

**Zulkarnain Syarbin. 04341711042 IDENTIFIKASI KESEHATAN POHON
DI KAWASAN WISATA PANTAI SULAMADAH MENGGUNAKAN
(VISUAL TREE ASSESSMENT)**

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RINGKASAN

Kerusakan pohon merupakan salah satu indikator penilaian kesehatan hutan. Kerusakan pohon dapat disebabkan oleh beberapa faktor, seperti faktor biotik, antara lain: serangan hama, penyakit atau makhluk hidup lain yang dapat menyebabkan kerusakan. Oleh karena itu, kerusakan pohon akan mempengaruhi fungsi fisiologis pohon, menurunkan laju pertumbuhan pohon, dan dapat mengakibatkan kematian pohon. Informasi terkait kesehatan pohon di Wisata Pantai Sulamadah sangat penting untuk diketahui, sehingga dampak/resiko pohon tumbang dapat diketahui dan dibuat pencegahan sejak dini. Tujuan umum dari penelitian ini yaitu *assessment*/penilaian kondisi tegakkan pohon di kawasan Wisata Pantai Sulamadah adapun tujuan khususnya mengidentifikasi kondisi kesehatan pohon di kawasan Wisata Pantai Sulamadah dan menghitung jumlah pohon berpotensi tumbang di kawasan Wisata Pantai Sulamadah. Pengumpulan data dilakukan dengan pengamatan dan pendataan menggunakan *Isa Basic Tree Assessment*. Jenis – jenis pohon yang ada di sepanjang ruas jalan Kawasan Wisata Pantai Sulamadah Kel. Sulamadah Kec. Ternate Barat berjumlah 45 pohon dari 10 jenis pohon. Semua individu pohon dilokasi penelitian mengalami kerusakan pada bagian batang, cabang, daun dan akar. Kerusakan paling banyak di bagian batang. Tipe kerusakan yang ditemukan adalah luka terbuka, bekas pangkas, gall, percabangan berlebihan atau brum dan rayap.

Kata kunci : Kerusakan fisik pohon, Kesehatan pohon, *Visual Tree Assessment*

**Zulkarnain Syarbin. 04341711042 IDENTIFICATION OF TREE HEALTH
IN THE SULAMADAH BEACH TOURISM AREA USING (*VISUAL
TREE ASSESSMENT*)**

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SUMMARY

Tree damage is one indicator of forest health assessment. Tree damage can be caused by several factors, such as biotic factors, including: pest attacks, diseases or other living creatures that can cause damage. Therefore, tree damage will affect the physiological function of the tree, reduce the tree's growth rate, and can result in tree death. Information regarding the health of trees at Sulamadaha Beach Tourism is very important to know, so that the impact/risk of falling trees can be known and prevention can be done early on. The general objective of this research is to assess the condition of standing trees in the Sulamadaha Beach Tourism area. The specific objective is to identify the health condition of trees in the Sulamadaha Beach Tourism area and calculate the number of trees that have the potential to fall in the Sulamadaha Beach Tourism area. Data collection was carried out by observation and data collection using the Isa Basic Tree Assessment. The types of trees along the road in the Sulamadaha Beach Tourism Area, Kel. Sulamadaha District. West Ternate has 45 trees from 10 tree species. All individual trees at the research location experienced damage to the trunk, branches, leaves and roots. Most damage is to the stem. The types of damage found were open wounds, pruning marks, galls, excessive branching or brums and termites.

Keywords : *Physical damage to trees, Tree health, Visual Tree Assessment*