

Global Recession and Contributing Factors

Reyansh Baid

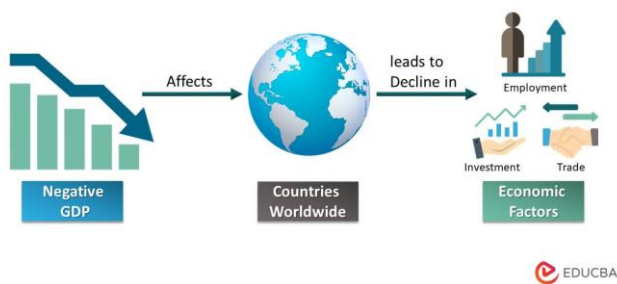


Abstract: This research study discusses the versatile nature of global recessions, outlining their causes, implications, and strategies for recovery. It delves into factors such as financial crises, declining consumer spending, trade contractions, business investment decline, monetary and fiscal policy changes, commodity price shocks, credit crunches, housing market collapses, and geopolitical events, all of which contribute to economic downturns. The consequences of global recessions, including unemployment, bankruptcies, reduced investment, financial instability, and budget pressures, are examined. The paper proposes a recovery plan that encompasses fiscal stimulus, monetary policy adjustments, financial sector stability, trade facilitation, and support for small businesses, labor market reforms, social safety nets, international coordination, debt relief, long-term investment, and regulatory reforms. The importance of tailored strategies, transparency, equity, and collaboration is emphasized for a comprehensive and resilient recovery from global recessions. The abstract concludes by underlining the need to draw lessons from history, adapt to changing economic landscapes, and remain agile in policymaking to promote stability and prosperity.

Keywords: Recessions, Economic degeneration, GDP, Trade, Global recessions, Financial conditions, Corporate confidence, International Monetary Fund, Capital flows, Oil consumption, Unemployment, Commodity prices, Monetary policy tightening, Fiscal policy changes, Price shocks, Credit crunch, Housing market collapse, Geopolitical events, Interest rates, Labor market reforms, Social safety nets, International coordination, Debt relief, Long-term investment

I. INTRODUCTION

Global Recession



(Figure 1: Global Recession)
(Source: EDUCBA, 2023)

Recessions are brief periods of temporary economic degeneration marked by a drop in GDP over two consecutive quarters resulting in a corresponding reduction in trade and industrial activity.

Global recessions refer to situations in which significant economic and financial disruptions occur concurrently in different nations worldwide. Financial conditions tend to tighten, corporate confidence to fall, and policy uncertainty to rise during global recessions. A global recession, according to the International Monetary Fund and the World Bank, is defined as a yearly fall in the actual global GDP per person that is accompanied by a significant decline in several other economic activity indicators, such as industrial production, trade, capital flows, oil consumption, and unemployment (Kose and Ohnsorge, 2021). Financial crises, social turmoil, and political instability can result from global recessions, profoundly affecting people, businesses, and governments.

A global recession is a significant economic downturn that impacts multiple countries and regions across the world, characterized by a sustained period of negative economic growth, reduced trade, heightened unemployment rates, and general economic disorder. This phenomenon has far-reaching implications, affecting businesses, governments, and individuals alike. Understanding the factors that contribute to a global recession is crucial for economists, policymakers, and the general public, as it enables proactive measures to mitigate its severity and duration (Alicandro et al., 2019).

Several interconnected factors can trigger or exacerbate a global recession, such as disruptions in the financial sector, banking crises or stock market crashes, which can erode investor confidence and lead to a cascading effect on economic activity. Additionally, shifts in consumer behavior, changes in government policies, fluctuations in commodity prices, and imbalances in international trade can all play pivotal roles in driving the onset and propagation of a global recession. By understanding these contributing elements, we can gain insights into how economies are interconnected on a global scale and explore potential strategies to foster economic resilience and recovery in the face of such challenging times (Grigoryev and Pavlyushina, 2020).

II. FACTORS OF GLOBAL RECESSION

There are some factors that gradually push the world towards global recession. War between countries, per capita GDP decline, job losses, decreasing purchasing power, drying demand and decreasing investments and many more factors can act as significant agents of global recession.

