

# \* SUSTAINABLE DESIGN SOLUTIONS FOR RARE BOOK EXHIBITIONS \*

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## INTRODUCTION

As libraries increasingly prioritize sustainable practices, rare book exhibitions offer a unique opportunity to implement sustainable design solutions. This paper aims to present our solutions for the exhibition and storage of rare books, which promote sustainable, future-oriented practices.



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## MATERIALS & METHODS

Our custom preservation enclosures were crafted using a combination of FSC-recycled and archival, age-resistant materials, which can be easily recycled. The construction of enclosures relied on a simple handheld tools and a minimal quantity of biopolymeric biodegradable adhesive. The idea was to combine traditional design that incorporates advancements in enclosure components and assembly techniques, ensuring their effective integration into sustainable exhibition contexts. Through the adaptation of these purpose-built enclosures, we achieve a dual goal: minimizing material usage and waste while simultaneously providing a chemically stable and safe environment for rare books during exhibitions and storage.

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## RESULTS

The outer design of enclosures showcases minimalist aesthetics, emphasizing functionality and simplicity. However, the interior of the enclosures features slightly more decoration, incorporating both inbuilt and free-standing exhibition components tailored to known book formats. These free-standing components are not only durable and stable, but also reusable for future exhibitions.

## CONCLUSION

The proposed enclosure design considers the economic, environmental and preservation aspects of rare book exhibitions, while also addressing the cultural needs of library users and the general public.

Recycled materials that are easily recycled promote energy saving and minimize waste

Reduction of material is the best solution for solving the problem of municipal waste (McLean, 2001).

Sustainable design solutions encourage maintenance and repair rather than easy disposal.

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