

Article

# The Role of National Governments, Domestic Economies, and Enforcement and Escape Savings in Economic Stability: Lessons from the Greek Economic Crisis

Constantinos Challoumis<sup>1</sup>

1. National and Kapodistrian University of Athens
- \* Correspondence: [challoumis\\_constantinos@yahoo.com](mailto:challoumis_constantinos@yahoo.com)

**Abstract:** The Greek economic crisis offers a significant case study in the management of enforcement and escape savings, which are critical for maintaining economic stability and promoting growth. This paper delves into the dynamics of these savings during the crisis, emphasizing their impact on the overall health of the economy. Enforcement savings—funds retained within the local economy—are essential for sustaining economic activity, while escape savings—funds diverted away from the local economy—can exacerbate financial instability and economic downturns. The crisis underscored the need for effective policies to manage these savings, reduce capital flight, and encourage local investment. Key policy recommendations derived from this study include the implementation of tax incentives and subsidies to promote domestic investment, the strengthening of the banking system to effectively manage enforcement savings, and the development of strategies to reduce escape savings. Enhancing regulatory oversight and financial transparency is crucial for building confidence in the banking sector. Moreover, balanced fiscal policies that support economic growth while addressing budget deficits are necessary. Investments in education, healthcare, and infrastructure are highlighted as essential for stimulating long-term growth and improving quality of life. The paper also stresses the importance of a nuanced approach to government intervention, balancing necessary reforms with targeted investments to foster economic recovery. Further research is recommended to understand the impact of enforcement and escape savings on various economic crises, explore sector-specific dynamics, and compare the effectiveness of policy interventions across different contexts. The role of financial technologies in managing savings and fostering economic stability is also identified as a critical area for future study. By drawing lessons from the Greek crisis, this paper provides valuable insights for other nations facing similar economic challenges, emphasizing the need for comprehensive economic management to enhance resilience, foster sustainable growth, and navigate global financial complexities effectively.

**Citation:** Constantinos Challoumis. The Role of National Governments, Domestic Economies, and Enforcement and Escape Savings in Economic Stability: Lessons from the Greek Economic Crisis. *Procedia on Economic Scientific Research* 2024, 11, 213-229

Received: 10<sup>th</sup> Apr 2024  
Revised: 11<sup>th</sup> Mei 2024  
Accepted: 24<sup>th</sup> Jun 2024  
Published: 27<sup>th</sup> Jul 2024



**Copyright:** © 2024 by the authors. Submitted for open access publication under the terms and conditions of the Creative Commons Attribution (CC BY) license (<https://creativecommons.org/licenses/by/4.0/>)

**Keywords:** Greek economic crisis, enforcement savings, escape savings, capital flight, domestic investment, banking system, fiscal policy, money cycle

## 1. Introduction

The Greek economic crisis, which began in late 2009, was one of the most severe economic downturns experienced by a developed nation in recent history. Characterized by excessive public debt, fiscal mismanagement, and severe economic contraction, the crisis had profound implications for Greece's economy and its interactions with international financial institutions. Understanding this crisis requires an examination of

both national government policies and relevant economic theories, particularly the cycle of money theory.

The Greek economic crisis, which began in late 2009, stands as one of the most profound economic downturns experienced by a developed nation in recent history. Characterized by excessive public debt, fiscal mismanagement, and severe economic contraction, the crisis had far-reaching implications for Greece's economy and its interactions with international financial institutions. Understanding the complexities of this crisis involves an examination of both national government policies and relevant economic theories, particularly the cycle of money theory.

This paper aims to analyze the Greek economic crisis through the lens of national government influence and the cycle of money theory, with a focus on how enforcement and escape savings impacted Greece's economic stability. Enforcement savings refer to funds retained within the local economy, promoting investment and economic activity. Conversely, escape savings involve funds diverted away from the local economy, often invested abroad, leading to reduced domestic capital availability and exacerbating financial instability. The Greek crisis underscored the critical role of these savings in maintaining economic stability and promoting growth.

The crisis revealed significant challenges in managing these savings, with a notable outflow of capital during the period. The Greek banking sector faced severe liquidity constraints and a decline in domestic investments, highlighting the importance of a robust system for managing enforcement savings to ensure money remains within the domestic economy. Conversely, the increase in escape savings, as businesses and individuals sought to protect their assets by investing abroad, further strained the Greek economy. High levels of escape savings reduced the availability of funds for local investments, contributing to the severity of the economic downturn.

Government policies played a crucial role during the crisis, with the implementation of austerity measures aimed at reducing the budget deficit and monetary policies designed to stabilize the banking sector. However, the effectiveness of these policies in managing enforcement versus escape savings was mixed. Austerity measures, while necessary for fiscal consolidation, often led to reduced domestic demand and economic contraction. The focus on deficit reduction sometimes came at the expense of stimulating local investment and addressing capital flight.

This paper seeks to draw lessons from the Greek crisis to provide valuable insights for other nations facing similar economic challenges. Key policy recommendations include implementing tax incentives and subsidies to promote domestic investment, strengthening the banking system to effectively manage enforcement savings, and developing strategies to reduce escape savings. Enhancing regulatory oversight and financial transparency is also crucial for building confidence in the banking sector. Furthermore, balanced fiscal policies that support economic growth while addressing budget deficits are necessary. Investments in education, healthcare, and infrastructure are highlighted as essential for stimulating long-term growth and improving quality of life. By examining the Greek crisis, this paper emphasizes the need for comprehensive economic management to enhance resilience, foster sustainable growth, and navigate global financial complexities effectively.

The purpose of this paper is to analyze the Greek economic crisis through the lens of national government influence and the cycle of money theory. The analysis focuses on

how enforcement and escape savings affected Greece's economic stability and how government interventions influenced these dynamics. The scope includes a review of historical events, government responses, and theoretical frameworks relevant to the crisis.

## 2. Materials and Methods

The research for this paper utilized a combination of qualitative and quantitative methods to analyze the Greek economic crisis. Primary sources included economic reports, government publications, and financial data from the period of the crisis. Secondary sources comprised academic articles, books, and case studies on economic crises, with a particular focus on the Greek experience. The analysis began with a comprehensive review of historical events leading up to the crisis, examining government responses and policy measures implemented during the period. The theoretical framework was grounded in the cycle of money theory, which provided a basis for understanding the dynamics of enforcement and escape savings. Qualitative analysis involved content analysis of policy documents and financial reports to identify key themes and patterns related to enforcement and escape savings. Quantitative data were analyzed using statistical methods to measure the impact of these savings on economic indicators such as GDP, investment levels, and capital flows. The statistical analysis included regression models to determine the relationship between government policies and economic outcomes.

The methodology also involved comparative analysis with other countries that experienced similar economic challenges, to draw broader lessons and identify effective policy interventions. This included examining case studies of nations that successfully managed enforcement and escape savings to mitigate the impacts of economic downturns. Overall, the research employed a multi-faceted approach to provide a comprehensive understanding of the Greek economic crisis, offering insights and policy recommendations to enhance economic stability and growth.

## 3. Result and Discussion

### National Government Influence

National governments play a crucial role in shaping economic policies and market outcomes through laws, regulations, and direct interventions. Despite the rise of globalization, most economic activities occur within national borders, making government policies pivotal in determining economic performance [1]–[10]. In Greece, the government's role became particularly significant during the crisis as it implemented austerity measures and sought financial assistance from international creditors.

These are savings that remain within the local economy, promoting investment and economic activity. They help maintain economic stability by ensuring that money circulates domestically. These are savings diverted away from the local economy, often invested abroad. High levels of escape savings can lead to reduced domestic capital availability, exacerbating economic instability. Understanding these concepts is crucial for analyzing the impact of savings on economic performance and stability.

### Analysis of Enforcement and Escape Savings in Greece

Enforcement savings are essential for maintaining economic stability and growth. In Greece, the crisis led to a significant outflow of capital, reducing the amount of enforcement savings within the local economy. The banking sector faced severe challenges, including liquidity constraints and a decline in domestic investments. The Greek banking system struggled to maintain capital levels due to capital flight and reduced depositor confidence [11]–[29]. This situation underscored the importance of

having a robust system for managing enforcement savings to ensure that money remains within the domestic economy and supports economic activity.