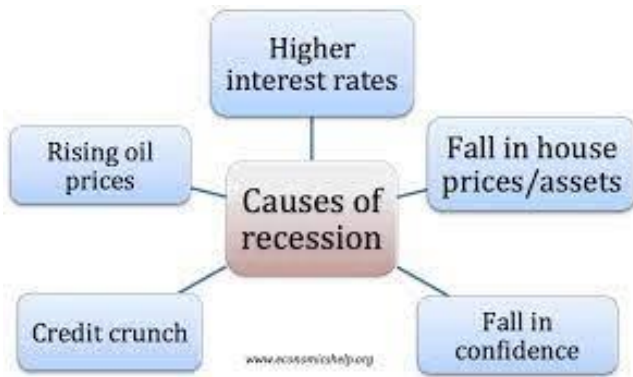
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* Correspondence Author (s)

Reyansh Baid*, Department of Economics, Modern School Vasant Vihar, W- 151 2nd floor Greater kailash 2 New Delhi. India. E-mail: reyanshbaid1911@gmail.com

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(Figure 2: Common Causes of Global Recession)

(Source: Economicshelp, 2022)

Financial Crisis: Financial crises are abrupt and severe disruptions within the financial system, characterized by stock market crashes, banking failures, and credit squeezes. These events erode investor confidence, triggering a domino effect of reduced lending, business contraction, and economic decline. Rooted in factors like speculative bubbles, risky lending practices, or inadequate regulatory oversight, financial crises have far-reaching consequences. They undermine economic stability, lead to job losses, and often necessitate government interventions and bailouts to stabilize markets (Shibata, 2020). The 2008 financial crisis is a notable example, highlighting how interconnected global financial systems can amplify the impact of such crises.

Decline in Consumer Spending: A significant factor contributing to global recessions is the decline in consumer spending. When uncertainty prevails or economic confidence diminishes, consumers tend to limit their expenditure on non-essential items. This reduction in demand reverberates through various industries, prompting businesses to cut production, leading to job losses and reduced economic activity. Consumer spending, being a driving force of economic growth, plays a pivotal role. Its decline can create a cycle of economic contraction, impacting not only individual livelihoods but also the overall health of economies on a global scale (Ku et al., 2020).

Trade Contractions: Trade contractions occur when international trade experiences significant declines due to factors such as trade disputes, protectionist policies, or disruptions in global supply chains. These contractions can have far-reaching consequences, impacting businesses' access to markets, reducing export opportunities, and increasing import costs. As trade diminishes, economic growth slows, affecting industries and employment across multiple countries. The resulting uncertainty and reduced cross-border economic activity contribute to the overall global economic slowdown, potentially exacerbating the conditions leading to a recession.

Business Investment Decline: Business investment decline refers to a reduction in the amount of capital that companies allocate to expanding or upgrading their operations (Ku et al., 2020). This can occur due to various factors, such as economic uncertainty, changes in market conditions, or unfavorable government policies. When businesses curtail their investment plans, it can lead to

decreased economic growth, reduced job creation, and overall economic stagnation. This decline in business investment has a ripple effect throughout the economy, impacting sectors ranging from manufacturing to technology and construction.

Monetary Policy Tightening: Monetary policy tightening involves a central bank's deliberate actions to raise interest rates and reduce the money supply in an economy. This is typically done to control inflation, maintain currency stability, and prevent the economy from overheating (Stavrakeva and Tang, 2019). While tightening can curb excessive borrowing and spending, it can also lead to higher borrowing costs for businesses and individuals, potentially slowing economic activity. Striking the right balance between inflation control and economic growth is a delicate challenge that requires careful consideration of various economic indicators and their potential impacts on the broader financial landscape.

Fiscal Policy Changes: Fiscal policy changes involve adjustments in government spending and taxation. Sudden shifts in these policies can impact consumer and business confidence, potentially leading to economic slowdowns. For instance, reducing government spending or raising taxes can limit consumer purchasing power and business investments, contributing to a contraction in economic activity (Guénette, Kose and Sugawara, 2022). On the other hand, increasing government spending or lowering taxes can stimulate demand, aiding economic growth. The effectiveness of fiscal policy depends on timing, magnitude, and alignment with broader economic conditions.

