



KECERDASAN BUATAN

DALAM MANAJEMEN RISIKO
KEBAKARAN LAHAN GAMBUT



Yuslena Sari

Kecerdasan Buatan dalam Manajemen Risiko Kebakaran Lahan Gambut

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PT YAPINDO JAYA ABADI

Anggota IKAPI: No. 627/DKI/2023

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KATA PENGANTAR

Puji syukur ke hadirat Tuhan Yang Maha Esa atas tersusunnya buku referensi yang berjudul Kecerdasan Buatan dalam Manajemen Risiko Kebakaran Lahan Gambut. Buku ini hadir untuk memberikan pemahaman mengenai konsep, teknologi, dan strategi berbasis sistem cerdas dalam upaya pencegahan kebakaran lahan gambut yang memiliki dampak besar terhadap lingkungan, kesehatan, dan perubahan iklim. Melalui buku ini, pembaca diharapkan dapat memahami bagaimana pemanfaatan teknologi seperti sensor, sistem pemantauan, dan analitik data dapat digunakan untuk deteksi dini dan mitigasi risiko kebakaran.

Buku ini ditujukan untuk masyarakat umum agar mudah dipahami oleh berbagai kalangan, tidak hanya peneliti dan praktisi lingkungan, tetapi juga mahasiswa, pemerhati kebencanaan, aparat pemerintah, serta masyarakat yang peduli terhadap isu lingkungan.

Jakarta, Juli 2026

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Buku referensi berjudul **Kecerdasan Buatan dalam Manajemen Risiko Kebakaran Lahan Gambut** ini membahas pendekatan modern dalam mencegah kebakaran yang sering terjadi pada lahan gambut melalui pemanfaatan teknologi dan pengelolaan lingkungan yang lebih terarah. Isi buku menjelaskan bagaimana sistem pemantauan, deteksi dini, dan pengendalian risiko dapat diterapkan untuk mengurangi potensi terjadinya kebakaran.

Disajikan dengan bahasa yang mudah dipahami, buku ini memberikan gambaran tentang pentingnya kolaborasi antara teknologi, pengelolaan lahan, dan kesadaran lingkungan dalam menjaga ekosistem gambut tetap aman dan berkelanjutan.

Buku ini ditujukan untuk masyarakat umum yang ingin memahami upaya pencegahan kebakaran lahan gambut serta peran inovasi dalam menjaga kelestarian lingkungan.



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