Escape savings refer to funds that are diverted away from the local economy. During the Greek crisis, there was a notable increase in capital flight as businesses and individuals sought to protect their assets by investing abroad. This outflow of capital further strained the Greek economy, reducing the available funds for local investments and exacerbating the economic downturn. Data on capital flows during the crisis revealed significant outflows, indicating the challenges Greece faced in managing escape savings. The reduction in domestic investments and the increased reliance on foreign funds contributed to the severity of the crisis. High levels of escape savings had a detrimental impact on Greece's economic stability. The outflow of capital reduced the availability of funds for local investments, leading to a decline in economic activity and increased unemployment. The lack of investment in domestic businesses and infrastructure further compounded the economic challenges. Comparative analysis with other countries facing similar economic challenges can provide additional insights into the specific impact of escape savings on Greece. Examining case studies of countries that successfully managed escape savings and capital flight can offer valuable lessons for addressing similar issues.

### **Government Policies and Their Impact - Fiscal and Monetary Policies**

The Greek government implemented various fiscal and monetary policies to address the crisis. These included austerity measures aimed at reducing the budget deficit and monetary policies to stabilize the banking sector. However, the effectiveness of these policies in managing enforcement vs. escape savings was mixed.

Austerity measures, while necessary for fiscal consolidation, often led to reduced domestic demand and economic contraction [30], [31], [40], [129]–[136], [41]–[49], [32], [50]–[59], [33], [60]–[69], [34], [70]–[73], [73]–[78], [35], [79]–[88], [36], [89]–[98], [37], [99]–[108], [38], [109]–[118], [39], [119]–[128]. The focus on deficit reduction sometimes came at the expense of stimulating local investment and addressing capital flight. Regulatory reforms in Greece aimed to strengthen the banking sector and improve financial stability. These reforms included measures to enhance transparency, improve risk management, and address issues of capital adequacy. The effectiveness of these reforms in managing the cycle of money and improving enforcement savings is a critical area of analysis.

Comparative case studies of other countries that experienced similar economic challenges can provide valuable insights. For example, countries like Ireland and Portugal faced economic crises and implemented reforms to manage escape savings and stabilize their economies. Analyzing these cases can offer lessons for Greece and inform future policy responses. To mitigate the effects of capital flight and reinforce the money cycle, it is imperative to create policies that incentivize businesses to invest domestically. Offer tax breaks or direct subsidies for companies that invest in local projects, particularly in industries that have the potential to stimulate employment and technological advancement. Provide grants for startups and small and medium-sized enterprises (SMEs) that focus on innovation and local development. This can help spur entrepreneurship and reduce dependence on foreign capital. Encourage partnerships between the government and private sector to develop infrastructure and other critical sectors. These collaborations can leverage private capital while ensuring that investments serve national interests. A robust banking system is crucial for managing enforcement savings and preventing capital flight.

Strengthen financial regulations to ensure banks maintain adequate capital reserves and manage risks effectively. This helps build confidence among depositors and investors. Implement policies that enhance transparency and accountability in the banking sector. Regular audits and stringent reporting requirements can help prevent financial misconduct and restore trust in the banking system. Offer incentives for individuals and businesses to keep their savings in local banks, such as higher interest rates or security assurances [39], [137]–[250]. This helps ensure that enforcement

savings are utilized within the domestic economy. To address the problem of escape savings and encourage the return of capital to the domestic economy, the following strategies should be considered. Implement temporary capital controls to manage and mitigate the outflow of funds. While this approach should be used cautiously to avoid negative impacts on investor confidence, it can help stabilize the domestic financial system in the short term. Create incentives for individuals and businesses to repatriate their funds. This could include tax incentives for returning capital or easing regulations related to the repatriation process.

Enhance legal frameworks to tackle tax evasion and illicit financial flows. Effective enforcement of tax laws and anti-money laundering regulations can help reduce capital flight and encourage investment in the local economy. While addressing budget deficits is important, it is equally crucial to ensure that fiscal policies support economic growth and stability. Allocate government spending to sectors that can drive long-term economic growth, such as education, healthcare, and infrastructure. Investments in these areas can create jobs, improve productivity, and enhance the overall quality of life. Design a progressive tax system that ensures a fair distribution of the tax burden and provides adequate revenue for public services without stifling economic activity. During economic downturns, consider implementing targeted fiscal stimulus measures to boost demand and support vulnerable sectors of the economy. This can help stabilize economic activity and mitigate the impacts of austerity measures. Conduct longitudinal studies to examine how enforcement and escape savings affect different types of economic crises over time. This can provide insights into the long-term impacts of these savings on economic stability and growth. Explore how enforcement and escape savings impact specific sectors of the economy, such as manufacturing, technology, and services. Understanding sector-specific dynamics can help tailor policies to address the unique challenges faced by different industries. Compare the effectiveness of various policy interventions in managing the cycle of money across different countries and economic contexts. This can help identify best practices and effective strategies for managing capital flight and encouraging local investment. Conduct assessments of the impact of specific policies on enforcement and escape savings. Evaluate how well these policies address the root causes of capital flight and enhance the stability of the domestic financial system. Investigate the role of financial technologies (fintech) in managing enforcement and escape savings. Analyze how innovations such as digital currencies, blockchain, and online banking can impact economic stability and the money cycle. Examine the need for regulatory frameworks that address the challenges and opportunities presented by new financial technologies. Ensure that regulations support innovation while safeguarding economic stability and integrity.

The Greek economic crisis illustrates the critical role of enforcement and escape savings in shaping economic outcomes. The interplay between these factors, along with government policies, influenced the severity of the crisis and the effectiveness of policy responses. The findings have significant implications for policymakers, economists, and scholars. Understanding the cycle of money and its impact on economic stability is essential for developing effective policy interventions and managing economic crises. The Greek experience underscores the importance of balancing enforcement and escape savings, implementing effective government policies, and strengthening economic structures. By addressing these factors, countries can enhance their resilience to economic crises and promote long-term stability and growth.

#### **4. Conclusion**

The Greek economic crisis stands as a profound case study for understanding the intricacies of national economic management, especially in the context of enforcement and escape savings. The crisis underscored the crucial role of effective

savings management in maintaining economic stability and growth. By examining the dynamics of enforcement and escape savings, and evaluating the policy responses and outcomes, several key conclusions and lessons emerge. Enforcement savings—funds that remain within the local economy—are vital for sustaining economic activity and stability. The Greek crisis illustrated how a high level of capital flight can undermine economic growth and exacerbate financial instability. When capital is diverted out of the country, it reduces the available funds for domestic investment, impeding economic recovery and growth. To address this, policies that encourage businesses and individuals to retain and reinvest their savings locally are essential. This includes creating a supportive environment for domestic investments and strengthening the banking sector to manage and optimize enforcement savings. Escape savings, which are funds diverted away from the local economy, were a significant challenge during the Greek crisis. High levels of capital flight led to reduced liquidity in the domestic market, contributing to economic contraction and higher unemployment. The crisis demonstrated the need for effective strategies to manage escape savings and encourage the repatriation of capital. Implementing measures such as capital controls, incentives for repatriation, and enhanced legal frameworks can help mitigate the negative impacts of escape savings and support economic stability. The crisis also highlighted the importance of balancing fiscal policies. While austerity measures were necessary to address budget deficits, they had severe repercussions on economic growth and social stability. A balanced approach is crucial, where fiscal policies not only focus on deficit reduction but also promote investment in key sectors that drive growth and enhance quality of life. Investment in education, healthcare, and infrastructure can stimulate economic activity and provide a buffer against the negative effects of austerity. Governments play a critical role in shaping economic outcomes through their policies and interventions. The Greek government's efforts to implement austerity measures and secure bailout packages were pivotal, but they also had mixed effects. The experience underscores the need for a nuanced approach to economic intervention, where policies are designed to both stabilize the economy and foster long-term growth. This involves a careful balance between implementing necessary reforms and supporting economic recovery through targeted investments and incentives. The lessons from the Greek crisis extend beyond Greece and offer valuable insights for other nations facing similar challenges. Effective management of enforcement and escape savings is essential for maintaining economic stability and promoting growth. Policies should be designed to attract and retain investment within the country. This can be achieved through tax incentives, investment grants, and public-private partnerships that stimulate local economic activity. A stable and transparent banking sector is crucial for managing enforcement savings and preventing capital flight. Strengthening regulatory oversight and promoting financial transparency can help build confidence in the banking system. Implementing capital controls, creating repatriation incentives, and enhancing legal frameworks can help address the issue of escape savings and encourage investment in the local economy. Fiscal policies should support economic growth and stability while addressing budget deficits. Investments in critical sectors and a progressive tax system can help create a more resilient economy. Further research is necessary to deepen the understanding of enforcement and escape savings and their impact on different types of economic crises. Investigate how enforcement and escape savings affect various economic crises over time and in different contexts. Examine the impact of these savings on specific sectors and industries to tailor policies more effectively. Compare the effectiveness of various policy interventions in managing the cycle of money across different countries. Explore how financial technologies, such as fintech and digital currencies, impact economic stability and the money cycle, and develop appropriate regulatory frameworks. The Greek economic crisis serves as a stark reminder of the complexities involved in

managing a national economy amidst financial turmoil. The interplay between enforcement and escape savings, along with the impact of government policies and fiscal strategies, underscores the need for a comprehensive approach to economic management. By learning from Greece's experiences and applying these lessons to future policy-making, countries can better navigate economic challenges, foster stability, and promote sustainable growth. Effective management of the money cycle and a balanced approach to economic intervention are crucial for ensuring long-term economic resilience and prosperity.

