



Siang Upper Multipurpose Project

[Source: TOI](#)

Recently, **India** raised concerns over China's approval of the world's largest hydroelectric dam on the [Brahmaputra](#), spurring the planning of India's **Siang Upper Multipurpose Project**.

▪ About:

- It is located in the **Upper Siang District, Arunachal Pradesh**, near the **Siang River** (a major tributary of the **Brahmaputra River**).
- The **Siang River**, originating near [Mount Kailash](#) in Tibet as the **Yarlung Tsangpo**, flows eastward for over 1,000 km.
 - It forms a horseshoe bend around **Namcha Barwa** peak before entering Arunachal Pradesh.
 - In Assam, it merges with the **Dibang and Lohit** rivers to become the Brahmaputra.

▪ Strategic Importance for India:

- Designed to counter the impact of China's **hydroelectric projects** on the [Yarlung Tsangpo \(Brahmaputra\)](#), which could affect **India's water security**.
- Reduces the risk of [downstream flooding](#), especially due to **upstream water releases by China**.
- The project will have an **installed capacity** of **11,000 MW**, making it a significant source of **hydroelectric power**.
- Ensures **year-round river flow**, especially during lean seasons, improving water availability and supporting agriculture.
- However, many residents of the **Adi tribe in Upper Siang and Siang districts** fear losing their farmlands and homes due to the proposed project.

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Read More: [China Builds New Dam in Tibet.](#)

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