

# A Systematic Review Categorisation of the Stock Flow literature

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## Abstract

This is an annotated bibliography of published papers containing Stock Flow Consistent models with a focus on those dealing with international financial imbalances, financial instability and open economies. The reference section contains a more general listing of SFC models from the literature.

This document contains notes on a small selection of papers that are significant to my research project. Section 1 deals with papers that model international flows and imbalances. Section 2 lists models that deal with open economy issues. Section 3 looks at papers that have modelled Financial Instability, and finally Section 4 is concerned with models of the Shadow Banking System. The reference section at the end gives a fairly comprehensive, though not exhaustive, listing of publications containing Stock Flow Consistent models.

## 1 SFC Models of International Financial Imbalances

The publications in this section contain SFC models that capture international flows between two or more trading blocs or currency zones. These are considered separately from the models in section 2 which I have called ‘open economy’ models that deal with external trade between a single economy and ‘the rest of the world’.

None of the models in this section deal with ‘gross financial flows’ nor do they use real world data – they are theoretical models that analyse behaviour based on certain theoretical assumptions.

Mazier and Aliti [2009a] J Mazier and G Tiou Tagba Aliti. *World imbalances, exchange rates and macroeconomic adjustments: a three countries model stock flow consistent model*. In Congrès AFSE, page 37, 2009.

This paper deals with macroeconomic imbalances in a three country model with the US, China and the EU, however it does not consider gross financial flows. It is concerned with effects on the current account imbalances arising in two comparable exchange rate regimes. It proposes two models, the first with a fixed dollar-yuan parity, the second with a flexible parity. In the first scenario, ‘supply shocks’ have a significant effect on world imbalances and only the dollar-euro rate is able to absorb them. In the second scenario, the flexible rate provides a powerful adjustment mechanism and imbalances are significantly reduced.

The paper is cited by two others:

Lavoie and Zhao [2010]

A paper in French dealing with Eurozone imbalances, it does not use SFC modelling.

Mazier and Aliti [2012] J Mazier and G Tiou Tagba Aliti. World Imbalances And Macroeconomic Adjustments: A Three Country Stock Flow Consistent Model With Fixed Or Flexible Prices. *Metroeconomica*, 63(2):358-388, 2012.

This paper is a later update (2012) on the one above by the same authors and was published in *Metroeconomica*. It adds a third exchange rate scenario, a generalization of the two others with flexible prices rather than constant prices, presumably to answer the contention from mainstream macro that price adjustment will restore equilibrium. Their findings are that the difference between fixed and flexible prices was not barely significant compared to the differences in exchange rate regimes.

The paper is cited by eight others:

Caverzasi and Godin [2013]

Caverzasi and Godin [2014]

Bénassy-Quéré and Forouheshfar [2013]

Mazier and Valdecantos [2015]

Kinsella and Aliti [2012a]

Valdecantos and Zezza [2015]

Halporn and Zezza [2012]

and one other that is not concerned with SFC modelling.

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Aliti and Kinsella [2012] G Tiou Tagba Aliti and Stephen Kinsella. Simulating Global Rebalancing Using a Yuan Anchor in a Currency Basket with a Four-Country Stock-Flow Consistent Model. *Social Science Research Network (SSRN)*, 2012.

Like those described above, this paper uses a SFC model to consider the effects on current account imbalances of various exchange rate regimes. It uses a four sector model with the dollar, the euro, the renmimbi and a basket of currencies to represent the ‘rest of the world’. As with the models above, it examines the effect on current account imbalances of competitiveness shocks. They find that the extent of the adjustments is sensitive to the weighting of the currencies in the basket.

The paper currently has no citations listed in Google Scholar.

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Lavoie and Zhao [2010] M Lavoie and J Zhao. A Study Of The Diversification Of China’s Foreign Reserves Within A Three Country Stock Flow Consistent Model. *Metroeconomica*, 61(3):558-592, 2010.

This paper presents a three currency model with the US dollar, the euro and the renmimbi. It simulates the effect of a diversification of China’s foreign currency reserves away from the dollar and into the euro. The simulation results show that China and the USA both benefit from diversification, while the Euro economy slows down. Interestingly, the model generates path dependence

The paper is cited by 17 others:

Caverzasi and Godin [2013]  
 Caverzasi and Godin [2014]  
 Mazier and Aliti [2012]  
 Mazier and Valdecantos [2013]  
 Mazier and Valdecantos [2015]  
 Kinsella and Aliti [2012a]  
 Valdecantos and Zezza [2015]  
 Halporn and Zezza [2012]

and some others that are not of interest.