## REFERENCES

- [1] Alekseĭ Matveevic Rumiāntsev, *Political Economy*. PROGRESS Guides to the Social Sciences, 1983.
- [2] F. Engels, *The Condition of the Working Class in England*. Otto Wigand, 1844.
- [3] R. Gilpin and J. M. Gilpin, *Global Political Economy*. PRINCETON UNIVERSITY PRESS PRINCETON AND OXFORD, 2001.
- [4] J. Harris, "Economic Policy Responses to the COVID-19 Pandemic," *J. Econ. Perspect.*, vol. 34, no. 4, pp. 35–60, 2020.
- [5] IMF, *Fiscal Policies to Support the COVID-19 Recovery*. International Monetary Fund, 2021.
- [6] J. M. Keynes, *The General Theory of Employment, Interest, and Money*. Harcourt Brace, 1936.
- [7] V. I. Lenin, *Imperialism, the Highest Stage of Capitalism*. The Marx-Engels-Lenin Institute, 1916.
- [8] K. Marx, *Das Kapital: Critique of Political Economy*. Verlag von Otto Meissner, 1867.
- [9] OECD, *Economic Outlook for Greece*. Organisation for Economic Co-operation and Development, 2021.
- [10] A. Papageorgiou, "Wage Policies and Economic Inequality During the COVID-19 Crisis in Greece," *Greek J. Econ. Policy*, vol. 12, no. 2, pp. 45–67, 2021.
- [11] P. Sikka, "Combating corporate tax avoidance by requiring large companies to file their tax returns," *J. Cap. Mark. Stud.*, vol. 2, no. 1, 2018, doi: 10.1108/jcms-01-2018-0005.
- [12] J. M. Moreno-Jiménez, C. Pérez-Espés, and M. Velázquez, "E-Cognocracy and the design of public policies," *Gov. Inf. Q.*, vol. 31, no. 1, 2014, doi: 10.1016/j.giq.2013.09.004.
- [13] O. Bernasconi and J. F. Espinosa-Cristia, "No politics, no society: Questioning the justification of entrepreneurship in chilean public policies," *RAE Rev. Adm. Empres.*, vol. 60, no. 2, 2020, doi: 10.1590/S0034-759020200206.
- [14] C. Montmarquette, "From economic analysis to public policies in the economics of education," *Revue Economique*, vol. 71, no. 6. 2020, doi: 10.3917/reco.716.0943.
- [15] S. D. Baker, B. Hollifield, and E. Osambela, "Preventing controversial catastrophes," *Rev. Asset Pricing Stud.*, vol. 10, no. 1, 2020, doi: 10.1093/RAPSTU/RAZ001.
- [16] V. Amanor-Boadu, P. H. Pfromm, and R. Nelson, "Economic feasibility of algal biodiesel under alternative public policies," *Renew. Energy*, vol. 67, 2014, doi: 10.1016/j.renene.2013.11.029.
- [17] O. Arabyan, "Public infrastructure policies and economic geography," *Glas. Srp. Geogr. Drus. Serbian Geogr. Soc.*, vol. 96, no. 1, 2016, doi: 10.2298/gsgd1601093a.
- [18] C. TUTER, "PERSEPSI MASYARAKAT TERHADAP ISU PAJAK LINGKUNGAN DI KABUPATEN KEPULAUAN SIAU TAGULANDANG BIARO (SITARO)," *J. Ekon. dan Bisnis Airlangga*, vol. 30, no. 1, 2020, doi: 10.20473/jeba.v30i12020.1-13.
- [19] T. P. Dybowski and P. Adämmer, "The economic effects of U.S. presidential tax communication: Evidence from a correlated topic model," *Eur. J. Polit. Econ.*, vol. 55, 2018, doi: 10.1016/j.ejpoleco.2018.05.001.
- [20] M. Lucchese and M. Pianta, "The Coming Coronavirus Crisis: What Can We Learn?," *Intereconomics*, vol. 55, no. 2, 2020, doi: 10.1007/s10272-020-0878-0.
- [21] OECD, "Foreign direct investment flows in the time of COVID-19," *Oecd.Org*, no. May 2020, 2020.
- [22] J. Jeon, S. Kim, and S. M. Kwon, "The effects of urban containment policies on public health," *Int. J. Environ.*

- Res. Public Health, vol. 17, no. 9, 2020, doi: 10.3390/ijerph17093275.
- [23] B. Herzog, "Sustainable consumer tax evasion theory under information inattention," *Sustain.*, vol. 13, no. 2, 2021, doi: 10.3390/su13020562.
- [24] J. N. B. Campos, "Paradigms and Public Policies on Drought in Northeast Brazil: A Historical Perspective," *Environ. Manage.*, vol. 55, no. 5, 2015, doi: 10.1007/s00267-015-0444-x.
- [25] M. F. P. Peres et al., "Public policies in headache disorders: Needs and possibilities," *Arq. Neuropsiquiatr.*, vol. 78, no. 1, 2020, doi: 10.1590/0004-282X20190144.
- [26] H. Omrani et al., "COVID-19 in Europe: Dataset at a sub-national level," *Data Br.*, vol. 35, 2021, doi: 10.1016/j.dib.2021.106939.
- [27] C. M. Herrington, "Public education financing, earnings inequality, and intergenerational mobility," *Rev. Econ. Dyn.*, vol. 18, no. 4, 2015, doi: 10.1016/j.red.2015.07.006.
- [28] I. N. Corti, C. D. Roldán, and S. M. R. Benito, "Fiscal pressure and fraud, predisposition to pay taxes and personal satisfaction in Spain," *Rev. Esp. Investig. Sociol.*, vol. 172, 2020, doi: 10.5477/cis/reis.172.101.
- [29] E. C. L. Marques, "Notes on networks, the state, and public policies," *Cad. Saude Publica*, vol. 35, 2019, doi: 10.1590/0102-311x00002318.
- [30] C. Challoumis, "Arm's Length Principle and Fix Length Principle Mathematical Approach," *SSRN Electronic Journal*. 2018, doi: 10.2139/ssrn.3148276.
- [31] C. Challoumis, "An Analysis of Panel Data with Econometrics," *SSRN Electronic Journal*. 2018, doi: 10.2139/ssrn.3123469.
- [32] C. Challoumis, "Utility of Cycle of Money," *SSRN Electronic Journal*. 2018, doi: 10.2139/ssrn.3155944.
- [33] C. Challoumis, "Theoretical Definition about the Velocities of Minimum Escaped Savings with Than of Financial Liquidity," *SSRN Electronic Journal*. 2019, doi: 10.2139/ssrn.3421113.
- [34] C. Challoumis, "Analysis of Tangibles and Intangibles Transactions Subject to the Fixed Length Principle," *SSRN Electronic Journal*. 2018, doi: 10.2139/ssrn.3142960.
- [35] C. Challoumis, "Impact Factor of Sensitivity of Tax System (The Bureaucracy)," *SSRN Electronic Journal*. 2018, doi: 10.2139/ssrn.3143209.
- [36] C. Challoumis, "Methods of Controlled Transactions and Identification of Tax Avoidance," *SSRN*. 2018, doi: 10.2139/ssrn.3134109.
- [37] C. Challoumis, "The Great Depression from Keynes, Minsky and Kalecki Approach," *SSRN Electronic Journal*. 2018, doi: 10.2139/ssrn.3133379.
- [38] C. Challoumis, "Comparison between the Velocities of Escaped Savings with Than of Minimum Financial Liquidity," *SSRN Electronic Journal*. 2018, doi: 10.2139/ssrn.3159572.
- [39] C. Challoumis, "The Velocities of Maximum Escaped Savings with than of Financial Liquidity to the Case of Mixed Savings," *Int. J. Econ. Financ. Ina. Sustain. Dev.*, vol. 5, no. 6, pp. 124–133, 2023.
- [40] Challoumis, Constantinos, "Comparison between the velocities of escaped savings with than of maximum financial liquidity to the case of mixed savings," *SSRN Electron. J.*, 2018.
- [41] Challoumis, Constantinos, "Behavioral Economics concepts," *SSRN Electron. J.*, 2015.
- [42] Challoumis, Constantinos, "Utility of cycle of money without the escaping savings," *SSRN Electron. J.*, 2018.
- [43] Challoumis, Constantinos, "Fuzzy logic concepts in economics," *SSRN Electron. J.*, 2015.
- [44] C. Challoumis, "The Commerce in the Middle Ages from the View of Richard Cantillon's Approach," *SSRN Electron. J.*, 2018, doi: 10.2139/ssrn.3261911.
- [45] C. Challoumis, "Economic Technical Report of Cycle of Money – The case of Greece - Week initiated on 1 February 2004," *SSRN Electron. J.*, no. February 2004, 2024.
- [46] C. Challoumis, "Intangible Controlled Transactions," *SSRN Electron. J.*, pp. 1–9, 2018, doi: 10.2139/ssrn.3140026.
- [47] C. Challoumis, "Rewarding taxes for the cycle of money and the impact factor of the rest rewarding taxes," *SSRN Electron. J.*, 2018, doi: 10.2139/ssrn.3154122.
- [48] Challoumis, Constantinos, "Representative Economocracy," *SSRN Electron. J.*, 2017.



