

## Unraveling Conflict Dynamics in Sudan: A Comprehensive Analysis of Three Decades for Sustainable Development and Peacebuilding

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**Abstract :** This quantitative research explores three decades of conflict data in Sudan, leveraging datasets from Armed Conflict Location & Event Data (ACLED) and Office for the Coordination of Humanitarian Affairs (OCHA). The comprehensive analysis encompasses 12,145 rows and 9 columns, revealing insights into event types, fatalities, and their geographic distribution across 27 states. Descriptive statistics, temporal trends, and spatial analyses contribute to a nuanced understanding of Sudan's socio-political landscape. The findings highlight nine distinct event types with varying fatality counts, emphasizing the diversity in the severity of incidents. Geographic distribution reveals differing degrees of conflict impact across states, with North Darfur emerging as a focal point of significant conflict. Temporal trends uncover critical periods marked by severe disorders, emphasizing the complex and multifaceted nature of conflicts. Text processing and sentiment analysis provide additional layers of insight, detecting prevalent themes such as fatalities, Darfur's regional focus, and the involvement of government forces. These textual findings align with quantitative results, reinforcing the understanding of conflict dynamics. The study concludes with a call for targeted, context-specific interventions to address the unique challenges faced by different regions. The insights generated contribute to evidence-based decision-making for sustainable urban and rural development, health enhancement, and poverty eradication in Sudan.

**Keywords :** conflict dynamics, sustainable development, peacebuilding, Sudan conflicts, event analysis

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