Community Price Shocks & Credit Crunch: Community price shocks, sudden and significant fluctuations in essential resources costs like oil and food, can disrupt economies. These shocks impact production costs, leading to inflation and reduced consumer purchasing power. Industries reliant on these commodities often face decreased profitability, while households grapple with higher living expenses. Such shocks can trigger economic slowdowns as businesses cut back and consumers curtail spending, amplifying recessionary pressures (Erten and Ocampo, 2021). A credit crunch ensues when lending becomes constrained due to stricter borrowing criteria, causing reduced access to credit for customers and businesses. This contraction in available credit can dampen spending and investment contributing to economic slowdowns or recession.

Housing Market Collapse: A housing market collapse entails a sudden and substantial decline in real estate values. This can lead to widespread financial instability, as homeowners experience reduced wealth, construction and related industries suffer job losses, and mortgage defaults increase. The resultant economic contraction is fueled by decreased consumer spending, weakened investor confidence and potential banking crisis. The 2008 recession is a stark example of how a housing market collapse can trigger a global economic downturn (Lioudis, 2019).

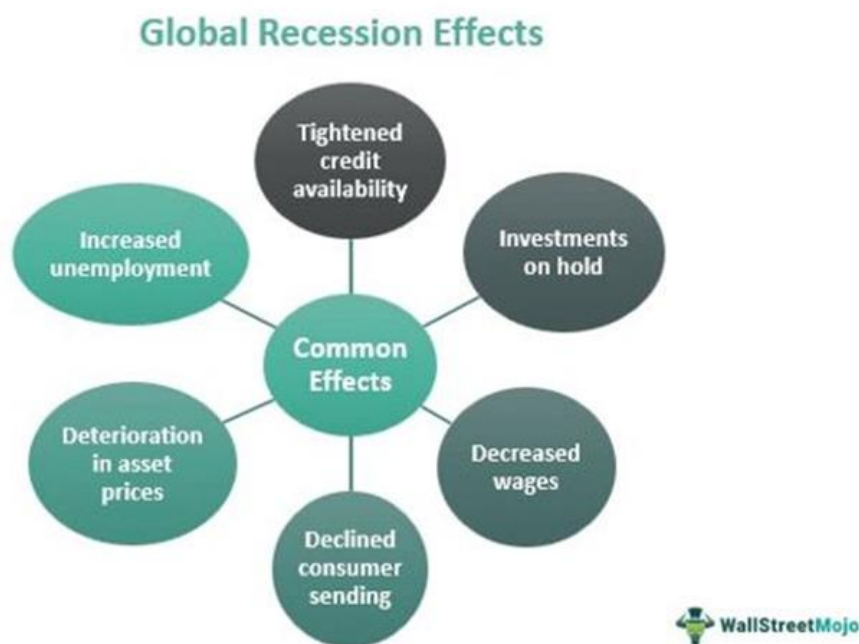
Geopolitical Events: Geopolitical events like wars are reasons for global recession.

Wars impede economic activity and, if the circumstances are right, can cause a global recession. For instance, countries like Germany, the UK, and Italy have entered a recession due to their substantial reliance on Russian gas for home heating and heavy industry. As the conflict between Ukraine and Russia continues, EU countries have stopped purchasing Russian gas to support the Ukrainian cause. Europe's leading sectors have had difficulty maintaining their usual output levels because there are few alternatives. As a result, there is an energy crisis, and many European countries are experiencing hardship, lower disposable income, and other economic issues due to the dramatic increases in gas prices (Liadze et al., 2023).

The responsibility for using specific fiscal measures to handle the problem falls on separate Central Banks because

several significant economies worldwide are struggling with inflation. To solve the problem, interest rates should be raised. However, the long-term repercussions of this approach cause countries to wobble dangerously on the brink of recession. For instance, the US Federal Reserve recently increased interest rates by 0.5%, the highest level since the global financial crisis in 2008. The Bank of England, on the other hand, increased interest rates for 2022 alone by nine percentage points, to 3.5%. Events like pandemics, such as the COVID-19 pandemic, can have profound impacts on global economies due to widespread lockdowns, reduced consumer spending, disrupted supply chains, and more.