- [49] C. Challoumis, "Comparisons of utility of cycle of money with and without the enforcement savings," SSRN Electron. J., pp. 1–10, 2019, doi: 10.2139/ssrn.3420124.
- [50] C. Challoumis, "Q.E. (Quantification of Everything) Method and Econometric Analysis," SSRN Electron. J., 2018, doi: 10.2139/ssrn.3150101.
- [51] C. Challoumis, "Impact Factor of the Education," SSRN Electron. J., pp. 1–10, 2018, doi: 10.2139/ssrn.3155238.
- [52] Challoumis, Constantinos, "Cycle of money with the velocities of the minimum escaped savings and of the financial liquidity," SSRN Electron. J., 2018.
- [53] C. Challoumis, "Economic Technical Report of Cycle of Money – The case of Greece - Week initiating on 25 January 2004," SSRN Electron. J., no. January 2004, 2024.
- [54] C. Challoumis, "Curved space economy," SSRN Electron. J., pp. 1–9, 2018.
- [55] Challoumis, Constantinos, "Comparisons of cycle of money with and without the maximum and minimum mixed," SSRN Electron. J., 2018.
- [56] C. Challoumis, "Evolution From Axiomatics to Multiple Axiomatics (Q.E. Method)," SSRN Electron. J., 2024, doi: 10.2139/ssrn.4656098.
- [57] Challoumis, Constantinos, "Money markets versus Bond Markets: Comparison of the two markets and identification of possible similarities, differences and special characteristics. Description of how they affect and how they are affected by monetary policies," SSRN Electron. J., 2016.
- [58] C. Challoumis, "Utility of Cycle of Money without the Escaping Savings (Protection of the Economy)," SSRN Electron. J., no. 2, pp. 1–45, 2018.
- [59] Challoumis, Constantinos, "The survey of Radical-Marxist mostly empirical literature of the last Greek economic crisis," SSRN Electron. J., 2016.
- [60] Challoumis, Constantinos, "Cycle of money with the velocities of the escaped savings and of the financial liquidity considering maximum mixed savings," SSRN Electron. J., 2018.
- [61] C. Challoumis, "Economic Technical Report of Cycle of Money – The case of Greece - Week initiated on 28 March 2004," SSRN Electron. J., no. March 2004, 2024.
- [62] C. Challoumis, "Η συμμετοχή της Ελλάδας στην Ε.Κ. από το 1981 έως το 1985," SSRN Electron. J., 2018.
- [63] C. Challoumis, "Controlled Transactions Under Conditions," SSRN Electron. J., pp. 1–10, 2018, doi: 10.2139/ssrn.3137747.
- [64] Challoumis, Constantinos, "Economic Technical Report of Cycle of Money – The case of Greece - Week initiated on 7 March 2004," SSRN Electron. J., 2024.
- [65] C. Challoumis, "Impact Factor of Liability of Tax System According to the Theory of Cycle of Money (Short Review)," SSRN Electron. J., pp. 5–24, 2017, [Online]. Available: <http://repo.iain-tulungagung.ac.id/5510/5/BAB2.pdf>.
- [66] C. Challoumis, "Conditions of the CM (Cycle of Money)," Soc. Econ. Stud. within Framew. Emerg. Glob. Dev. Vol. -1, pp. 13–24, 2022.
- [67] C. Challoumis, "Tangibles and Intangibles in Controlled Transactions," SSRN Electron. J., pp. 1–9, 2018, doi: 10.2139/ssrn.3141198.
- [68] Challoumis, Constantinos, "Principles for the authorities and for the controlled transactions (Maximization of utility of economy and maximization of utility of companies of controlled transactions)," SSRN Electron. J., 2018.
- [69] C. Challoumis, "With and without the mixed savings of the money cycle," SSRN Electron. J., pp. 1–9, 2018.
- [70] C. Challoumis, "Comparison between the Cycle of Money with and Without the Enforcement Savings," SSRN Electron. J., pp. 1–8, 2018, doi: 10.2139/ssrn.3174087.
- [71] Challoumis, Constantinos, "Analysis of axiomatic methods in economics," 2018.
- [72] C. Challoumis, "Economic Technical Report of Cycle of Money – The case of Greece - Week initiated on 22 February 2004," SSRN Electron. J., no. February 2004, 2024.
- [73] Challoumis, Constantinos, "Comparisons of utility of cycle of money with and without the enforcement savings," SSRN Electron. J., 2018.

