

[HOME](#) / [ARCHIVES](#) / [VOL 15 NO 1 \(2020\)](#) / [Conference Pre-prints](#)

Selecting Efficient and Reliable Preservation Strategies

Micah Altman

MIT

Richard Landau

MIT

DOI: <https://doi.org/10.2218/ijdc.v15i1.727>

ABSTRACT

This article addresses the problem of formulating efficient and reliable operational preservation policies that ensure bit-level information integrity over long periods, and in the presence of a diverse range of real-world technical, legal, organizational, and economic threats. We develop a systematic, quantitative prediction framework that combines formal modeling, discrete-event-based simulation, hierarchical modeling, and then use empirically calibrated sensitivity analysis to identify effective strategies.

 PDF

PUBLISHED

29-Sep-2020

ISSUE

[Vol 15 No 1 \(2020\)](#)

SECTION

[Conference Pre-prints](#)

This work is licensed under a [Creative Commons Attribution 4.0](#)

Open Journal Systems

INFORMATION

[For Readers](#)[For Authors](#)[For Librarians](#)

CURRENT ISSUE

[ATOM](#) 1.0[RSS](#) 2.0[RSS](#) 1.0