III. IMPACTIONS OF FACTORS OF GLOBAL RECESSION



(Figure 3: Effects of Global Recession)

(Source: Wallstreetmojo, 2023)

Global recessions are complex economic events that have far-reaching implications for countries, industries, and individuals around the world. The causes of global recessions can vary, but some common factors include financial crises, economic imbalances, trade disruptions, and external shocks etc. High unemployment and salary decreases are consequences of the global economic recession. Workers are laid out as business attempts to stop their losses from worsening. Because of the increased unemployment rate and lower salaries, consumers are forced to cut back on their spending which magnifies the effects of the recession. Additionally, investors hold off on purchasing and selling their existing investments, which causes the price of hazardous assets to crash (Bonaparte, 2020). Because of this, financial institutions frequently experience defaults that deplete their net worth and occasionally result in bankruptcies. In addition, the price of safe-haven assets like gold rises as investors seek them out to protect their money.

Unemployment & Reduced Consumer Spending: During a recession, businesses often cut back on production and hiring, leading to higher unemployment rates. This results in reduced income for individuals and families, leading to decreased consumer spending and weaker demand for goods and services. Consumer confidence tends to decline during recessions, as people become more cautious about their financial prospects. This leads to reduced consumer spending, which is a major driver to economic growth (Sumner et al., 2020).

Bankruptcies and Declined Investment: Many businesses, especially small and medium-sized enterprises, may struggle to survive during a recession due to reduced sales and cash flow. This can lead to business closures and bankruptcies, causing a ripple effect throughout supply chains and local economies.



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Businesses often postponed or cancel capital expenditures and investments during a recession due to uncertainty about future economic conditions. This reduction in investment can lead to lower productivity growth a hinder long term economic expansion.

Financial Instability & Budget Pressures: Recessions can expose weakness in financial systems and institutions. Banking crisis, credit market freezes and stock market declines and destabilize the financial sector and have systematic implications for the entire economy (Vidal, 2021). During recessions government revenues often decrease due to lower economic activity, which can strain public finances. Government may face pressure to increase spending on social safety nets and stimulus programs to support households and businesses, leading to budget deficits.

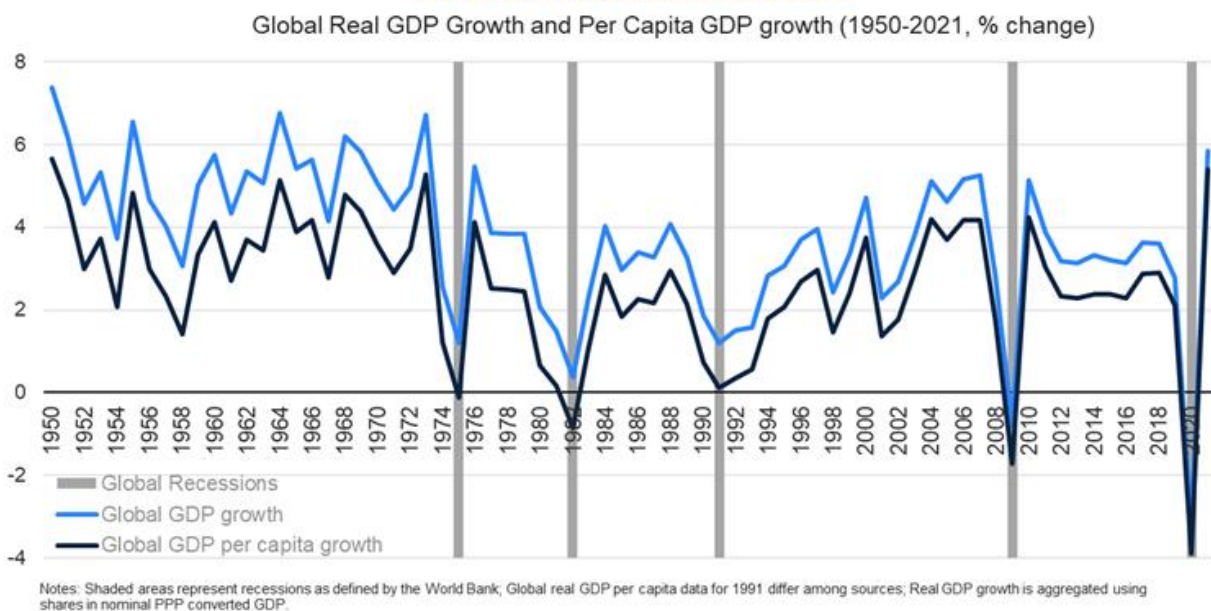
Global Trade Disruptions and Currency Depreciation: Trade disruptions such as tariffs or trade wars, can contribute to economic downturns. Reduced international trade can lead to decreased export revenues for countries heavily reliant on trade, as well as disruptions to supply chains. Economic uncertainty can lead to currency

depreciation, making imports more expensive and potentially triggering inflation. Additionally, investors might seek safer assets in other countries, leading to capital flight and weakening domestic financial markets (Brahmachary, 2022).

