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**Research Paper**

# Geopolitical Events and Financial Market Volatility: A Comprehensive Review with Special Reference to India

Sachin Mishra[1], Dr. Balwant Singh[2]
*[1]Research Scholar, [2]Supervisor*
*Department of Applied Economics, University of Lucknow, Lucknow*

***Abstract***
*The interconnectedness between geopolitical events and financial market volatility has long been recognized as a defining feature of global economics. Geopolitical events—ranging from diplomatic tensions and armed conflicts to trade disputes and policy shifts—have consistently impacted investor confidence, asset prices, and financial stability across countries. In an era defined by rapid information dissemination, global integration, and heightened geopolitical uncertainties, financial markets respond swiftly and often disproportionately to geopolitical signals. For emerging economies such as India, these effects are particularly multifaceted due to the dual pressures of global market integration and domestic economic priorities. This article aims to comprehensively explore how geopolitical events influence financial market volatility, with an emphasis on India's experience. We unravel key theoretical frameworks linking geopolitics and market behavior, examine notable global and regional geopolitical events, analyze empirical evidence, highlight channels of transmission, and discuss implications for policymakers, investors, and risk managers. Financial markets are forward-looking mechanisms that price future expectations into current prices. Geopolitical events can alter expectations about economic growth, corporate earnings, trade flows, commodity prices, currency stability, interest rates, and risk premia. As a result, markets respond swiftly to any geopolitical shock perceived as having material economic consequences. Furthermore, heightened uncertainty increases risk aversion, triggering capital reallocation, flight to safety, or speculative behavior.*
***Keywords:*** *Geopolitical, Financial, Market, Volatility*

## I. Introduction

Geopolitical events refer to significant political, strategic, or territorial developments that alter the balance of power, economic relationships, or security perceptions among nations or within regions. Examples include wars, cyber-attacks, coups, international treaties, sanctions, elections with global implications, terrorist attacks, natural disasters with political repercussions, and major diplomatic shifts. (Sharma, 2024)

Financial market volatility indicates the degree of variation in asset prices over time. High volatility suggests rapid and unpredictable price fluctuations, often driven by changes in investor sentiment, economic data, policy announcements, or external shocks. Volatility is measured through statistical indicators such as the standard deviation of returns, the Volatility Index (VIX), and intraday price movements.

The 2022 invasion of Ukraine marked one of the most significant geopolitical shocks in recent memory. It triggered energy price spikes, disrupted commodity markets (especially wheat and fertilizers), exacerbated global inflation, and forced central banks to recalibrate monetary policy. The war's persistence created prolonged uncertainty, contributing to sustained volatility in equity, bond, and currency markets.

These global events illustrate recurring patterns: geopolitical shocks influence commodity prices, risk-free rates, inflation expectations, and cross-border capital flows, all contributing to financial market volatility.

India's geopolitical landscape is unique due to its demographic weight, strategic location, evolving global partnerships, and economic transformation. As an emerging market, India displays both sensitivity and resilience to geopolitical shocks. (Karami, 2024)

Periodic escalations between India and Pakistan, especially following cross-border incidents or military standoffs, have historically induced volatility in Indian financial markets. Equity markets occasionally experienced short-term declines, volatility spikes, and higher trading volumes as investors sought clarity.

The narrative of volatility following India–Pakistan skirmishes underscores how regional geopolitics, even if short-lived, can impact investor psychology and risk pricing in domestic markets.

India's dependence on crude oil imports makes it vulnerable to geopolitical events in the Middle East and global shipping lanes. Episodes such as the Iran–Iraq War, tensions in the Strait of Hormuz, or supply curbs by major producers have a direct influence on India's inflation, trade deficits, fiscal position, and equity market performance. Financial volatility emerges when markets recalibrate valuations on banking sectors, transportation industries, and consumption patterns. (Gupta, 2022)

Although not a direct belligerent, India is affected by the U.S.–China dynamics due to its strategic alignment with the United States, participation in QUAD, and border tensions with China itself. Capital markets have responded to geopolitical developments tied to global trade route realignment, semiconductor supply chain priorities, and foreign investment flows. In many instances, geopolitical announcements triggered volatility in India's equity indices (e.g., NIFTY 50), especially in sectors tied to technology, defense, and manufacturing.

