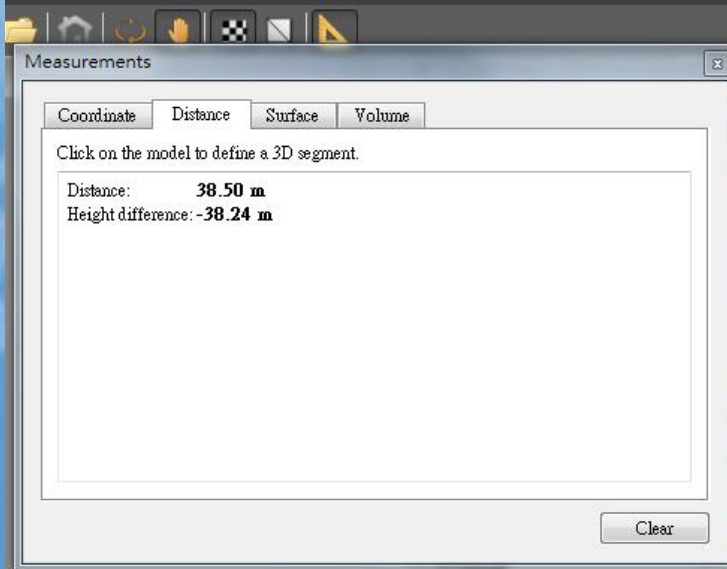
Coordinate Distance Surface Volume

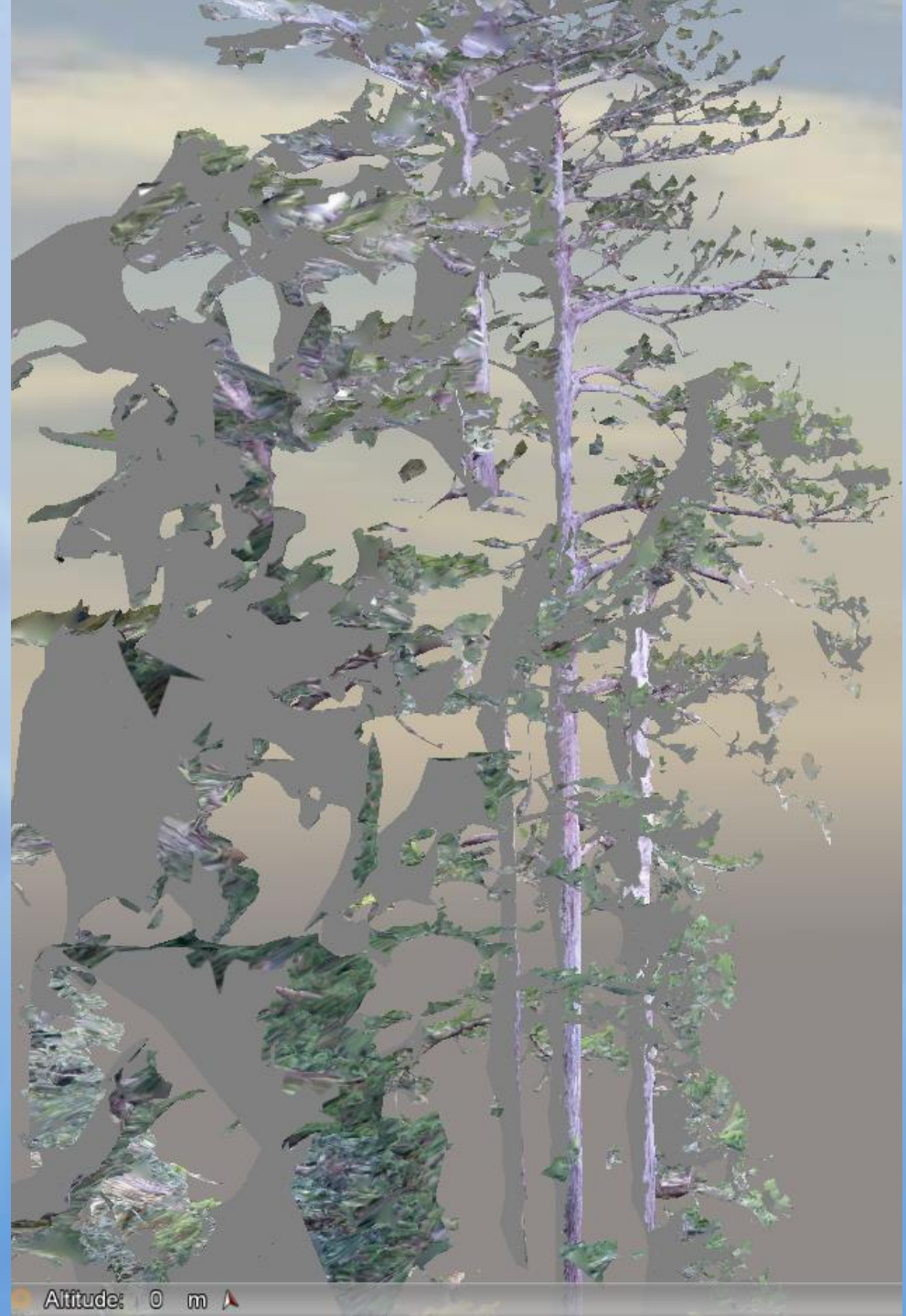
Click on the model to define a 3D segment.