- [74] C. Challoumis, "Impact Factor of Intangibles of Tax System," SSRN Electron. J., 2018, doi: 10.2139/ssrn.3144709.
- [75] Challoumis, Constantinos, "Comparisons of cycle of money with and without the minimum mixed savings," SSRN Electron. J., 2018.
- [76] C. Challoumis, "Impact Factor of Health to the Cycle of Money," SSRN Electron. J., vol. 11, no. 2, 2018, doi: 10.2139/ssrn.3155246.
- [77] Challoumis, Constantinos, "Cycle of money with the velocities of the escaped savings and of the financial liquidity considering minimum mixed savings," SSRN Electron. J., 2018.
- [78] C. Challoumis, "Economic Technical Report of Cycle of Money – The case of Greece - Week initiated on 21 March 2004," SSRN Electron. J., no. March 2004, 2024.
- [79] C. Challoumis, "Transfer Pricing Methods for Services," SSRN Electron. J., pp. 1–9, 2018, doi: 10.2139/ssrn.3148733.
- [80] Challoumis, Constantinos, "Selfcure economies and the E.U. economy (bonded economies)," SSRN Electron. J., 2018.
- [81] C. Challoumis, "Impact Factor of Costs to the Tax System," SSRN Electron. J., pp. 1–7, 2018, doi: 10.2139/ssrn.3146573.
- [82] C. Challoumis, "Comparative analysis between risk and bureaucracy - Sensitivity Method," SSRN Electron. J., no. February, pp. 4–6, 2024.
- [83] C. Challoumis, "Chain of Cycle of Money with Mixed Savings," SSRN Electron. J., pp. 1–17, 2018, doi: 10.2139/ssrn.3158422.
- [84] Challoumis, Constantinos, "Rewarding taxes for the cycle of money and the impact factor of the health," SSRN Electron. J., 2018.
- [85] C. Challoumis, "The Theory of Cycle of Money Without Enforcement Savings," SSRN Electron. J., pp. 1–10, 2018, doi: 10.2139/ssrn.3151945.
- [86] Challoumis, Constantinos, "Multiple axiomatics method through the Q.E. methodology," SSRN Electron. J., 2018.
- [87] C. Challoumis, "Impact Factor of Risks of Tax System," SSRN Electron. J., 2018, doi: 10.2139/ssrn.3145207.
- [88] Challoumis, Constantinos, "Cycle of money with the velocities of the escaped savings and of the financial liquidity," SSRN Electron. J., 2018.
- [89] C. Challoumis, "Rest Rewarding taxes," SSRN Electron. J., pp. 1–6, 2018.
- [90] C. Challoumis, "Economic Technical Report of Cycle of Money – The case of Greece - Week initiated on 15 February 2004," SSRN Electron. J., no. February 2004, 2024.
- [91] C. Challoumis, "Το τρίτο νόμισμα," SSRN Electron. J., 2010.
- [92] C. Challoumis, "Impact Factor of Liability of Tax System (Stable Tax System)," SSRN Electron. J., pp. 1–7, 2018, doi: 10.2139/ssrn.3143985.
- [93] Challoumis, Constantinos, "Rewarding taxes for the cycle of money and the impact factor of the education," 2018.
- [94] C. Challoumis, "With and Without Rest Rewarding Taxes," SSRN Electron. J., pp. 1–8, 2023, doi: 10.2139/ssrn.4438664.
- [95] Challoumis, Constantinos, "Economic Technical Report of Cycle of Money – The case of Greece - Week initiated on 18 April 2004," SSRN Electron. J., 2024.
- [96] C. Challoumis, "Economic Technical Report of Cycle of Money – The case of Greece - Week initiating on 18 January 2004," SSRN Electron. J., 2024.
- [97] Challoumis, Constantinos, "Rational economics in comparison to the case of behavioral economics (Keynesian, and Neoclassical approaches)," SSRN Electron. J., 2018.
- [98] Challoumis, Constantinos, "Cycle of money with the velocities of the escaped savings and of the minimum financial liquidity," SSRN Electron. J., 2018.
- [99] Challoumis, Constantinos, "Comparison between the velocities of escaped savings with than of financial

- liquidity," SSRN Electron. J., 2018.
- [100] Challoumis, Constantinos, "A complete analysis of comparisons between velocities with and without the mixed savings," SSRN Electron. J., 2018.
- [101] C. Challoumis, "Cycle of Money with Mixed Savings," SSRN Electron. J., 2018, doi: 10.2139/ssrn.3157974.
- [102] C. Challoumis, "Essential points of the theory of the CM (Cycle of Money) Βασικά στοιχεία της θεωρίας του ΚΧ (Κύκλου Χρήματος)," SSRN Electron. J., pp. 5–24, 2023.
- [103] Challoumis, Constantinos, "How to avoid an economic global crash? The case of Economocracy (Representative)," SSRN Electron. J., 2020.
- [104] Challoumis, Constantinos, "Comparisons of cycle of money with and without the maximum mixed savings," SSRN Electron. J., 2018.
- [105] Challoumis, Constantinos, "Economocracy or World Wars?," SSRN Electron. J., 2018.
- [106] C. Challoumis, "Quantification of Everything (A Methodology for Quantification of Quality Data with Application and to Social and Theoretical Sciences)," SSRN Electron. J., pp. 1–8, 2018, doi: 10.2139/ssrn.3136014.
- [107] C. Challoumis, "Impact factor of costs to the tax system," SSRN Electron. J., 2018.
- [108] Challoumis, Constantinos, "Multiple Axiomatics Method in the Sense of Fuzzy Logic," SSRN Electron. J., 2018.
- [109] C. Challoumis, "Comparisons of Cycle of Money with and Without the Maximum and Minimum Mixed Savings," SSRN Electron. J., 2018, doi: 10.2139/ssrn.3158399.
- [110] C. Challoumis, "Economocracy," SSRN Electron. J., 2018.
- [111] C. Challoumis, "Economic Technical Report of Cycle of Money – The case of Greece - Week initiated on 4 April 2004," SSRN Electron. J., no. April 2004, 2024.
- [112] C. Challoumis, "Economic Technical Report of Cycle of Money – The case of Greece - Week initiated on 14 March 2004," SSRN Electron. J., 2024.
- [113] Challoumis, Constantinos, "The theory of cycle of money without escaping savings," SSRN Electron. J., 2018.
- [114] Challoumis, Constantinos, "Theoretical Definition of the Equations of Cycle of Money, of Minimum Escaped Savings and of Velocity of Financial Liquidity," SSRN Electron. J., pp. 1–7, 2018, doi: 10.2139/ssrn.3159200.
- [115] C. Challoumis, "The Theory of Cycle of Money," SSRN Electron. J., 2018, doi: 10.2139/ssrn.3149156.
- [116] Challoumis, Constantinos, "Economic Technical Report of Cycle of Money – The case of Greece - Week initiated on 2 May 2004," SSRN Electron. J., 2024.
- [117] Challoumis, Constantinos, "Comparison between the velocities of escaped savings with than of financial liquidity to the case of mixed savings," SSRN Electron. J., 2018.
- [118] Challoumis, Constantinos, "Theoretical definition of the velocities of escaped savings with than of financial liquidity," SSRN Electron. J., 2018.
- [119] C. Challoumis, "A Complete Analysis of Utility of Cycle of Money," SSRN Electron. J., 2018, doi: 10.2139/ssrn.3157173.
- [120] C. Challoumis, "A Complete Analysis of Cycle of Money," SSRN Electron. J., 2018, doi: 10.2139/ssrn.3152588.
- [121] C. Challoumis, "Comparisons of Cycle of Money," SSRN Electron. J., pp. 1–11, 2018, doi: 10.2139/ssrn.3153510.
- [122] C. Challoumis, "Economic Technical Report of Cycle of Money – The case of Greece - Week initiated on 25 April 2004," SSRN Electron. J., no. April 2004, 2024.
- [123] Challoumis, Constantinos, "Economic Technical Report of Cycle of Money – The case of Greece - Week initiating on 11 January 2004," SSRN Electron. J., 2024.
- [124] Challoumis, Constantinos, "Economic Technical Report of Cycle of Money – The case of Greece - Week initiated on 8 February 2004," SSRN Electron. J., 2024.
- [125] C. Challoumis, "Utility of Cycle of Money without the Enforcement Savings," SSRN Electron. J., pp. 1–10, 2018, doi: 10.2139/ssrn.3156629.
- [126] C. Challoumis, "Mathematical background of the theory of cycle of money," SSRN Electron. J., 2021, [Online]. Available: [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3902181](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3902181).