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Bénassy-Quéré and Forouheshfar [2013]    Agnès Bénassy-Quéré and Yeganeh Forouheshfar. The Impact of Yuan Internationalization on the Euro-Dollar Exchange Rate. Mar 2013. URL <http://papers.ssrn.com/abstract=2232680>.

This paper uses two models – a static model and a dynamic SFC model – of a three currency world (dollar, euro, yuan) to analyse the effect of the internationalisation of the yuan (represented by a rise in the yuan in international portfolios) on the euro-dollar exchange rate. The static model shows that the effect would be neutral whereas the dynamic model shows that exchange rate variations would be more stabilising on net foreign asset positions.

The paper is cited by four others none of which is relevant to SFC modelling.

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Halporn and Zezza [2012]    Sebastian V. Halporn and Gennaro Zezza. Reforming the International Monetary System. A stock-flow-consistent approach. In *Speculation and regulation in commodity markets: The Keynesian approach in theory and practice*, chapter 11. Reform, pages 243-272. 2012.

This paper presents a SFC model for the analysis of alternative organizations of the international monetary system, and reports some simulation results from the model. The model has four blocks: the United States, the Euro zone; China and the Rest of the World. All countries trade with each other in both goods and financial assets. The model is able to replicate the Triffin dilemma: a restrictive monetary policy in the country issuing the international currency will have global recessionary effects. Simulations of an International Clearing Union as proposed by Keynes in the Bretton Woods conference is shown to automatically adjust current account imbalances.

The paper currently has no citations listed in Google Scholar.

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Valdecantos and Zezza [2015]    Sebastian Valdecantos and Gennaro Zezza. Reforming the international monetary system: a stock flow-consistent approach. *Journal of Post Keynesian Economics*, 38(2):167-191, Oct 2015.

This paper views the global macroeconomic imbalances from the viewpoint of the international financial system and constructs SFC models to model various reform scenarios to gauge their effectiveness in reducing imbalances as well as avoiding the recessionary bias that is built into the current arrangements. They divide the world into four blocs – US, EZ, China and ROW. The latter two fix their exchange rates against the dollar, the euro-dollar rate is floating. Each block trades with the others in goods and services and financial assets. Each block is modelled as a five sector model – households, non-financial firms, the financial sector, central bank and government. They then investigate effects on imbalances and global output using three different model closures, the first with the US dollar as the international medium of exchange, the second with an increased role for SDRs and finally a bancor model. In the bancor model, global imbalances are eliminated. This paper currently has no citations listed in Google Scholar.

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Belabed et al. [2013] Belabed, C.A., Theobald, T. and van Treeck, T., 2013. Income Distribution and Current Account Imbalances, Berlin. Available at: <http://www.econstor.eu/handle/10419/105993>.

A three-country, stock-flow consistent macroeconomic model to study the effects of changes in both personal and functional income distribution on national current account balances. It develops the hypothesis of income inequality as a contributor to current account imbalances.

The paper is cited by 16 others.

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## 2 SFC Models of Open Economies

Caldentey [2007] Esteban P Caldentey. Balance of payments constrained growth within a consistent stock flow framework: An application to the economies of CARICOM. Technical report, ECLAC, 2007.

This paper currently has no citations listed in Google Scholar.

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Dos Santos and Macedo e Silva [2010] Claudio H. Dos Santos and Antonio Carlos Macedo e Silva. Revisiting ‘New Cambridge’: The Three Financial Balances in a General Stock-Flow Consistent Applied Modeling Strategy. 2010.

Uses the ‘New Cambridge’ three balances (private, public, external) to introduce open economy issues into a stock flow consistent model.

The paper is cited by 8 others:

Cripps et al. [2011]

Shaikh [2012]

Dafermos [2015]

Leite [2015]

Michell [2012]

and three others that are not published in English.

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### 3 SFC Models of Financial Instability

Passarella [2011] Passarella, M., 2011. Systemic financial fragility and the monetary circuit: a stock-flow consistent approach, Bergamo. Available at: <http://mpira.ub.uni-muenchen.de/28498/> [Accessed October 8, 2015].

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Kinsella [2011] Kinsella, S., 2011. Words to the Wise: Stock Flow Consistent Modeling of Financial Instability. Geary Institute, University College Dublin, Working Papers: 201130, 2011, 14 pp., p.14.