Austerity Measures & Socio-Political Unrest: In some cases, government might implement austerity measures, including tax hikes and spending cuts, to address budget deficits during a recession. While these measures are intended to restore fiscal health, they can also exacerbate economic contraction in the short term. Prolonged recessions can contribute to social and political unrest. High unemployment and economic hardship can lead to dissatisfaction with governments and policies, potentially causing protests, strikes or forms of social disruption.

Long Term Economic Scarring: Recessions can have lasting effects on an economy. Prolonged periods of low growth can result in “economic scarring”. In such cases the potential productive capacity of an economy is permanently reduced due to factors like discouraged workers leaving the labor force or reduced investment in human capital (Cerra, Fatás and Saxena, 2020).

Global Recessions



(Figure 4: Previous Global Recessions Declining Global GDP and Global GDP Per Capita Growth)

(Source: The Conference Board, 2023)

The economic downturn significantly impacts the government. With raising unemployment rates this circumstance arises, necessitating the creation of as many jobs as feasible by the government. Loans to international banks increased dramatically as a result. Tax and non-tax revenues are also goes low due to the recession. The community's declining financial situation and real estate values are to blame. As a result, less VAT (Value Added Tax) reaches the state treasury. On the other hand, the government is still supported in its efforts to develop the public sector and ensuring societal welfare is one of them. The nations have a budget imbalance and higher government debt due to the numerous resource demands and the decline in tax collection (McNichol, Leachman and Marshall, 2020).

An economic downturn has to potential to bankrupt a business. This is because people's declining purchasing power, which in turn is causing firm revenue to drop and endangering cash flow. To increase employee productivity, the organizations ultimately reduce operational costs and liquidate less lucrative business units. Workers are also impacted by the recession affects, which both the governments and businesses feel. Many people have lost their jobs as a result of layoffs due to business sections that have been closed and employee efficiency efforts to cut operational costs.



Deductions from salaries hurt employees even if they are not affected by layoffs, causing societal unrest, widespread inequality, and also a high crime rate (Deo, Kumar and Sharma, 2022).

During a recession, both large and small businesses see a fall in sales and profits. Additionally, they might limit access to financing, hinder collections, and cause business bankruptcy. And while recessions can affect businesses differently, depending on their size and type, some difficulties can be anticipated. For instance, a small consulting firm can need help with cash flow because clients put off paying invoices. In contrast, a Fortune 500 company could minimize costs by eliminating positions and negotiating better terms with suppliers. Knowing how a recession can affect company or business can assist in preventing it from going out of business during the subsequent slump (Sull and Sull, 2022). The implication of global recession can vary depending on the severity of the downturn, the specific causes, and the privacy responses implemented by governments and international organizations to mitigate its effects.

IV. RECOVERY PLAN FOR GLOBAL RECESSION

Recovering from a global recession requires a combination of effective economic policies, international cooperation, and adaptive strategies.

Fiscal Stimulus: Fiscal stimulus involves governments increasing public spending and reducing taxes to inject funds into the economy during a recession. This approach aims to stimulate consumer and business spending, create jobs, and boost economic activity. By funding infrastructure projects, social programs, and targeted initiatives, governments aim to counter the negative impact of reduced demand (Bianchi et al., 2019). Effective fiscal stimulus can help stabilize economies, restore confidence, and pave the way for recovery. However, finding the right balance is crucial to prevent excessive debt accumulation and ensure that funds are allocated efficiently to support long-term growth and address specific economic challenges.

Monetary Policy: Monetary policy plays a vital role in post-recession recovery. Central banks employ tools like interest rate adjustments and quantitative easing to stimulate economic activity. By lowering interest rates, borrowing becomes cheaper, incentivizing businesses and individuals to invest and spend. Quantitative easing involves buying financial assets to inject liquidity into markets, encouraging lending and boosting demand (Eberly, Stock and Wright, 2019). However, a delicate balance is crucial to prevent inflation. Clear communication of central bank intentions maintains market confidence. Effective monetary policy can help revive lending, stimulate investment, and support overall economic growth during the challenging aftermath of a global recession.