Distance: **31.92 m**
Height difference: **-31.91 m**

Clear







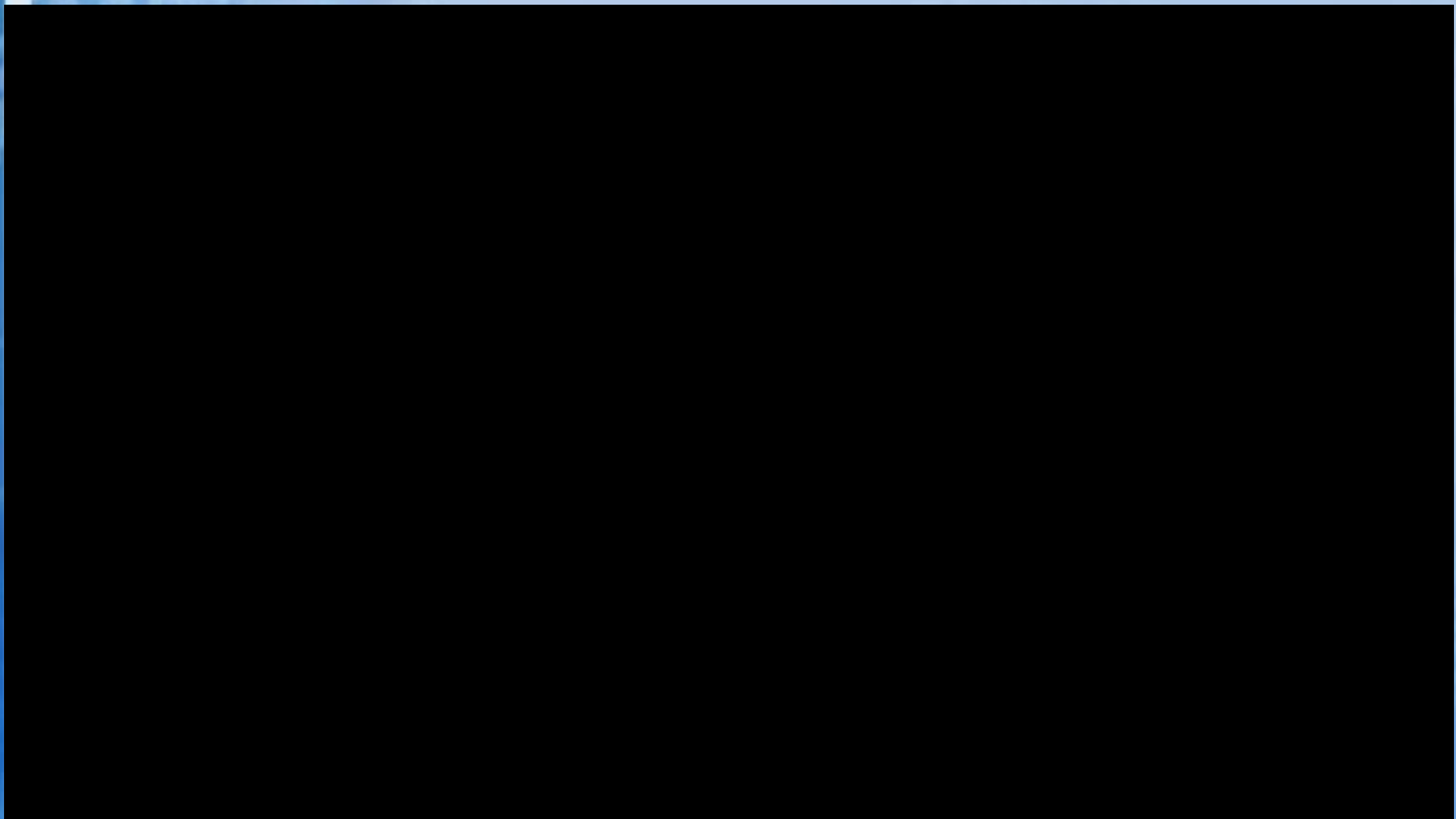