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Le Heron [2009c] Le Heron, E., 2009. Financial Crisis And Banking Behaviour In A Post-Keynesian Stock-Flow Consistent Model, CEPN - UMR 7115, Paris.

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Tymoigne [2006] Temoigne, E., 2006. System dynamics modeling of a stock flow consistent Minskyan model/by Eric Temoigne (The Minskyan system.

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Michell [2014b] Michell, J., 2014. Speculation, financial fragility and stock-flow consistency. In R. Bellofiore & G. Vertova, eds. The Great Recession and the Contradictions of Contemporary Capitalism. Cheltenham, UK: Edward Elgar.

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Dos Santos [2004a] Dos Santos, C.H., 2004. A stock-flow consistent general framework for formal Minskyan analyses of closed economies, Annandale-on-Hudson, NY.

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Mouakil [2014] Mouakil, T., 2014. A Minsky crisis in a Stock-Flow Consistent model. *Revue de la regulation*. Capitalisme, institutions, Pouvoirs, 16. Available at: <http://regulation.revues.org/10963> [Accessed October 8, 2015].

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## 4 SFC Models of Shadow Banking

- Miess and Schmelzer [2015] Miess, M.G. & Schmelzer, S., 2015. A Stock-flow Consistent Model of Financialisation and Shadow Banking: Financial Fragility in a Modern Capitalist Economy. In IMK FMM Conference, Berlin 2015.
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- Cao [2015] Cao, S., 2015. A Stock-Flow Consistent Model of the Shadow Banking System with Some Minsky Dynamics. University of Ottawa.
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## References

- JV Accoce and T Mouakil. The monetary circuit approach: a stock-flow consistent model. *Money, Distribution and Economic Policy: Alternatives ...*, 2007.
- G Tiou Tagba Aliti and Stephen Kinsella. Simulating Global Rebalancing Using a Yuan Anchor in a Currency Basket with a Four-Country Stock-Flow Consistent Model. *Social Science Research Network (SSRN)*, 2012. URL [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2006337](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2006337).
- M Carrion Alvarez and Dirk H. Ehnts. The Roads Not Taken: Graph Theory and Macroeconomic Regimes in Stock-Flow Consistent Modelling. 2014. URL <http://ssrn.com/abstract=2518204>.
- Miguel Carrión Alvarez. From GDP to Flow-of-Funds: A Graphical Stock-Flow modelling approach. In *IMK FMM Conference, Berlin 2015*, 2015.
- Philip Arestis and Malcolm Sawyer. The Effectiveness of Fiscal Policy in the Levy Institute's Stock-flow Model. *Contributions to Stock-Flow Modeling: Essays in Honor of Wynne Godley*, 2011.
- Paul J Beckta. *Modelling a Speculative Housing Market in a Stock-Flow Consistent Framework*. M.a., University of Ottawa, 2015.
- Christian A Belabed, Thomas Theobald, and Till van Treeck. Income Distribution and Current Account Imbalances. 2013. URL <http://www.econstor.eu/handle/10419/105993>.
- Agnès Bénassy-Quéré and Yeganeh Forouheshfar. The Impact of Yuan Internationalization on the Euro-Dollar Exchange Rate. mar 2013. URL <http://papers.ssrn.com/abstract=2232680>.
- M Berg, Brian Hartley, and O Richters. A stock-flow consistent inputoutput model with applications to energy price shocks, interest rates, and heat emissions. *New Journal of Physics*, 2015.
- Javier López Bernardo, Engelbert Stockhammer, and F López Martínez. A post-Keynesian theory for Tobin's  $q$  in a stock-flow consistent framework. 2015.
- Amit Bhaduri, Srinivas Raghavendra, and Vishwesha Guttal. On the Systemic Fragility of Finance-Led Growth. *Metroeconomica*, 66(1):158–186, 2015. ISSN 00261386. doi: 10.1111/meca.12070. URL <http://doi.wiley.com/10.1111/meca.12070>.