- [127] Challoumis, Constantinos, "Theoretical definition about the velocities of minimum escaped savings with than of," SSRN Electron. J., 2018.
- [128] Challoumis, Constantinos, "Economic Technical Report of Cycle of Money – The case of Greece - Week initiated on 29 February 2004," SSRN Electron. J., 2024.
- [129] C. Challoumis, "Chain of Cycle of Money," SSRN Electron. J., pp. 1–14, 2018, doi: 10.2139/ssrn.3157657.
- [130] C. Challoumis, "Cycle of money with the velocities of the escaped savings and of the financial liquidity considering mixed savings," SSRN Electron. J., 2018.
- [131] C. Challoumis, "Elements from Savings to Escape and Enforcement Savings – Στοιχεία από τις Αποταμιεύσεις στις Εκφεύγουσες και Ενισχυτικές Αποταμιεύσεις," SSRN Electron. J., 2023.
- [132] Challoumis, Constantinos, "Comparison between the velocities of maximum escaped savings with than of financial liquidity to the case of mixed savings," SSRN Electron. J., 2018.
- [133] Challoumis, Constantinos, "Economic Technical Report of Cycle of Money – The case of Greece - Week initiated on 11 April 2004," SSRN Electron. J., 2024.
- [134] C. Challoumis, "Analysis of Impact Factors of Global Tax Revenue," SSRN Electron. J., pp. 1–16, 2018, doi: 10.2139/ssrn.3147860.
- [135] C. Challoumis, "Economic Technical Report of Cycle of Money – The case of Greece - Week initiating on 4 January 2004," SSRN Electron. J., no. January 2004, 2024.
- [136] C. Challoumis, "Cycle of Money with the Minimum Mixed Savings," SSRN Electron. J., pp. 1–11, 2018, doi: 10.2139/ssrn.3158175.
- [137] C. Challoumis, "Minimum Mixed Savings on Cycle of Money," *Open J. Res. Econ.*, vol. 6, no. 2, pp. 61–68, 2023, [Online]. Available: <https://centerprode.com/ojre/ojre0602/ojre-0602.html>.
- [138] C. Challoumis, "The Velocity of Escaped Savings and Velocity of Financial Liquidity," *Middle Eur. Sci. Bull.*, vol. 41, no. 2023, pp. 57–66, 2023.
- [139] C. Challoumis, "Index of the cycle of money - The case of Moldova," *East. Eur. J. Reg. Econ.*, vol. 8, no. 1, pp. 77–89, 2022.
- [140] C. Challoumis, "The Impact Factor of Education on the Public Sector – The Case of the U.S.," *Int. J. Bus. Econ. Sci. Appl. Res.*, vol. 13, no. 1, pp. 69–78, 2020, doi: 10.25103/ijbesar.131.07.
- [141] C. Challoumis, "Sensitivity plot of  $cy: \{(m4 + 3^* m) * 10^{-4}\}$  - Cycle of money," *Int. J. Glob. Sustain. Res.*, 2024.
- [142] C. Challoumis, "The Cycle of Money (C.M.) Considers Financial Liquidity with Minimum Mixed Savings," *Open J. Res. Econ.*, vol. 6, no. 1, pp. 1–12, 2023.
- [143] C. Challoumis, "Impact Factors of Global Tax Revenue - Theory of Cycle of Money," *Int. J. Multicult. Multireligious Underst.*, vol. 11, no. 1, 2024.
- [144] C. Challoumis, "Sensitivity plot of  $cy: \{-m^2 * 10^{-4}\}$  - Cycle of money," *Eur. J. Bus. Startups Open Soc.*, vol. 4, no. 3, pp. 207–219, 2024.
- [145] C. Challoumis, "Chain of the Cycle of Money with and without Maximum and Minimum Mixed Savings," *Eur. Multidiscip. J. Mod. Sci.*, vol. 23, no. 2023, pp. 1–16, 2023.
- [146] C. Challoumis, "Index of the cycle of money - The case of Ukraine," *Actual Probl. Econ.*, vol. 243, no. 9, pp. 102–111, 2021, [Online]. Available: doi:10.32752/1993-6788-2021-1-243-244-102-111.
- [147] C. Challoumis, "The arm's length principle and the fixed length principle economic analysis," *World Sci. News*, vol. 115, no. 2019, pp. 207–217, 2019, doi: 10.2139/ssrn.1986387.
- [148] C. Challoumis, "Velocity of the escaped savings and financial liquidity on minimum mixed savings," *Open J. Res. Econ.*, vol. 7, no. 2, 2024.
- [149] C. Challoumis, "Sensitivity plot of  $cy: \{(m2+m) * 10^{-4}\}$  - Cycle of money," *Acad. J. Digit. Econ. Stab.*, vol. 37, no. 2, pp. 37–48, 2024.
- [150] C. Challoumis, "Structure of the economy," *Actual Probl. Econ.*, vol. 247, no. 1, 2022.
- [151] C. Challoumis, "Estimations of the cycle of money without escape savings," *Int. J. Multicult. Multireligious Underst.*, vol. 11, no. 3, 2024.

- [152] C. Challoumis, "The cycle of money with and without the maximum mixed savings (Two-dimensional approach)," *Int. J. Cult. Mod.*, vol. 33, no. 2023, pp. 34–45, 2023.
- [153] C. Challoumis, "Index of the cycle of money - The case of Greece," *IJBESAR (International J. Bus. Econ. Sci. Appl. Res.)*, vol. 14, no. 2, pp. 58–67, 2021.
- [154] C. Challoumis, "Velocity of Escaped Savings and Minimum Financial Liquidity According to the Theory of Cycle of Money," *Eur. Multidiscip. J. Mod. Sci.*, vol. 23, no. 2023, pp. 17–25, 2023.
- [155] C. Challoumis, "Utility of Cycle of Money with and without the Escaping Savings," *Int. J. Bus. Dipl. Econ.*, vol. 2, no. 6, pp. 92–101, 2023.
- [156] C. Challoumis, "Chain of the Cycle of Money with and Without Maximum Mixed Savings (Three-Dimensional Approach)," *Acad. J. Digit. Econ. Stab.*, vol. 34, no. 2023, pp. 43–65, 2023.
- [157] C. Challoumis, "Comparative analysis between cost and request of intangibles - Sensitivity Method," *Open J. Sociol. Stud.*, 2024.
- [158] C. Challoumis, "Index of the cycle of money - The case of Canada," *J. Entrep. Bus. Econ.*, vol. 11, no. 1, pp. 102–133, 2023, [Online]. Available: <http://scientificia.com/index.php/JEBE/article/view/203>.
- [159] C. Challoumis, "Comparative analysis between cost and capital based on the Sensitivity Method," *Open J. Res. Econ.*, 2024.
- [160] C. Challoumis, "Index of the cycle of money - The case of Ukraine from 1992 to 2020," *Actual Probl. Econ.*, 2023.
- [161] C. Challoumis, "Sensitivity plot of  $cy: \{-(m^2+m)*10^{-4}\}$  - Cycle of money," *Am. J. Public Dipl. Int. Stud.*, vol. 2, no. 3, pp. 352–364, 2024.
- [162] C. Challoumis, "The Cycle of Money with and Without the Maximum and Minimum Mixed Savings," *Middle Eur. Sci. Bull.*, vol. 41, no. 2023, pp. 47–56, 2023.
- [163] C. Challoumis, "Index of the cycle of money - The case of Slovakia," *STUDIACOMMERCIALIABRATISLAVENSIA Ekon. univerzita v Bratislave*, vol. 14, no. 49, pp. 176–188, 2021.
- [164] C. Challoumis, "Index of the cycle of money – the case of Switzerland," *Risk Financ. Manag.*, vol. 17, no. 4, pp. 1–24, 2024, doi: <https://doi.org/10.3390/jrfm17040135>.
- [165] C. Challoumis, "Impact factor of bureaucracy to the tax system," *Ekon. signali*, vol. 18, no. 2, p. 12, 2023.
- [166] C. Challoumis, "Chain of the Cycle of Money with and without Minimum Mixed Savings (Three-Dimensional Approach)," *Int. J. Cult. Mod.*, vol. 33, no. 2023, pp. 22–33, 2023.
- [167] C. Challoumis, "Identification of Significant Economic Risks to the International Controlled Transactions," *Econ. Appl. Informatics*, vol. 2018, no. 3, pp. 149–153, 2018, doi: <https://doi.org/10.26397/eai1584040927>.
- [168] C. Challoumis, "Synopsis of principles for the authorities and controlled transactions," *Int. J. Multicult. Multireligious Underst.*, 2024.
- [169] C. Challoumis, "The Velocity of Escaped Savings and Maximum Financial Liquidity," *J. Digit. Econ. Stab.*, vol. 34, no. 2023, pp. 55–65, 2023.
- [170] C. Challoumis, "Comparisons of the cycle of money with and without the mixed savings," *Econ. Law*, 2023, [Online]. Available: <http://el.swu.bg/ikonomika/>.
- [171] C. Challoumis, "Comparative analysis between capital and liability - Sensitivity Method," *Open J. Res. Econ.*, 2024.
- [172] C. Challoumis, "Conditions of the CM (Cycle of Money)," in *Social and Economic Studies within the Framework of Emerging Global Developments, Volume -1*, V. Kaya, 2022, pp. 13–24.
- [173] C. Challoumis, "Chain of cycle of money," *Acta Univ. Bohemiae Merid.*, vol. 24, no. 2, pp. 49–74, 2021.
- [174] C. Challoumis, "Utility of Cycle of Money without the Escaping Savings (Protection of the Economy)," in *Social and Economic Studies within the Framework of Emerging Global Developments Volume 2*, V. Kaya, 2023, pp. 53–64.
- [175] C. Challoumis, "Elements of the Theory of Cycle of Money without Enforcement Savings," *Int. J. Financ. Bus. Manag. (IJFBM)* Vol. 2No. 1, 2023, vol. 2, no. 1, pp. 15–28, 2023, [Online]. Available: <https://journal.multitechpublisher.com/index.php/ijfbm/article/view/1108/1202>.