Financial Sector Stability: Maintaining financial sector stability is vital post-recession. Stringent regulation and supervision should be upheld to bolster trust and prevent systemic risks. Swift intervention and liquidity support for struggling institutions ensure solvency and prevent contagion. Transparency in communication and stress testing enhance market confidence. By addressing bad loans,

promoting prudent lending, and fortifying capital buffers, the financial system becomes more resilient (Schularick, Steffen and Tröger, 2020). These measures collectively mitigate uncertainties, encourage investment, and facilitate economic recovery while minimizing the chances of future crises.

Trade Facilitation: Trade facilitation plays a pivotal role in global recession recovery by reducing trade barriers, streamlining customs processes, and enhancing cross-border logistics. Simplified regulations, improved infrastructure, and digital platforms expedite the movement of goods, bolstering international trade. This stimulates economic activity, creates jobs, and boosts revenues, aiding in the recovery process. By fostering open markets and addressing trade disputes, countries can amplify trade's contribution to economic growth, fostering stability and resilience in the face of global economic challenges.

Support for Small Businesses: Supporting small businesses is crucial in post-recession recovery (Dua et al., 2020). By offering financial aid, streamlined access to credit, and reduced regulatory burdens, governments can help these enterprises regain their footing. This aids in presenting jobs, fostering innovation, and revitalizing local economics. Targeted training and networking programs can also enhance the resilience and competitiveness. Such measures collectively empower small business to contribute significantly to overall economic revival, ensuring a more inclusive and robust recovery process.

Labor Market Reforms: Governments can foster resilience by updating employment policies, promoting workforce retaining, and embracing flexible labor arrangements. Encouraging skill development helps workers adapt to evolving industries, reducing unemployment. Streamlined regulations and incentives for hiring also bolster job creation (Kolluru, Hyams-Ssekasi and Rao, 2021). A dynamic labor market, characterized by mobility and adaptable skills, enhances economic agility and minimizes the impact of future downturns.

Social Safety Nets: These programs, encompassing unemployment benefits, food assistance, and healthcare, provide a cultural safety net for individuals and families facing economic hardships. By offering financial support and essential services, social safety nets help maintain basic living standards, prevent extreme poverty, and stabilize consumer spending. Such measures not only alleviate immediate suffering but also contribute to overall economic stability by bolstering demand, minimizing the risk of social unrest, and facilitating a quicker recovery as people are better equipped to participate in the economy once conditions improve (Matsaganis, 2020).

International Coordination: Collaborative efforts among countries and global institutions can synchronize policy responses, stabilize financial markets, and promote trade. Coordinated monetary and fiscal measures enhance their collective impact, mitigating the global economic downturn's severity.

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Transparent information-sharing and harmonized regulations bolster investor confidence; while joint initiatives address cross-border challenges like supply chain disruptions. Such cooperation fosters resilience on a global scale, facilitating a smoother path toward recovery from the challenges posed by a recession.

Debt Relief: Debt relief plays a crucial role in post-recession recovery by alleviating the financial burdens of heavily indebted countries. By restricting or forgiving portions of their debt, these nations can redirect resources toward essential services, infrastructure, and social programs (Piskorski and Seru, 2021). This not only supports economic growth but also enhances the country's capacity to invest in sustainable development. However, debt relief should be balanced with responsible fiscal management to maintain credibility in international financial markets and ensure long term stability. Collaborative efforts among creditors, international institutions, and recipient nations are pivotal in crafting effective and sustainable debt relief strategies.

Long-term Investment: By channeling resources into sustainable infrastructure, renewed energy, and education, economies can cultivate innovation, enhance productivity, and create enduring employment opportunities. This strategy not only stimulates immediate growth but also establishes a foundation for resilient, forward-looking economics. Long-term investment bolsters competitiveness, reduces dependency on volatile sectors, and aligns nations with evolving global trends, fostering stability and prosperity over time (Barbier, 2020).

Regularity Reforms: Streamlining and modernizing regulations can reduce bureaucratic hurdles for businesses, encouraging investment and innovation. By fostering a more competitive and transparent, these reforms enhance market dynamics and stimulate growth. Striking a balance between oversight and flexibility allows businesses to adapt effectively, while consumer and investor confidence is bolstered through clear, fair, and enforceable rules. Such reforms can catalyze economic resurgence by unleashing entrepreneurial potential and promoting a resilient, adaptable economy.