- P Boudes, A Kaszczyc, and L Pellissier. Monetary Economics Simulation: Stock-Flow Consistent Invariance, Monadic Style. 2015.
- C Bruun. The economics of Keynes in an almost stock-flow consistent agent-based setting. *Essays in Behavioural Economic Dynamics*, 2010.
- Alessandro Caiani, Antoine Godin, and Stefano Lucarelli. Schumpeter in a matrix: a Stock Flow Consistent analysis of technological change. 2012.
- Alessandro Caiani, Antoine Godin, and Stefano Lucarelli. Innovation and finance: a stock flow consistent analysis of great surges of development. 2013.
- Alessandro Caiani, Antoine Godin, Stephen Kinsella, and Eugenio Caverzasi. Innovation, demand, and finance in an agent based-stock flow consistent model. In *Advances in Computational Social Science and Social Simulation*, Barcelona, 2014a.
- Alessandro Caiani, Antoine Godin, and Stefano Lucarelli. A Stock Flow Consistent Analysis of a Schumpeterian Innovation Economy. *Metroeconomica*, 2014b. doi: 10.1111/meca.12045.
- Alessandro Caiani, Antoine Godin, Eugenio Caverzasi, and Mauro Gallegati. Agent Based-Stock Flow Consistent Macroeconomics: Towards a Benchmark Model. *Available at SSRN*, 2015.
- Esteban P Caldentey. Balance of payments constrained growth within a consistent stock-flow framework: An application to the economies of CARICOM. Technical report, ECLAC, 2007.
- Shaotang Cao. *A Stock-Flow Consistent Model of the Shadow Banking System with Some Minsky Dynamics*. M.a., University of Ottawa, 2015.
- Laura Carvalho and Corrado Di Guilmi. Income inequality and macroeconomic instability: A stock-flow consistent approach with heterogeneous agents. 2014.
- Eugenio Caverzasi and Antoine Godin. Stock-Flow Consistent Modeling Through the Ages. 2013. URL <http://papers.ssrn.com/abstract=2196498>.
- Eugenio Caverzasi and Antoine Godin. Post-Keynesian stock-flow-consistent modelling: a survey. *Cambridge Journal of Economics*, 39(1):157–187, 2014. ISSN 0309-166X. doi: 10.1093/cje/beu021. URL <http://cje.oxfordjournals.org/cgi/doi/10.1093/cje/beu021>.
- Jean-Bernard Chatelain. The Profit Investment Unemployment Nexus And Capacity Utilization In A Stock Flow Consistent Model. *Metroeconomica*, 61(3):454–472, 2010.
- B Ciuffo and E Rosenbaum. Comparative numerical analysis of two stock-flow consistent post-Keynesian growth models. 2015.
- M Clévenot and Y Guy. The redistribution conflict in the 'patrimonial regime' through a stockflow consistent model. *Employment, Growth and Development: A Post- ...*, 2012.
- A Correa and Romar Correa. Accounting for Financialization: Stock-Flow-Consistent Political Economy. *World Review of Political Economy*, 2015.
- Romar Correa. Stock-Flow Norms and Systemic Stability. *Economic and Political Weekly*, (March 18):1059–1062, 2006.
- Romar Correa. Regime-Changes in a Stock-Flow-Consistent Model. *Interdisciplinary Description of Complex Systems*, 8(1):24–33, 2010.

