

**PERANCANGAN MANAJEMEN RISIKO OPERASIONAL SPBE
KATEGORI SUMBER DAYA MANUSIA KEAMANAN DAN BENCANA
ALAM (STUDI KASUS : DINAS KOMUNIKASI INFORMATIKA
PERSANDIAN DAN STATISTI KABUPATEN BULELENG)**

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ABSTRAK

Penerapan manajemen risiko operasional SPBE di Diskominfosanti Kabupaten Buleleng belum sepenuhnya selaras dengan Permen PAN RB Nomor 5 Tahun 2020 terutama pada identifikasi dan mitigasi risiko pada kategori SDM, Keamanan dan Bencana Alam. Penelitian ini bertujuan merancang manajemen risiko sesuai Permen PAN RB Nomor 5 Tahun 2020 dan menyusun rencana penanganan yang tepat. Metode campuran digunakan dengan pendekatan COBIT 5 *for Risk* untuk mengklasifikasikan 30 risiko negatif ke dalam tiga kategori dan tujuh area dampak. Hasil menunjukkan bahwa sebagian besar risiko masih dapat ditoleransi, namun beberapa memerlukan mitigasi segera. *Output* penelitian berupa 30 rencana penanganan risiko yang mencakup 5 rekomendasi aspek personil, 14 proses, dan 11 teknologi. Hasil ini menjadi dasar penguatan tata kelola risiko SPBE secara sistematis dan berkelanjutan.

Kata Kunci: Manajemen Risiko, SPBE, PermenPAN RB, COBIT 5 *for Risk*, , Evaluasi Risiko, Rencana Penanganan

**DESIGNING OPERATIONAL RISK MANAGEMENT FOR THE
ELECTRONIC-BASED GOVERNMENT SYSTEM: A CASE STUDY ON
HUMAN RESOURCES, SECURITY, AND NATURAL DISASTERS (A
CASE STUDY AT THE DEPARTMENT OF COMMUNICATION AND
INFORMATICS, BULELENG REGENCY)**

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ABSTRACT

The implementation of operational risk management for SPBE at DiskominfoSanti Buleleng Regency is not yet fully aligned with Ministerial Regulation No. 5 of 2020, particularly in identifying and mitigating risks related to human resources, security, and natural disasters. This study aims to design a risk management framework based on the regulation and develop appropriate response plans. Using a mixed-method approach and the COBIT 5 for Risk model, 30 negative risks were classified into three categories and seven impact areas. Most risks were found to be tolerable, though several require immediate mitigation. The study produced 30 risk treatment plans, comprising 5 personnel-related, 14 process-related, and 11 technology-related recommendations. These results provide a foundation for strengthening SPBE risk governance in a systematic and sustainable manner..

Keywords: Risk Management, SPBE, PermenPAN RB, COBIT 5 for Risk, Risk Evaluation, Risk Treatment Plan