Moreover, some other techniques to keep in mind while making policies are, building confidence through transparent communication, developing strategies to enhance economic resilience against future shocks and by ensure that recovery efforts are equitable (Wu et al., 2023). It is important to tailor recovery strategies to the specific economic conditions and challenges faced by each country. Collaboration between governments and the civil society is essential to achieving a sustainable and robust recovery from global recession.

Recommendation

The government and monetary authorities must work to boost aggregate demand (consumer spending, investment and exports) to prevent a recession. They may or may not be successful. It will depend on the regulations and the factors that led to the recession.

Lowering interest rates should increase overall demand. Lower interest rates, among other things, result in smaller mortgage interest payments and more excellent disposable money for households. Further encouraging businesses and

consumers to spend rather than conserve are lower interest rates. Lower interest rates effects the monetary authorities may strive to lower other interest rates. For instance, the central bank could purchase mortgage securities or government bonds. Purchasing these bonds lowers interest rates and encourages consumers spending.

The reserve banks may need to implement unconventional monetary measures if interest rates are zero. To purchase long-dated security, the reserve banks electronically create money as part of quantitative easing. As a result, bank's reserves rise, which should promote bank lending. Additionally, it lowers bond interest rates, which ought to promote investment and consumption.

Despite of taking preventive measures, sometimes recession seems unavoidable. In such times some actions should be taken to deal with the globally expanding recession. Actions like Fiscal prudence, monetary flexibility and financial sector vigilance can prove crucial. Reducing dependency on a single market or sector by diversifying trade relationships and focusing on industries with sustainable growth potential can help. Additionally, developing contingency plans and policy frameworks that can be swiftly activated in response to emerging risks or external shocks can prove to be critical to deal with recession. Investing in human capital, innovation and structural reforms can encourage people to fight this recessionary phase. Mechanisms and visionary economists, who monitor economic indicators and identify early signs of potential risks, can be a big help in this situation; their suggestions can make a difference and provide a chance for timely interventions.

V. CONCLUSION

The intricate interplay of diverse factors contributes to the emergence and propagation of global recessions, affecting economies, industries, and people on a global scale. As illustrated by the historical context and analyses, financial crises, declining consumer spending, trade contractions, business investment declines, monetary policy tightening, fiscal policy changes, commodity price shocks, credit crunches, housing market collapses, geopolitical events, and more can collectively precipitate and deepen economic downturns. The implications of such recessions are multifaceted, extending beyond economic indicators to societal well-being, political stability, and international relations.

To navigate and recover from global recessions, comprehensive strategies are essential. Policymakers and central banks can utilize fiscal stimulus, monetary policy adjustments, and financial sector stability measures to reignite economic activity and restore market confidence. Targeted support for small businesses and labor market reforms can facilitate sustainable job creation, fostering resilience. International cooperation, debt relief initiatives, and long-term investments in critical sectors can collectively fortify global economies against future shocks.



A tailored approach, sensitive to local contexts, is crucial for effective recovery. Transparent communication, equitable distribution of benefits, and the implementation of flexible strategies are key to ensuring a more inclusive and robust resurgence. Governments, civil society, and international institutions must collaborate to forge pathways to recovery that safeguard livelihoods, foster innovation, and promote enduring economic growth.

In navigating the tumultuous waters of global recession, it's imperative to draw lessons from history, adapt to evolving economic landscapes, and remain agile in policy-making. By acknowledging the complex web of factors that contribute to global recessions and implementing timely and effective strategies, the global community can mitigate the impact of these challenging economic episodes, foster stability, and lay the groundwork for a more prosperous and resilient future.