- Francis Cripps, Alex Izurieta, and Ajit Singh. Global Imbalances, Under-consumption and Over-borrowing: The State of the World Economy and Future Policies. *Development and Change*, 42(1):228–261, 2011. ISSN 0012155X. doi: 10.1111/j.1467-7660.2011.01687.x.
- Yannis Dafermos. Inflation, Employment and Liquidity Preference in a Stock-Flow Consistent Model. In *IMK FMM Conference, Berlin 2009*, page 50, Berlin, 2009.
- Yannis Dafermos. Liquidity preference, uncertainty, and recession in a stock-flow consistent model. *Journal of Post Keynesian Economics*, 34(4):749–776, 2012.
- Yannis Dafermos. Debt cycles, instability and fiscal rules: A Godley-Minsky model. In *IMK FMM Conference, Berlin 2015*, page 37, Berlin, 2015. URL [http://www.boeckler.de/pdf/v\\_2015\\_10\\_24\\_dafermos.pdf](http://www.boeckler.de/pdf/v_2015_10_24_dafermos.pdf).
- Yannis Dafermos and Christos Papatheodorou. Linking functional with personal income distribution: a stock-flow consistent approach. In *IMK FMM Conference, Berlin 2011*, page 34, Berlin, 2011.
- Yannis Dafermos, Giorgios Galanis, and Maria Nikolaidi. An ecological stock-flow-fund modelling framework. In *IMK FMM Conference, Berlin 2014*, page 21, Berlin, 2014. IMK.
- Gauthier Daigle. *A behavioural finance model of exchange rate expectations within a stock-flow consistent framework*. M.a., University of Ottawa, 2008.
- Thomas Dallery and Till van Treeck. Conflicting claims and equilibrium adjustment processes in a stock-flow consistent macroeconomic model. 2008.
- EP Davis. A stock flow consistent macroeconomic model of the UK economy part I. *Journal of Applied Econometrics*, 2:111–132, 1987a.
- EP Davis. A stock-flow consistent macro-econometric model of the UK economy part II. *Journal of Applied Econometrics*, 2:259–307, 1987b.
- Marcel de la Fontejne and R Marcel. An Inconsistency in Using Stock Flow Consistency in Modelling the Monetary Profit Paradox. *Economics Discussion Papers*, pages 1–8, 2014. URL <http://hdl.handle.net/10419/90156>.
- Saul Desiderio and Siyan Chen. Long-run consequences of debt in a stock-flow consistent network economy. 2012. URL <http://mpira.ub.uni-muenchen.de/43011/> MPRA.
- Claudio H. Dos Santos. A stock-flow consistent general framework for formal Minskyan analyses of closed economies. 2004a.
- Claudio H. Dos Santos. A Stock-Flow Consistent General Framework for Minskyan Analysis of Closed Economics. 2004b.
- Claudio H. Dos Santos. Keynesian theorising during hard times: stock-flow consistent models as an unexplored ‘frontier’ of Keynesian macroeconomics. *Cambridge Journal of Economics*, 30(4):541–565, 2005. ISSN 0309-166X. doi: 10.1093/cje/bei069. URL <http://cje.oxfordjournals.org/cgi/doi/10.1093/cje/bei069>.
- Claudio H. Dos Santos and Antonio Carlos Macedo e Silva. Revisiting ‘New Cambridge’: The Three Financial Balances in a General Stock-Flow Consistent Applied Modeling Strategy. 2010.
- Claudio H. Dos Santos and Gennaro Zezza. A Post-Keynesian Stock-Flow Consistent Macroeconomic Growth Model: Preliminary Results. 2004.



- Claudio H. Dos Santos and Gennaro Zezza. A simplified stock-flow consistent Post-Keynesian growth model. 2005.
- Claudio H. Dos Santos and Gennaro Zezza. A Simplified 'Benchmark' Stock Flow Consistent Post Keynesian Growth Model. 2007.
- SY Effah. Introducing Real Estate Assets and the Risk of Default in a Stock-flow Consistent Framework. 2012.
- Balazs Egert, Amina Lahrière-Révil, and Kirsten Lommatzsch. The stock-flow approach to the real exchange rate of CEE transition economies. *ResearchGate*, January, 2:23, 2005. URL <http://www.researchgate.net/publication/5178008>.
- Eladio Febrero. Multisectoral models in a StockFlow Consistent Framework. Towards modelling a monetary economy of production. In *18th International Conference on Input-Output Techniques*, Sydney, 2010.
- Peter G. Fennell, David J.P. O'Sullivan, Antoine Godin, and Stephen Kinsella. Visualising stock flow consistent models as directed acyclic graphs. *Available at SSRN 2492242*, pages 1–11, 2014. URL <http://arxiv.org/abs/1409.4541>.
- Peter G. Fennell, David J.P. O'Sullivan, Antoine Godin, and Stephen Kinsella. Is It Possible to Visualise Any Stock Flow Consistent Model as a Directed Acyclic Graph? *Computational Economics*, 2015.
- Olimpia Fontana and Antoine Godin. Securitization, housing market and banking sector behavior in a stock-flow consistent model. 2013. URL <http://hdl.handle.net/10419/69512>.
- EG Furubotn. A Stock Flow Model Of Monopolistic Competition: The Short Run Case. *Economic Inquiry*, 1970.
- AG Garba. Nigerian domestic debt: resolution of the 'stock-flow puzzle' and generation of a credible data set. *The Nigerian Journal of Economic and Social Studies*, 1998.
- V Gaube, C Kaiser, and M Wildenberg. Combining agent-based and stock-flow modelling approaches in a participative analysis of the integrated land system in Reichraming, Austria. *Landscape Ecology*, 2009.
- Sugata Ghosh and Udayan (Long Island University) Roy. Fiscal policy, long-run growth, and welfare in a stock-flow model of public goods. *Canadian Journal of Economics/Revue canadienne d'...*, 37(3):742–756, 2004.
- Antoine Godin. Green Jobs for Full Employment: A Stock Flow Consistent Analysis. *Available at SSRN 2026529*, 2012.
- Antoine Godin. Post-Keynesian stock-flow consistent modelling: Editorial to the Special issue. *European Journal of Economics and Economic Policies: Intervention.*, 12(1):29–31, 2015.
- Wynne Godley. Towards a reconstruction of macroeconomics using a stock flow consistent (SFC) model. 2004.
- Wynne Godley, Marc Lavoie, and WJ Martin. Fiscal Policy in a Stock-flow Consistent (SFC) Model: A Comment. *Levy Economics Institute Working Papers*, page 28, 2007.
- M Greenwood-Nimmo. Inflation Targeting Monetary and Fiscal Policies in a Two-Country Stock-Flow Consistent Model: Technical Annex. 2012.