蒲生の大楠



神木村樟樹公

樟樹公空拍及高空測量作業

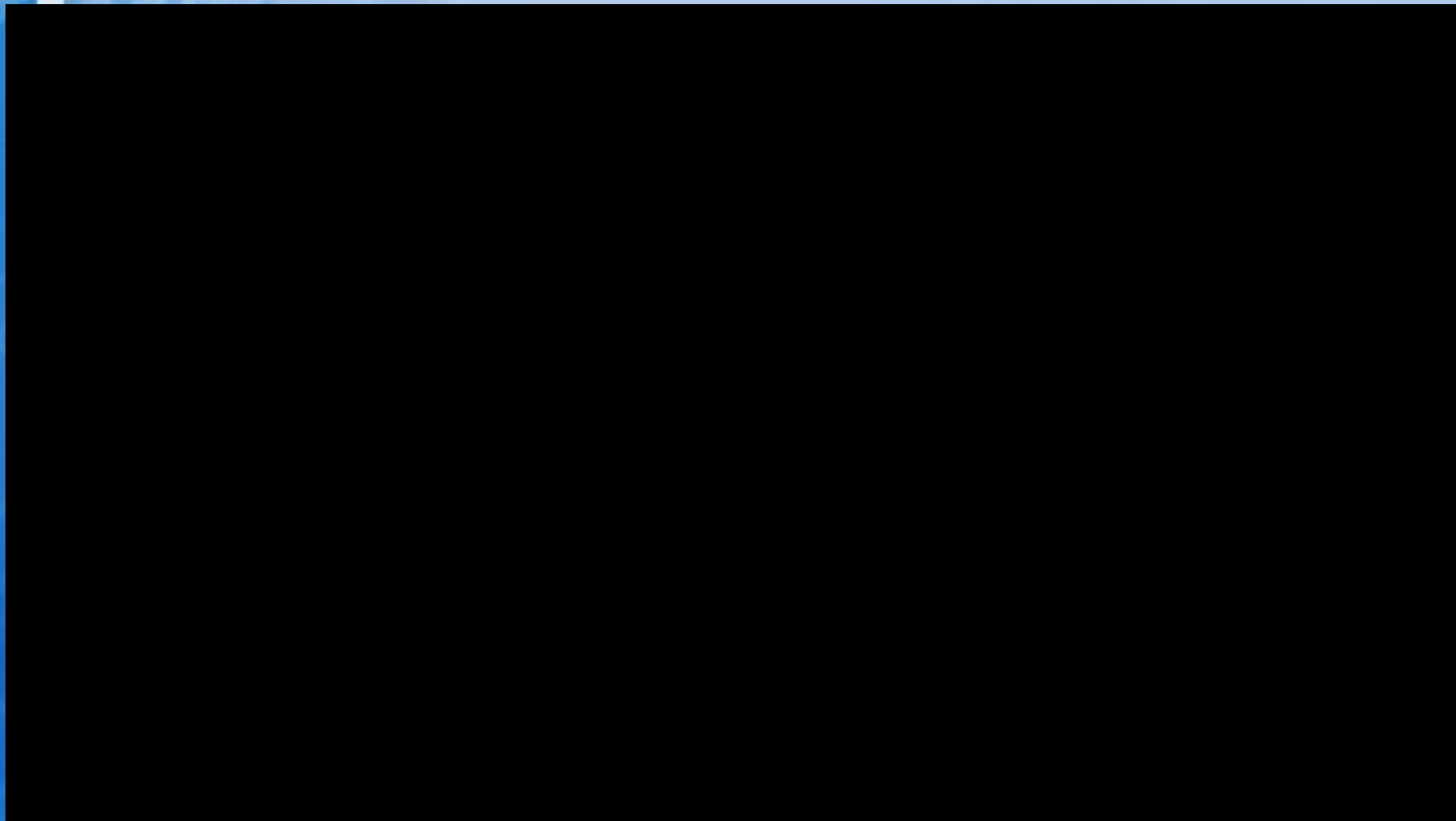




