

Title of paper

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Abstract

Example abstract for the High Energy Astrophysics Journal. Here you provide a brief summary of the research and the results.

Keywords: keyword 1, keyword 2, keyword 3, keyword 4

1. Introduction

Here is where you provide an introduction to work and some background. For example building on previous work of image enhancement in optical astronomy (?), [sweere2022deep] developed a method to improve the resolution of X-ray images from XMM-Newton to provide similar spatial resolution to Chandra.

2. Title 2

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2.1. Subsection title

A random equation, the Toomre stability criterion:

$$Q = \frac{\sigma_v \times \kappa}{\pi \times G \times \Sigma} \quad (1)$$

3. Materials and methods

3.1. Study Area and SES Components

This area involves multiple agents of different professions associated with the biodiversity of this region. With the variation of parameters affiliated with this socio-economic system, we can further simulate our measures to be taken with regard to the reference of past data giving input to our system.

Preprint submitted to High Energy Astrophysics

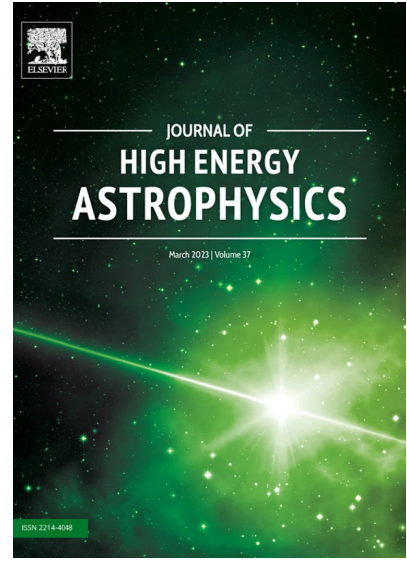


Figure 1: High Energy Astrophysics journal cover

3.1.1. Study Area Description

The study area involves Sunadarbans (Fig. 2), which is the world's largest mangrove forest. Our study is specifically focused on Gabura union under Shayamnagar upazilla of Satkhira District. [sweety2022agent]. Mangrove area provides essential livelihood and ensures environmental protection during natural calamities to the coastal areas and the people residing there. The mangrove forest (Sundarbans) covers an area over 6,017 km² in Bangladesh of its total area of about 10,000 km². The several natural elements of the Mangrove area are contributing to the enrichment of its diversity and making the involvement of diversified community fitting into this livelihood system.

3.1.2. SES Components and Agents

3.2. Model and Method

4. Discussion

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July 25, 2024



Figure 2: Caption of the figure

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Acknowledgements

Thanks to ...

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5. Summary and conclusions

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