- J Hadar. A Note on Stock-Flow Models of Consumer Behavior. *The Quarterly Journal of Economics*, 1965a.
- J Hadar. Comparative statics of stock-flow equilibrium. *The Journal of Political Economy*, 1965b.
- Sebastian V. Halporn and Gennaro Zezza. Reforming the International Monetary System. A stock-flow-consistent approach. In *Speculation and regulation in commodity markets: The Keynesian approach in theory and practice*, chapter 11. Reform, pages 243–272. 2012.
- GW Harrison. The stock-flow distinction: A suggested interpretation. *Journal of Macroeconomics*, 1980.
- W Hayworth. Agent-Based Financial Modeling with Stock-Flow-Consistent Microfoundations. 2012.
- Eckhard Hein. Financialisation in a comparative static, stock-flow consistent Post-Kaleckian distribution and growth model. 2008.
- F Kajuth, TA Knetsch, and N Pinkwart. Assessing house prices in Germany: Evidence from an estimated stock-flow model using regional data. 2013.
- RAO Kang-da. Development of Modern Exchange Rate Determination Theory: From Flow Approach to Stock Approach then to Stock-Flow Approach. *The Theory and Practice of Finance and Economics*, 2004.
- Saed S. Khalil. Price Formation, Income Distribution, and the Business Cycle in a Stock-Flow Consistent Monetary Model. 2011.
- Saed S. Khalil and Stephen Kinsella. Simulating Financial Integration: A Stock-flow Consistent Perspective. 2010.
- JH Kim. A Two-Sector Model with Target Return Pricing in a Stock-Flow Consistent Framework. 2006.
- Stephen Kinsella. Words to the Wise: Stock Flow Consistent Modeling of Financial Instability. *Geary Institute, University College Dublin, Working Papers: 201130, 2011, 14 pp.*, page 14, 2011. ISSN 1556-5068. doi: 10.2139/ssrn.1955613. URL <http://search.proquest.com/docview/913432355?accountid=13042> \n <http://ssrn.com/abstract=1955613>
- Stephen Kinsella and G Tiou Tagba Aliti. Simulating the impact of austerity on the Irish economy using a Stock-Flow Consistent model. *Social Science Research Network (SSRN)*, 2012a.
- Stephen Kinsella and G Tiou Tagba Aliti. Towards a Stock Flow Consistent Model for Ireland. *Available at SSRN 2011462*, 2012b.
- Stephen Kinsella and Saed S. Khalil. Debt deflation traps within small open economies: A stock-flow consistent perspective. In *Stock Flow Consistent Modelling: Essays in Honour of Wynne Godley*. 2011.
- Stephen Kinsella and T O’Shea. Solution and Simulation of Large Stock Flow Consistent Monetary Production Models Via the Gauss Seidel Algorithm. *Journal of Policy Modeling, Forthcoming*, 2010.
- Stephen Kinsella, Matthias Greiff, and Edward J. Nell. Income distribution in a stock-flow consistent model with education and technological change. *Eastern Economic Journal*, 2011.