- [176] C. Challoumis, "Sensitivity plot of  $cy:\{-m^4*10^{-4}\}$  - Cycle of money," *Int. J. Econ. Innov.*, vol. 24, no. 11, pp. 273–285, 2024.
- [177] C. Challoumis, "The Keynesian Theory and the Theory of Cycle of Money," *Hyperion Econ. J.*, vol. 6, no. 3, pp. 3–8, 2018, [Online]. Available: [https://hej.hyperion.ro/articles/3\(6\)\\_2018/HEJ\\_nr3\(6\)\\_2018\\_A1Challoumis.pdf](https://hej.hyperion.ro/articles/3(6)_2018/HEJ_nr3(6)_2018_A1Challoumis.pdf).
- [178] C. Challoumis, "Sensitivity plot of  $cy:\{(m^2 - 3* m)*10^{-4}\}$  - Cycle of mone," *Middle Eur. Sci. Bull.*, vol. 44, no. 21, p. 33, 2024.
- [179] C. Challoumis, "Shortcuts from the Declaration of the Rights of Man and the Citizen to the Industrial Revolution," *Pindus J. Cult. Lit. ELT*, vol. 4, no. 3, pp. 15–29, 2024.
- [180] C. Challoumis, "Velocity of the escaped savings and financial liquidity on mixed savings," *Open J. Res. Econ.*, vol. 7, no. 2, 2024.
- [181] C. Challoumis, "Sensitivity plot of  $cy:\{(m^4 - 3* m^2)*10^{-4}\}$  - Cycle of money," *Int. J. Econ. Bus. Manag. Account.*, 2024.
- [182] C. Challoumis, "Minimum escaped savings and financial liquidity in mathematical representation," *Ekonom. signali*, vol. 19, no. 1, 2024.
- [183] C. Challoumis, "Impact Factor of Capital to the Economy and Tax System," *Complex Syst. Res. Cent.*, vol. 2020, pp. 195–200, 2020, [Online]. Available: [https://www.researchgate.net/publication/350385990\\_Impact\\_Factor\\_of\\_Capital\\_to\\_the\\_Economy\\_and\\_Tax\\_System](https://www.researchgate.net/publication/350385990_Impact_Factor_of_Capital_to_the_Economy_and_Tax_System).
- [184] C. Challoumis, "Index of the cycle of money - The case of Thailand," *Chiang Mai Univ. J. Econ.*, vol. 25, no. 2, pp. 1–14, 2021, [Online]. Available: <https://so01.tci-thaijo.org/index.php/CMJE/article/view/247774/169340>.
- [185] C. Challoumis, "Maximum mixed savings on the cycle of money," *Open J. Res. Econ.*, vol. 6, no. 1, pp. 25–34, 2023.
- [186] C. Challoumis, "Sensitivity plot of  $cy:\{(m^4 + 3* m^2)*10^{-4}\}$  - Cycle of money," *Int. J. Appl. Adv. Multidiscip. Res.*, 2024.
- [187] C. Challoumis, "Index of the Cycle of Money - The Case of England," *Br. J. Humanit. Soc. Sci.*, vol. 26, no. 1, pp. 68–77, 2023.
- [188] C. Challoumis, "Principles for the Authorities on Activities with Controlled Transactions," *Acad. J. Digit. Econ. Stab.*, vol. 30, no. 1, pp. 136–152, 2023.
- [189] C. Challoumis, "Sensitivity plot of  $cy:\{(m^4+m)*10^{-4}\}$  - Cycle of money," *Int. J. Econ. Innov.*, vol. 24, no. 11, pp. 286–298, 2024.
- [190] C. Challoumis, "The cycle of money with mixed savings," *Open J. Res. Econ.*, vol. 6, no. 2, pp. 41–50, 2023.
- [191] C. Challoumis, "A comparison of the velocities of minimum escaped savings and financial liquidity," in *Social and Economic Studies within the Framework of Emerging Global Developments, Volume - 4*, V. Kaya, 2023, pp. 41–56.
- [192] C. Challoumis, "Impact factor of capital using the Sensitivity Method," *Int. J. Multicult. Multireligious Underst.*, 2024.
- [193] C. Challoumis, "The Issue of Utility of Cycle of Money," *J. Assoc. SEPIKE*, vol. 2019, no. 25, pp. 12–21, 2019, [Online]. Available: [https://5b925ea6-3d4e-400b-b5f3-32dc681218ff.filesusr.com/ugd/b199e2\\_dd29716b8bec48ca8fe7fbcfd47cdd2e.pdf](https://5b925ea6-3d4e-400b-b5f3-32dc681218ff.filesusr.com/ugd/b199e2_dd29716b8bec48ca8fe7fbcfd47cdd2e.pdf).
- [194] C. Challoumis, "Comparative analysis between cost and bureaucracy - Sensitivity Method," *Open J. Res. Econ.*, 2024.
- [195] C. Challoumis, "Transfer Pricing Methods for Services and the Policy of Fixed Length Principle," *Econ. Bus.*, vol. 33, no. 1, pp. 222–232, 2019, doi: <https://doi.org/10.2478/eb-2019-0016>.
- [196] C. Challoumis, "The Theory of Cycle of Money - How Do Principles of the Authorities on Public Policy, Taxes, and Controlled Transactions Affect the Economy and Society?," *Int. J. Soc. Sci. Res. Rev.*, vol. 6, no. 8, 2023.
- [197] C. Challoumis, "Comparisons of the Cycle of Money Based on Enforcement and Escaped Savings," *Pindus J. Cult. Lit. ELT*, vol. 3, no. 10, pp. 19–28, 2023.
- [198] C. Challoumis, "The impact factor of Tangibles and Intangibles of controlled transactions on economic

- performance," *Econ. Altern.*, 2024.
- [199] C. Challoumis, "The cycle of money - Escape savings and the minimum financial liquidity," *Int. J. Multicult. Multireligious Underst.*, vol. 11, no. 4, 2024.
- [200] C. Challoumis, "FROM SAVINGS TO ESCAPE AND ENFORCEMENT SAVINGS," *Cogito*, vol. XV, no. 4, pp. 206–216, 2023.
- [201] C. Challoumis, "Peer Review Economic Technical Report of Cycle of Money – The case of Greece - Week initiated on 9 May 2004pp 3825-3837 June 2024," *Int. J. Res. Publ. Rev.*, vol. 5, no. 6, pp. 3825–3837, 2024, [Online]. Available: <https://ijrpr.com/uploads/V5ISSUE6/IJRPR30184.pdf>.
- [202] C. Challoumis, "G7 - Global Minimum Corporate Tax Rate of 15%," *Int. J. Multicult. Multireligious Underst.*, vol. 10, no. 7, 2023.
- [203] C. Challoumis, "The R.B.Q. (Rational, Behavioral and Quantified) Model," *Ekonomika*, vol. 98, no. 1, pp. 6–18, 2019, doi: 10.15388/ekon.2019.1.1.
- [204] C. Challoumis, "Risk on the tax system of the E.U. from 2016 to 2022," *Economics*, vol. 11, no. 2, 2023.
- [205] C. Challoumis, "Impact factor of cost using the Sensitivity Method," *Int. J. Multicult. Multireligious Underst.*, 2024.
- [206] C. Challoumis, "Analysis of the Theory of Cycle of Money," *Acta Univ. Bohemiae Merid.*, vol. 23, no. 2, pp. 13–29, 2020, doi: <https://doi.org/10.2478/acta-2020-0004>.
- [207] C. Challoumis, "The Cycle of Money with and Without the Minimum Mixed Savings," *Pindus J. Cult. Lit. ELT*, vol. 3, no. 10, pp. 29–39, 2023.
- [208] C. Challoumis, "Impact factor of liability using the Sensitivity Method," *Peter Lang*, 2024.
- [209] C. Challoumis, "The cycle of money with and without the escaped savings," *Ekon. signali*, vol. 14, no. 1, pp. 89–99, 2019, doi: 336.76 336.741.236.5.
- [210] C. Challoumis, "Shortcuts from Liberalism to the First World War," *Pindus J. Cult. Lit. ELT*, vol. 4, no. 3, pp. 1–14, 2024.
- [211] C. Challoumis, "Utility of cycle of money with and without the enforcement savings," *Gospod. Innov.*, vol. 36, no. 1, pp. 269–277, 2023.
- [212] C. Challoumis, "Index of the cycle of money -the case of Bulgaria," *Econ. Altern.*, vol. 27, no. 2, pp. 225–234, 2021, [Online]. Available: <https://www.unwe.bg/doi/eajournal/2021.2/EA.2021.2.04.pdf>.
- [213] C. Challoumis, "Sensitivity plot of  $cy:((m_4 - 3 * m) * 10^{-4})$  - Cycle of money," *Cent. Asian J. Innov. Tour. Manag. Financ.*, 2024.
- [214] C. Challoumis, "THE IMPACT FACTOR OF HEALTH ON THE ECONOMY USING THE CYCLE OF MONEY," *Bull. Transilv. Univ. Braşov*, vol. 11, no. 60, pp. 125–136, 2018, [Online]. Available: [https://webbut.unitbv.ro/index.php/Series\\_V/article/view/2533/1979](https://webbut.unitbv.ro/index.php/Series_V/article/view/2533/1979).
- [215] C. Challoumis, "Sensitivity plot of  $cy:m_4 * 10^{-4}$  - Cycle of money," *Int. J. Econ. Innov.*, vol. 45, no. 11, pp. 259–272, 2024, doi: <https://doi.org/10.1515/npf-2019-0049>.
- [216] C. Challoumis, "The Role of Risk to the International Controlled Transactions," *Econ. Appl. Informatics*, vol. 2018, no. 3, pp. 57–64, 2018, doi: [I https://doi.org/10.26397/eai1584040917](https://doi.org/10.26397/eai1584040917).
- [217] C. Challoumis, "Theoretical analysis of fuzzy logic and Q. E. method in econo-mics," *IKBFU's Vestn.*, vol. 2019, no. 01, pp. 59–68, 2019.
- [218] C. Challoumis, "Sensitivity plot of  $cy:((m_4 - 3 * m_3) * 10^{-4})$  - Cycle of money," *Int. J. Econ. Bus. Manag. Account.*, 2024.
- [219] C. Challoumis, "Methods of Controlled Transactions and the Behavior of Companies According to the Public and Tax Policy," *Economics*, vol. 6, no. 1, pp. 33–43, 2018, doi: 10.2478/eoik-2018-0003.
- [220] C. Challoumis and M. Savic, "Rational and Behavioral Economics," *Ekon. signali*, vol. 19, no. 1, 2024.
- [221] C. Challoumis, "Comparative analysis between cost and liability based on the Sensitivity Method," *Open J. Sociol. Stud.*, 2024.
- [222] C. Challoumis, "The cycle of money - Minimum escape savings and financial liquidity," *Int. J. Multicult.*

