# Impact of river sediment yield on sustainable agriculture in Rajapur Municipality, Bardiya

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## Introduction

Rajapur Municipality in Bardiya District, Lumbini Province, Nepal, relies heavily on agriculture, benefiting from its fertile land and abundant water resources. However, river sediment yield presents a significant challenge to sustainable agricultural development, affecting the livelihood of the

## **Research questions**

- How does river sediment yield impact the sustainability of agricultural practices in Rajapur, Bardiya?
- How does sediment deposition affect soil quality, water retention, and crop productivity?

### predominantly farming population.

• What are the socio-economic impacts of sediment yield on local farming communities?