- Stephen Kinsella, Antoine Godin, G Tiou Tagba Aliti, and Stephen Kinsella. Method to Simultaneously Determine Stock, Flow, and Parameter Values in Large Stock Flow Consistent Models. *Social Science Research Network (SSRN)*, page 24, 2012. URL <http://ssrn.com/abstract=2094996>.
- JA Klerman and SJ Haider. A stock-flow analysis of the welfare caseload. *Journal of Human Resources*, 2004.
- O Komínek. Stock-flow consistent modelling: An alternative approach for dynamic models. 2014.
- T Kosugi, K Tokimatsu, and A Kurosawa. Evaluating future sustainability: flow and stock of the earth's capital assets. *3rd World Congress of ...*, 2006.
- J Kremers. External imbalances and fiscal policy in the group of three countries: the role of stock-flow dynamics. 1989.
- M Lavoie. Circuit and coherent stock-flow accounting. In Richard Arena and Neri Salvadori, editors, *Money, Credit, and the Role of the State: Essays in ...*, chapter 9 Circuit. Ashgate Publishing Ltd, Aldershot, UK, 2004.
- M Lavoie. Financialisation issues in a post-Keynesian stock-flow consistent model. *conference Finance-led Capitalism*, 2007.
- Marc Lavoie. Endogenous Money in a Coherent Stock-Flow Framework. In "*Monetary Foundations of Macroeconomic Policy: Old Puzzles and New Issues*", Berlin, March 2001., page 31, Berlin, 2001. Frei Universität, Berlin.
- Marc Lavoie and Gauthier Daigle. A Behavioural Finance Model Of Exchange Rate Expectations Within A StockFlow Consistent Framework. *Metroeconomica*, 2011.
- Marc Lavoie and Wynne Godley. Kaleckian models of growth in a coherent stock-flow monetary framework: a Kaldorian view. *Journal of Post Keynesian Economics*, 2001.
- Marc Lavoie and Wynne Godley. Features of a realistic banking system within a Post-Keynesian stock-ow consistent model. In *Money and Macroeconomic Theory: Essays in Honour of Basil Moore*. 2003.
- Marc Lavoie and Jun Zhao. A Study Of The Diversification Of China's Foreign Reserves Within A Three Country Stock Flow Consistent Model. *Metroeconomica*, 61(3):558–592, 2010.
- Edwin Le Heron. Fiscal and monetary policies in a Keynesian stock-flow consistent model. *Current Thinking on Fiscal Policy*, 2008.
- Edwin Le Heron. Monetary and scal policies in a Post Keynesian stockow consistent model. 2009a.
- Edwin Le Heron. Financial crisis, state of confidence and economic policies in a post-Keynesian stock-flow consistent model. 2009b.
- Edwin Le Heron. Financial Crisis And Banking Behaviour In A Post-Keynesian Stock-Flow Consistent Model. 2009c.
- Edwin Le Heron. Confidence and financial crisis in a post-Keynesian stock flow consistent model. *Intervention. European Journal of Economics and Economic Policies*, 8(2):361–387, 2011.



- Jo Michell. A Steindlian account of the distribution of corporate profits and leverage: A stock-flow consistent macroeconomic model with agent-based microfoundations. 2014a. URL [http://www.boeckler.de/pdf/v\\_2014\\_10\\_30\\_michell.pdf](http://www.boeckler.de/pdf/v_2014_10_30_michell.pdf) \n<http://www.postkeynesian.net/downloads>
- Jo Michell. Speculation, financial fragility and stock-flow consistency. In Riccardo Bellofiore and Giovanna Vertova, editors, *The Great Recession and the Contradictions of Contemporary Capitalism*, chapter 7. Specula. Edward Elgar, Cheltenham, UK, 2014b.
- Jo Michell and Jan Toporowski. The stock-flow consistent approach with active financial markets. In *Contributions to Stock-Flow Modelling: Essays in ...*, chapter 9. The sto, pages 173–196. 2011.
- Michael Gregor Miess and Stefan Schmelzer. A Stock-flow Consistent Model of Financialisation and Shadow Banking : Financial Fragility in a Modern Capitalist Economy. In *IMK FMM Conference, Berlin 2015*, 2015.
- A Mihailov. EC933-G-AU International FinanceLecture 3 Macroeconomic Theories of Balance of Payments Adjustment: Stock and Stock-Flow Approaches. 2004.
- Tarik Mouakil. A Minsky crisis in a Stock-Flow Consistent model. *Revue de la régulation. Capitalisme, institutions, Pouvoirs*, 16, 2014. URL <http://regulation.revues.org/10963>.
- Asjad Naqvi. Growth, Distributions, and the Environment. A Stock-Flow Consistent Framework for Policy Analysis. 2014.
- Asjad Naqvi. Modeling Growth, Distribution, and the Environment in a Stock-Flow Consistent Framework. 2015.
- Maria Nikolaidi. Securitization, Household Debt and Financial Instability in a Stock-Flow Consistent Model. In *14th IMK FMM Conference, Berlin 2010*, Berlin, 2010. IMK.
- Dimitri B Papadimitriou and Gennaro Zezza. *Contributions to Stock-Flow Modeling: Essays in Honor of Wynne Godley*. Palgrave Macmillan, 2011. ISBN 0230294456. URL <https://books.google.com/books?hl=en&lr=&id=khNYA-r94r4C&pgis=1>.
- Marco Passarella. Systemic financial fragility and the monetary circuit: a stock-flow consistent approach. 2011. URL <http://mpira.ub.uni-muenchen.de/28498/>.
- Marco Passarella. A simplified stock-flow consistent dynamic model of the systemic financial fragility in the New Capitalism. *Journal of Economic Behavior & Organization*, 83(3):570–582, 2012. ISSN 01672681. doi: 10.1016/j.jebo.2012.05.011. URL <http://mpira.ub.uni-muenchen.de/28499/> <http://linkinghub.elsevier.com/retrieve/pii/S0167268112001205>.
- R Petrocchi. From classical analysis to the stock-flow model of production: complementarity and time in the productive process. *Rivista di Economia Agraria*, 1990.
- Marc Pilkington. Conceptualizing the Shadow Financial System in a Stock-Flow Consistent Framework. *ResearchGate*, page 13, 2008. URL <http://ssrn.com/abstract=1297645>.
- Philip Pilkington. A Stock-flow Approach to a General Theory of Pricing. 2013.
- Alan A. Powell and Christopher W. Murphy. National-Accounting, Stock-Flow and Miscellaneous Identities. In *Inside a Modern Macroeconometric Model: A Guide to the Murphy Mode*, chapter 24. Nation, pages 259–264. Springer, Heidelberg, 2005. ISBN 978-3-642-63836-7.