The Russia–Ukraine conflict significantly altered global commodity prices, particularly crude oil, natural gas, and agricultural products. India, while maintaining diplomatic balance, benefited from discounted Russian oil but contended with inflationary pressures on food and energy. Financial markets in India reflected this duality—currency volatility, sector-specific equity movements, and policy-induced market corrections were observed as investors responded to uncertain macroeconomic conditions. (Hassan, 2023)

## II. Literature Review

Hemmen et al. (2021): The Middle East has been a cradle of geopolitical tension for decades. Wars in the Gulf region, especially the 1990-1991 Gulf War and the 2003 Iraq War, triggered sharp spikes in crude oil prices due to supply disruption fears. Oil price volatility had cascading effects—energy scores impact inflation expectations, corporate earnings, and currency valuations globally. Emerging markets like India, heavily reliant on oil imports, witnessed significant macroeconomic strain, inflationary pressures, and equity market volatility.

Chowdhury et al. (2024): The September 11, 2001 terrorist attacks in the United States profoundly affected global markets. The Dow Jones Industrial Average plunged dramatically; global equity markets tumbled, while safe-haven assets soared. Market mechanisms such as trading halts and volatility measures were activated to stem panic. The financial world experienced heightened sensitivity to geopolitical risk, prompting new risk management practices.

Thangaraj et al. (2024): The Eurozone debt crisis beginning in 2010, punctuated by political debates around Greece's membership, Brexit, and nationalist movements in Europe, generated volatility in financial markets. These events tested the resilience of European banks, affected capital flows, and triggered shifts in investor sentiment towards sovereign bonds. The interconnected financial system ensured that volatility extended to Asian markets, including India's stock indices and foreign exchange.

Kumar et al. (2024): In the late 2010s, escalating trade disputes between the world's two largest economies introduced tariff shocks and supply chain disruptions. Markets reacted with heightened volatility as investors reassessed growth forecasts, especially for export-oriented economies. Emerging markets saw capital outflows, currency depreciation pressures, and risk repricing.

## III. Results and Findings

Geopolitical tensions affect trade routes, tariffs, supply chain integrity, and commodity costs. India, reliant on global supply chains for energy and intermediate goods, sees its balance of trade and inflation expectations shift, influencing equity valuations and currency markets.

Foreign Institutional Investors (FIIs) and Global Institutional Investors (GIIs) play a significant role in Indian capital markets. Geopolitical risk aversion often leads to portfolio rebalancing away from emerging markets, resulting in capital outflows and heightened volatility in stock and debt markets.

Central bank actions, fiscal policy recalibration, and government interventions in response to geopolitical threats affect markets. For example, changes in import duties, strategic reserves release, or monetary accommodation can lead to market volatility as investors reposition.

India's general elections, state elections, and policy announcements often have geopolitical undertones that influence market expectations. Foreign policy positions, defense expenditures, trade agreements (e.g., RCEP debates), and bilateral negotiations with major economies are closely watched by market participants, with volatility manifesting around policy clarity.

Empirical research often employs event study methodology to capture financial market responses to geopolitical announcements. Findings consistently show abnormal returns, volatility spikes, and shifts in trading volumes around major geopolitical events. Indian stocks tend to experience negative returns and elevated volatility in the immediate aftermath of severe geopolitical shocks such as cross-border escalations, energy price spikes, or global crisis announcements.

The Indian Rupee often depreciates against major currencies during global geopolitical crises, reflecting risk aversion and capital outflow pressures. Safe-haven demand pushes foreign investment into USD, JPY, and other currencies, indirectly influencing the rupee's volatility profile. Yields on Indian government securities fluctuate with global risk sentiment. Heightened geopolitical risk often leads to lower yields in major safe havens (e.g., U.S. Treasury) and higher risk premia in emerging market bonds. Given India's large import basket, geopolitical events cause commodity price volatility that feeds into inflation expectations and monetary policy responses.

