

ABSTRAK

Isu pemanasan global telah menarik perhatian dan sosialisasi telah banyak untuk meminimalisir pemanasan global. Green construction sebuah konsep baru yang terpercaya dalam pembangunan yang mampu mereduksi kerusakan lingkungan. Tujuan penelitian yaitu untuk menilai kelayakan penerapan *green construction*. Metode yang digunakan yaitu *Analytical Hierarchy Process* (AHP), model penilaian green construction menggunakan *Model Assessment Green Construction*, bantuan aplikasi dengan *Microsoft Excel*. Hasil setelah menganalisis kelayakan penerapan green construction ini diperoleh nilai green construction sebesar 8,73 dari nilai maksimum 13,26.

Kata Kunci : Pemanasan Global, *Green Construction*, AHP, MAGC, dan Kelayakan.

ABSTRACT

The issue of global warming has attracted attention and there has been a lot of outreach to minimize global warming. Green construction is a trusted new concept in development that is able to reduce environmental damage. The research objective is to assess the feasibility of implementing green construction. The method used is the Analytical Hierarchy Process (AHP), a green construction assessment model using the Green Construction Assessment Model, application assistance with Microsoft Excel. The results after analyzing the feasibility of implementing green construction obtained a green construction value of 8.73 from a maximum value of 13,26.

Keywords: Global Warming, Green Contruction, AHP, MAGC, and Feasibility