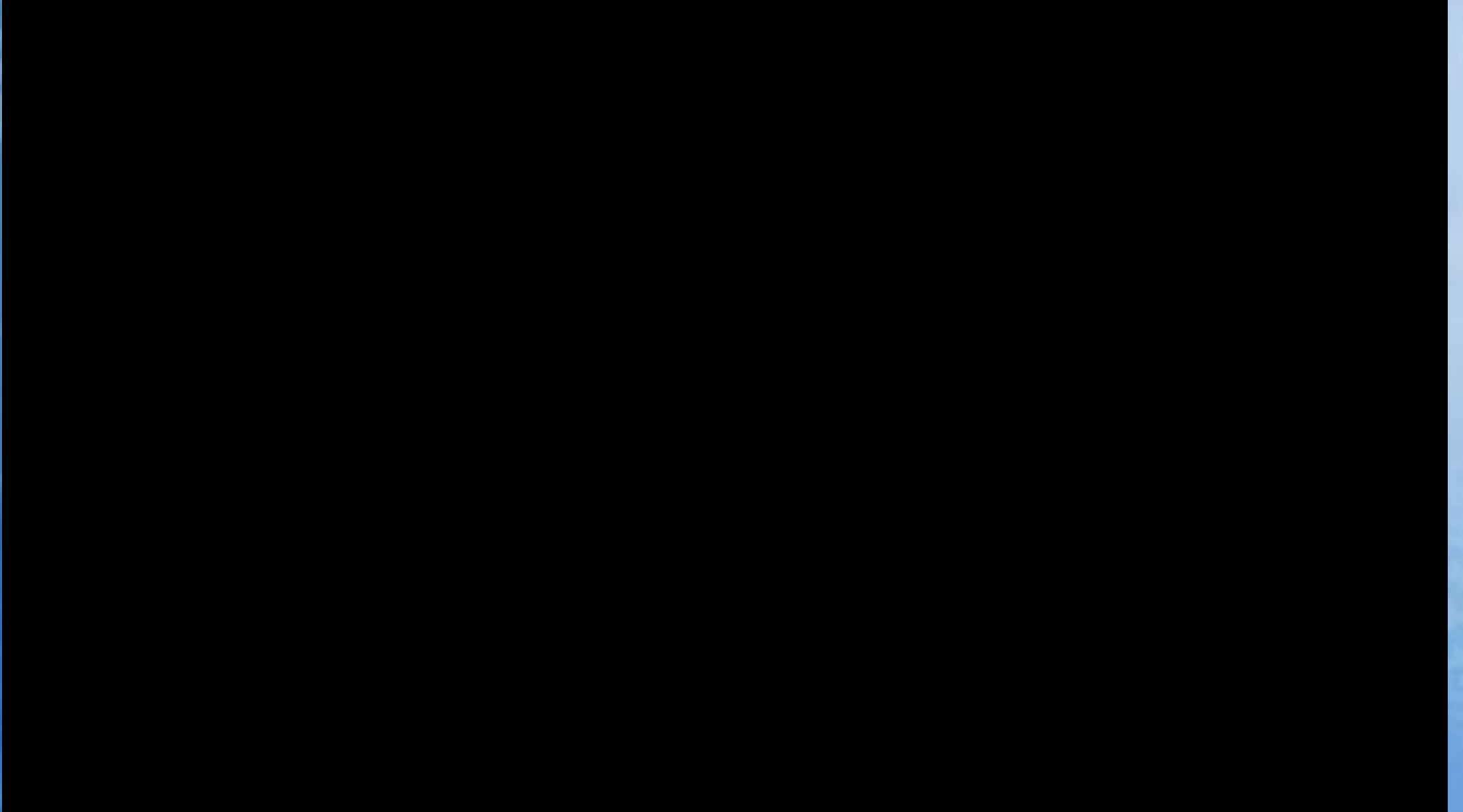
離地高度 30m
直徑105 cm
長度 >8m
傾斜 40
樹洞出口(主幹斷)