- Multireligious Underst., vol. 11, no. 5, 2024.
- [223] C. Challoumis, "The Impact Factor of Education on the Public Sector and International Controlled Transactions," *Complex Syst. Res. Cent.*, vol. 2019, pp. 151–160, 2019, [Online]. Available: [https://www.researchgate.net/publication/350453451\\_The\\_Impact\\_Factor\\_of\\_Education\\_on\\_the\\_Public\\_Sector\\_and\\_International\\_Controlled\\_Transactions](https://www.researchgate.net/publication/350453451_The_Impact_Factor_of_Education_on_the_Public_Sector_and_International_Controlled_Transactions).
- [224] C. Challoumis, "Shortcuts From the Last Period of the Middle Ages to the Enlightenment on the View of Economic Aspects," *Pindus J. Cult. Lit. ELT*, vol. 4, no. 3, pp. 30–43, 2024.
- [225] C. Challoumis, "Index of the cycle of money - The case of Belarus," *Econ. Banks*, no. 2, 2021.
- [226] C. Challoumis, "Impact Factor of Liability of Tax System According to the Theory of Cycle of Money," in *Social and Economic Studies within the Framework of Emerging Global Developments Volume 3, V. Kaya*, vol. 3, 2023, pp. 31–42.
- [227] C. Challoumis, "From Economics to Economic Engineering (The Cycle of Money): The case of Romania," *Cogito*, vol. XVII, no. 2, 2024.
- [228] C. Challoumis, "Currency rate of the CM (Cycle of Money)," *Res. Pap. Econ. Financ.*, vol. 7, no. 1, 2023.
- [229] C. Challoumis, "Approach on arm's length principle and fix length principle mathematical representations," in *Innovations and Contemporary Trends in Business & Economics*, 2024.
- [230] C. Challoumis, "From Axiomatics Method to Multiple Axiomatics Method – Q.E. (Quantification of Everything) Method," *Int. J. Multicult. Multireligious Underst.*, 2024.
- [231] C. Challoumis, "Multiple Axiomatics Method and the Fuzzy Logic," *MIDDLE Eur. Sci. Bull.*, vol. 37, no. 1, pp. 63–68, 2023.
- [232] C. Challoumis, "Index of the Cycle of Money - The Case of Latvia," *Econ. Cult.*, vol. 17, no. 2, pp. 5–12, 2021, doi: 10.2478/jec-2020-0015.
- [233] C. Challoumis, "Sensitivity plot of  $cy: \{(m4 + 3 * m3) * 10^{-4}\}$  - Cycle of money," *J. Ilm. Pendidik. Holistik*, 2024.
- [234] C. Challoumis, "Index of the cycle of money - The case of Serbia," *Open J. Res. Econ.*, vol. 4, no. 1, 2021, [Online]. Available: <https://centerprode.com/ojre.html>.
- [235] C. Challoumis, "Index of the cycle of money: The case of Costa Rica," *Sapienza*, vol. 4, no. 3, pp. 1–11, 2023, [Online]. Available: <https://journals.sapienzaeditorial.com/index.php/SIJIS>.
- [236] C. Challoumis, "Sensitivity plot of  $cy: \{(m - m4) * 10^{-4}\}$  - Cycle of money," *J. Mark. Emerg. Econ.*, vol. 4, no. 2, pp. 24–35, 2024.
- [237] C. Challoumis, "Rewarding taxes on the economy (The theory of cycle of money)," *Int. J. Multicult. Multireligious Underst.*, vol. 11, no. 3, 2024.
- [238] C. Challoumis, "Impact Factor of the Rest Rewarding Taxes," in *Complex System Research Centre*, 2022.
- [239] C. Challoumis, "Capital and Risk in the Tax System," in *Complex System Research Centre*, 2023, pp. 241–244.
- [240] C. Challoumis, "Comparative analysis between cost and risk based on the Sensitivity Method," *Open J. Sociol. Stud.*, 2024.
- [241] C. Challoumis, "Sensitivity plot of  $cy: \{(m4 - 3 * m) * 10^{-4}\}$  - Cycle of money," *Hum. Cap. Innov. Manag.*, vol. 1, no. 3, pp. 60–74, 2024.
- [242] C. Challoumis, "Index of the cycle of money - the case of Poland," *Res. Pap. Econ. Financ.*, vol. 6, no. 1, pp. 72–86, 2022, [Online]. Available: <https://journals.ue.poznan.pl/REF/article/view/126/83>.
- [243] C. Challoumis, "Analysis of the velocities of escaped savings with that of financial liquidity," *Ekon. signali*, vol. 13, no. 2, pp. 1–14, 2018, doi: 10.5937/ekonsig1802001c.
- [244] C. Challoumis, *Rewarding taxes on the cycle of money*, vol. 5, 2024.
- [245] C. Challoumis, "Index of the cycle of money - The case of Montenegro," *Montenegrin J. Soc. Sci.*, vol. 5, no. 1–2, pp. 41–57, 2021.
- [246] C. Challoumis, "THE INFLATION ACCORDING TO THE CYCLE OF MONEY (C.M.)," *Econ. Altern.*, 2024.
- [247] C. Challoumis, "The cycle of money with and without the enforcement savings," *Complex Syst. Res. Cent.*, 2021.
- [248] C. Challoumis, "Velocity of the escaped savings and financial liquidity on maximum mixed savings," *Open J.*



Res. Econ., vol. 7, no. 1, 2024.

- [249] C. Challoumis, "The Impact Factor of Costs to the Tax System," *J. Entrep. Bus. Econ.*, vol. 8, no. 1, pp. 1–14, 2020, [Online]. Available: <http://scientifica.com/index.php/JEBE/article/view/126>.
- [250] C. Challoumis, "Economocracy versus capitalism," *Acta Univ. Bohemiae Merid.*, vol. 25, no. 1, pp. 33–54, 2022.