

# Optimalisasi fungsi peranan taman kota (kajian di Taman Kota Menteng Jakarta Pusat) = The optimisation of city park existence (a study in Taman Menteng Jakarta Pusat) / Swa Abdas Ria Rahayu

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## Abstrak

[<b>ABSTRAK</b><br>

Pertumbuhan kota menyebabkan terjadi adanya alih fungsi lahan yang menyebabkan luasan RTH di Jakarta kurang dari 30%. Hal tersebut berdampak pada penurunan kualitas lingkungan. Keberadaan Taman Menteng memiliki kemampuan untuk mengatasi permasalahan ekologi dan sosial. Penelitian bertujuan menganalisis mengenai fungsi ekologi, sosial, peran serta masyarakat dan upaya dalam meningkatkannya. Metode penelitian dengan menggunakan analisis vegetasi, persamaan alometrik, dan kuesioner yang kemudian dilakukan telaah pustaka. Hasil yang diperoleh yaitu kemampuan menyerap karbon tersimpan sebesar 2,98 tonC/ha. Pohon yang memiliki kemampuan sebagai penyedia habitat burung di Taman Kota Menteng sebesar 31,4%, penyerapan air hujan sebesar 11,42%, estetika sebesar 8,57%, dan fungsi edukasi yang terdapat di Taman Kota Menteng adalah papan informasi. Pengetahuan masyarakat mengenai manfaat keberadaan Taman Menteng terhadap penyedia habitat burung (75%) lebih besar dari pada penyerapan karbon (73%), dan penyerapan air (59%). Sikap masyarakat terhadap keberadaan Taman Menteng adalah sangat baik. Peningkatan fungsi ekologi dan sosial di Taman Menteng dapat dilakukan dengan pemilihan jenis pohon yang memiliki peran ganda, pohon berbuah, dan pemberian papan edukasi pada flora, fauna, dan fasilitas yang ada di Taman Kota Menteng.

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<b>ABSTRACT</b><br>

The growth of the city led to the case for land use that causes an area of green open space in Jakarta is less than 30%. It has an impact on environmental degradation. The existence of Menteng Park has the ability to cope with ecological and social problems. The study aims to analyze the function of ecological, social, community participation and efforts to improve it. The research method using vegetation analysis, allometric equations, and then carried out a questionnaire study of literature. The results are ability to absorb carbon stored by 2.98 tonC/ha. Trees that have the ability as a provider of bird habitat in Taman Menteng City of 31.4%, the absorption of rainwater by 11.42%, amounting to 8.57% aesthetic, and educational functions contained in Menteng City park is an information board. Public knowledge about the benefits of the existence of Taman Menteng against bird habitat providers (75%) greater than the carbon uptake (73%), and water absorption (59%). Public attitudes toward the existence of Menteng Park is very good. Improvement of ecological and social functions at Taman Menteng can be done by selecting the type of tree that has a dual role, fruit trees and provision of educational boards on flora, fauna, and existing facilities in Taman Menteng City., The growth of the city led to the case for land use that causes an area of green open space in Jakarta is less than 30%. It has an impact on environmental degradation. The existence of Menteng Park has the ability to cope with ecological and social problems. The study aims to analyze the function of ecological, social, community participation and efforts to improve it. The research method using vegetation analysis, allometric equations, and then carried out a questionnaire study of literature. The results are ability to absorb

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