附生植物:
小車前、密葉卷柏、
台灣水龍骨、杯狀蓋
骨碎補, 海州骨碎補、
槭葉石蕨、腎蕨、絨
毛石蕨

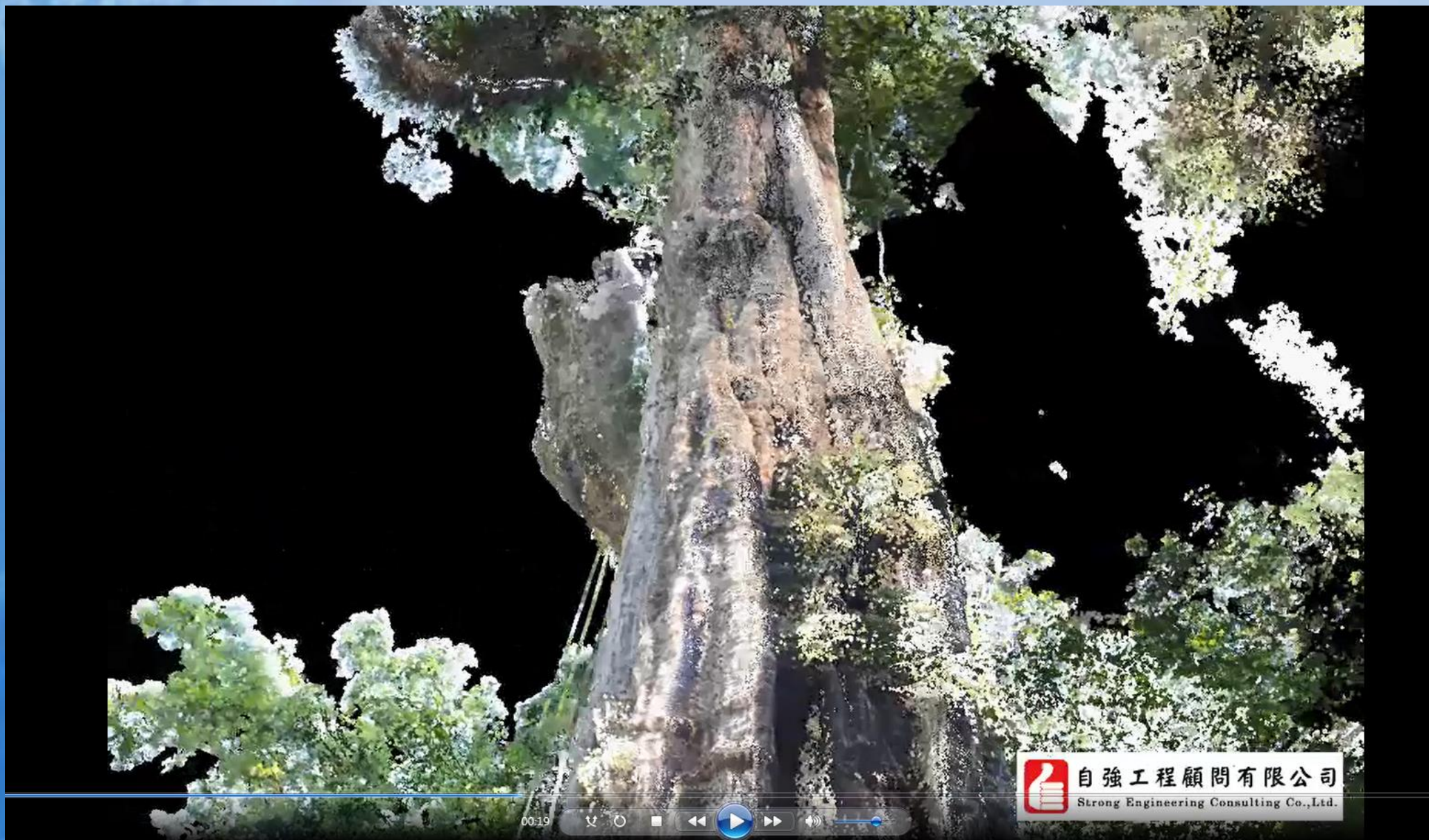
UAV 3D 模型製作



3D模型測量



地面光達建模





感謝聆聽，敬請提問