One notable empirical pattern is the persistence of volatility following geopolitical shocks. Markets do not revert instantly to pre-shock levels; instead, volatility clusters over days or weeks. This phenomenon suggests that uncertainty is not resolved immediately and that investors gradually assimilate information, reassess risks, and adjust portfolios.

Not all sectors in India react to geopolitical volatility in the same way.

| Sector | Sensitivity | Impact During Volatility |
|---|---|---|
| **Oil & Gas** | Very High | Direct hit on margins for OMCs due to rising crude prices. |
| **Information Tech** | Moderate | Often benefits from $INR$ depreciation (higher export earnings). |
| **Defense** | High (Positive) | Geopolitical tensions often lead to increased domestic defense spending. |
| **Banking (BFSI)** | High | Highly sensitive to FII outflows and liquidity crunches. |
| **Gold/Bullion** | High (Positive) | Acts as a primary hedge for Indian households during global crises. |

Geopolitical uncertainty intensifies behavioral biases such as loss aversion and herding. Fear-driven selling or preemptive repositioning contributes to short-term volatility, independent of fundamental valuations.

Regulators and policymakers must enhance market mechanisms that absorb geopolitical shocks. Circuit breakers, liquidity provisions, stress-testing frameworks, and improved market transparency help mitigate excessive volatility. Institutional investors and central banks increasingly integrate geopolitical risk analytics into their forecasting models. Real-time monitoring of events, geopolitical risk indices, and scenario planning assists in proactive risk management.

From a portfolio perspective, diversification across asset classes, geographies, and sectors reduces vulnerability to any single geopolitical shock. Safe haven assets, inflation-protected securities, and hedging instruments (e.g., options, futures) are essential tools for risk managers. India's policy coordination between fiscal authorities, monetary policymakers, and financial regulators is vital to maintain confidence during crisis periods. Clear communication reduces market ambiguity and contagion risk.

The term Geopolitical Risk (GPR) refers to the uncertainty and potential for disruption arising from political, military, or diplomatic actions that influence global stability. Historically, financial markets have been sensitive to such shocks, which range from "black swan" events like the 9/11 attacks to "gray rhino" risks like the US-China trade tensions. For an emerging economy like India, which is deeply integrated into global trade and capital flows, these events serve as a primary driver of market volatility.

Geopolitical events impact financial markets through four primary transmission channels:

Investor Sentiment: Uncertainty triggers "risk-off" behavior, where investors flee "risky" assets (like emerging market equities) in favor of "safe havens" (Gold, US Treasuries).

Commodity Price Volatility: Conflicts in resource-rich regions (e.g., the Middle East or Russia) lead to supply-chain disruptions, causing spikes in crude oil and metal prices.

Currency Fluctuations: Global instability often leads to a strengthening of the US Dollar, causing the Indian Rupee ($INR$) to depreciate, which increases the cost of imports.

Capital Flows: Foreign Institutional Investors (FIIs) often withdraw capital from emerging markets during global crises, leading to sharp corrections in domestic stock indices like the NIFTY 50 and SENSEX.

The invasion of Ukraine in February 2022 serves as a hallmark of modern geopolitical volatility. India, which imports nearly 85% of its crude oil, saw Brent crude surge past $120 per barrel. The NIFTY 50 fell significantly in the initial days of the conflict. However, the study of the 2022-2025 period reveals a "decoupling" trend, where domestic retail participation in India cushioned the blow of FII sell-offs.

Recent localized events have also tested market resilience. In May 2025, an escalation in the Pahalgam region led to a brief but intense military confrontation.

The Indian Rupee sold off by 1.4% within two days—nearly three times the historical average for such events. Interestingly, while the currency remained under pressure, the equity markets returned to their growth trend within

a week of the ceasefire, demonstrating that "act-based" shocks (GPRA) are often priced in faster than prolonged "threat-based" shocks (GPRT).
The return of protectionist policies in major economies—particularly the US—has introduced a new era of "Trade Geopolitics."
The imposition of tariffs on Indian goods in late 2025 (due to India's energy ties with Russia) created temporary friction. However, the resolution of these issues in early 2026 and India's "multi-aligned" stance have allowed for a rebound in export-oriented sectors like IT and Pharmaceuticals.