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REFERENCES

- Kose, M.A. and Ohnsorge, F. eds., 2021. *A decade after the global recession: Lessons and challenges for emerging and developing economies*. World Bank Publications.
- Alicandro, G., Malvezzi, M., Gallus, S., La Vecchia, C., Negri, E. and Bertuccio, P., 2019. Worldwide trends in suicide mortality from 1990 to 2015 with a focus on the global recession time frame. *International journal of public health*, 64, pp.785-795.
- Grigoryev, L. and Pavlyushina, V., 2020. Global recession and income inequality: Factors of disruption for elites in the twenty-first century. *Global Governance in Transformation: Challenges for International Cooperation*, pp.275-297.
- Shibata, M.I., 2020. *The distributional impact of recessions: the global financial crisis and the pandemic recession*. International Monetary Fund.
- Ku, S., Cavusgil, S.T., Ozkan, K.S., Pinho, C.R.D.A., Pinho, M.L.C.D.A., Poliakova, E., Sanguineti, F. and Sharma, S., 2020. The great lockdown recession and international business. *Rutgers Business Review*, 5(1), pp.113-135.
- Stavrakeva, V. and Tang, J., 2019. The dollar during the great recession: US monetary policy signaling and the flight to safety.
- Guénette, J.D., Kose, M.A. and Sugawara, N., 2022. Is a Global Recession Imminent?. Available at SSRN.
- Erten, B. and Ocampo, J.A., 2021. The future of commodity prices and the pandemic-driven global recession: Evidence from 150 years of data. *World Development*, 137, p.105164.
- Lioudis, N., 2019. The collapse of Lehman Brothers: A case study. *Journal of Investment Banking*, 11(1), pp.34-36.
- Liadze, I., Macchiarelli, C., Mortimer-Lee, P. and Sanchez Juanino, P., 2023. Economic costs of the Russia-Ukraine war. *The World Economy*, 46(4), pp.874-886.
- Sumner, R.C., Bennett, R., Creaven, A.M. and Gallagher, S., 2020. Unemployment, employment precarity, and inflammation. *Brain, Behavior, and Immunity*, 83, pp.303-308.
- Vidal, G., 2021. Recession, financial instability, social inequality and the health crisis. *Review of Political Economy*, 33(4), pp.711-724.
- Brahmachary, A., 2022. Global Recession and Microfinance Institutions: Challenges and Opportunities. *Microfinance to Combat Global Recession and Social Exclusion: An Empirical Investigation*, pp.11-27.
- Cerra, V., Fatás, A. and Saxena, S.C., 2020. The persistence of a COVID-induced global recession. *VoxEU.org*, 14.

- Bonaparte, Y., 2020. Pricing the Economic Risk of Coronavirus: A Delay in Consumption or a Recession?. Available at SSRN 3549597.
- McNichol, E., Leachman, M. and Marshall, J., 2020. States need significantly more fiscal relief to slow the emerging deep recession. *Center on Budget and Policy Priorities*, 14.
- Deo, S., Kumar, S. and Sharma, S., 2022. Global Inequality and Global Crises: Past and Present. In *Emerging Trends and Insights on Economic Inequality in the Wake of Global Crises* (pp. 1-14). IGI Global.
- Sull, D. and Sull, C., 2022. Preparing Your Company for the Next Recession. *MIT Sloan Management Review*.
- Bianchi, F., Comin, D., Kung, H., Kind, T. and Matusche, A., 2019. *Slow recoveries through fiscal austerity: New insights in the effects of fiscal austerity* (No. 2/2019). ZEW policy brief.
- Eberly, J.C., Stock, J.H. and Wright, J.H., 2019. The federal reserve's current framework for monetary policy: A review and assessment.
- Schularick, M., Steffen, S. and Tröger, T.H., 2020. Bank capital and the European recovery from the COVID-19 crisis.
- Dua, A., Mahajan, D., Oyer, L. and Ramaswamy, S., 2020. US small-business recovery after the COVID-19 crisis.
- Kolluru, M., Hyams-Ssekasi, D. and Rao, K.C.M.S., 2021. A Study of Global Recession Recovery Strategies in Highly Ranked GDP EU Countries. *ECONOMICS-Innovative and Economics Research Journal*, 9(1), pp.85-106.
- Matsaganis, M., 2020. Safety nets in (the) crisis: The case of Greece in the 2010s. *Social Policy & Administration*, 54(4), pp.587-598.
- Piskorski, T. and Seru, A., 2021. Debt relief and slow recovery: A decade after Lehman. *Journal of Financial Economics*, 141(3), pp.1036-1059.
- Barbier, E.B., 2020. Greening the post-pandemic recovery in the G20. *Environmental and Resource Economics*, 76(4), pp.685-703.
- Wu, D., Hu, X., Chen, W. and Yuan, F., 2023. An agency perspective of regional economic resilience during COVID-19: the role of the local state's place-based leadership in Kunshan, China. *Cambridge Journal of Regions, Economy and Society*, 16(1), pp.119-133.

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