

Pengelolaan risiko dalam kegiatan operasi dan pemeliharaan jaringan irigasi untuk meningkatkan kinerja jaringan irigasi daerah irigasi Cisadane = Risk management in the operation and maintenance of irrigation networks to improve network performance irrigation area of Cisadane

Eka Siwi Agustiningih, author

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Abstrak

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Penelitian ini akan membahas pengelolaan risiko atas permasalahan dalam operasional jaringan irigasi yang dapat dijadikan indikasi atas rendahnya pengelolaan jaringan irigasi seperti kedisiplinan menjaga pola operasi tinggi bukaan pintu dan permasalahan lainnya yang dapat dijadikan indikasi atas rendahnya pengelolaan jaringan irigasi yaitu kondisi fisik jaringan yang disebabkan oleh kurangnya pemeliharaan terhadap jaringan irigasi. Pengelolaan risiko dalam kegiatan operasi dan pemeliharaan jaringan irigasi dilakukan dengan tahapan antara lain identifikasi, analisa, respon dan monitoring kontrol risiko, sehingga didapatkan pengelolaan irigasi yang baik. Dimana dengan pengelolaan jaringan irigasi yang baik maka akan dapat meningkatkan kinerja jaringan irigasi dalam meningkatkan nilai manfaat dan pelayanan irigasi yang optimal.

Analisa data akan diolah menggunakan AHP (Analitical Hierarchy Process) dan analisa level risiko untuk mendapatkan faktor risiko yang dominan dan signifikan. Faktor risiko dominan ini yang kemudian dilakukan validasi untuk mengetahui tindakan atau respon serta rekomendasi tindakan untuk koreksi dan pencegahan yang diperlukan untuk meningkatkan kinerja jaringan irigasi.

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ABSTRACT

This research will discuss a risk management on issues inside the irrigation network operation that can be used as an indication for lack of irrigation network management such as self-discipline to maintain operation of door height openings and other problems that can be used as an indication of poor irrigation network management which is the physical network condition that caused by lack of maintenance to the irrigation network. Risk management in operations and maintenance of irrigation networks conducted in stages, such as the identification, analysis, response and monitoring of risk control, so it get a good irrigation management. Where in a good irrigation network management it will able to improve the irrigation network performance which the increase the benefits value and optimize the the irrigation services.

Data analysis is processed using AHP (Analytical Hierarchy Process) and risk level analysis used to get dominant and significant risk factors. The dominant risk factor

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