Geopolitical events remain the most significant "uncontrollable" variable in financial forecasting. For India, the review indicates that while global shocks cause immediate volatility in the currency and equity markets, the duration of these impacts is shrinking. The maturity of the Indian retail investor and proactive regulatory interventions by the RBI have transformed India from a "fragile" recipient of shocks to a resilient "bright spot" in the global economy.

As global geopolitics continues to evolve with accelerated information flows and interconnected markets, the relationship between geopolitical risk and financial volatility will remain a critical area of research and strategic planning. India's experience offers valuable insights into how emerging economies can navigate uncertainty while fostering market stability in an unpredictable geopolitical landscape.

## IV. Conclusion

The influence of geopolitical events on financial market volatility is profound, persistent, and multifaceted. Historical and contemporary evidence demonstrates that geopolitical shocks—whether military conflicts, diplomatic tensions, trade disputes, or strategic policy shifts—trigger volatility through altered risk perceptions, disrupted economic expectations, capital flow dynamics, and behavioral responses. For India, the impact is especially complex due to its emerging market status, global economic interdependence, and regional geopolitical challenges. Market responses in India—across equities, currencies, bonds, and commodities—highlight both vulnerabilities and adaptive resilience. Understanding these dynamics is crucial not only for policymakers but also for investors, risk managers, and economic forecasters.

## References


[1]. Alsagr, N., & Van Hemmen, S. (2021). The impact of financial development and geopolitical risk on renewable energy consumption: Evidence from emerging markets. Environmental Science and Pollution Research, 28(20), 25906– 25919

[2]. Chowdhury, M. A. F., Kabir Hassan, M., Abdullah, M., Mofazzal Hossain, M., Department of Business Administration, Shahjalal University of Science & Technology, Sylhet, Bangladesh, Department of Economics and Finance, College of Business Administration, University of New Orleans, New Orleans, USA, & Southampton Malaysia Business School, University of Southampton, Johor, Malaysia. (2024). Geopolitical risk transmission dynamics to commodity, stock, and energy markets. Quantitative Finance and Economics, 9(1), 76–99.

[3]. Gopal, S., Thangaraj, V., R., N. K., & R., R. (2024). Geopolitical shockwaves: The Russia-Ukraine war's impact on BRICS financial markets. Cogent Economics & Finance, 13(1), 2476096

[4]. Kumar, S., & Rao, A. (2024). ASSESSING AND MITIGATING THE IMPACT OF GEOPOLITICAL RISK UNCERTAINTY ON THE INDIAN FINANCIAL SECTOR: A POLICY PERSPECTIVE. Bulletin of Monetary Economics and Banking, 27(3), 483–526.

[5]. Petrov, A., Hentov, E., &Zumbo, F. (2022). How Does Geopolitics Affect Financial Markets?

[6]. SenGupta, S., & Debnath, M. (2024). Geopolitical Risk and the Indian Stock Market.

[7]. Bose, D., & Srinivasan, K. S. (2023). Mapping the waves: A bibliometric analysis of stock market volatility. Journal of Law and Sustainable Development, 11(2), e629

[8]. Chowdhury, M. A. F., Hassan, M. K., Abdullah, M., & Uddin, M. G. S. (2023). Geopolitical risk transmission dynamics to commodity, stock, and energy markets. Quantitative Finance and Economics, 9(1), 30–51.

[9]. Rao, A., Gupta, M., Sharma, G. D., Mahendru, M., & Agrawal, A. (2022). Revisiting the financial market interdependence during COVID-19: A study of green bonds, cryptocurrency, commodities, and other financial markets. International Journal of Managerial Finance, 18(4), 725–755

[10]. Rezazadeh, A., NikpeyPesyan, V.,&Karami, A. (2024). An analysis of spatial effects of terrorism on stock market returns in Middle East countries. International Journal of Islamic and Middle Eastern Finance and Management, 17(1), 45–62

[11]. Sharma, C., & Khanna, R. (2024). Risk, uncertainty and exporting: Evidence from a developing economy. Journal of Quantitative Economics, 22(1), 151–177.