- L Reyes and Jacques Mazier. Financialized growth regime: lessons from Stock Flow Consistent models. *Revue de la régulation. Capitalisme, institutions, ...*, 2014.
- OA Hernandez Romo. Continuous Time Approach of Stock-Flow Consistent Macroeconomic Models. 2015.
- Soon Ryoo. A Stock-Flow Consistent Model of Minskyan Long Waves (slides). In *The Hyman P. Minsky Summer Conference The Levy Economics Institute of Bard College, June 27-29, 2010*, 2010.
- Jamel Saadaoui. *Global Imbalances, Equilibrium Exchange Rates and SFC Modelling*. Ph.d., University of Paris North, 2012. URL <http://mpira.ub.uni-muenchen.de/51332/>.
- P Sedlmeier, F Brockhaus, and M Schwarz. Visual integration with stock-flow models: How far can intuition carry us? ... und *Stochastik lernen Using Tools for ...*, 2014.
- MM Seiferling. Stock-flow adjustments, government’s integrated balance sheet and fiscal transparency. 2013.
- Anwar Shaikh. Three Balances and Twin Deficits: Godley versus Ruggles and Ruggles, 2012.
- R Shone. The Monetary Approach to the Balance of Payments: Stock-Flow Equilibria. *Oxford Economic Papers*, 1980.
- DW Smith. Flow, Code and Stock: A Note on Deleuze’s Political Philosophy. *Deleuze Studies*, 2011.
- E Steiner. Estimating a stock-flow model for the Swiss housing market. *Swiss Journal of Economics and Statistics (SJES)*, 2010.
- D Tavani. Credit Constraints, Profitability, and Animal Spirits in a Stock-Flow Consistent Model of Investment and Growth. *Review of Political Economy*, 2011.
- E Temoigne. System dynamics modeling of a stock flow consistent Minskyan model/by Eric Temoigne (The Minskyan system. 2006.
- Eric Tymoigne. The Minskyan system, part III: System dynamics modeling of a stock flow-consistent Minskyan model. 2006.
- Sebastian Valdecantos and Gennaro Zezza. Reforming the international monetary system: a stock-flow-consistent approach. *Journal of Post Keynesian Economics*, 38(2):167–191, oct 2015. ISSN 0160-3477. doi: 10.1080/01603477.2015.1065679. URL <http://www.tandfonline.com/doi/abs/10.1080/01603477.2015.1065679>.
- V Valli. New Economic Policies In A Changing World: A Stock-Flow Approach. *Annali della Fondazione Luigi Einaudi*, 2013.
- Sander van der Hoog and Herbert Dawid. Bubbles, Crashes and the Financial Cycle: Insights from a Stock-Flow Consistent Agent-Based Macroeconomic Model. 2015.
- U van Suntum. Long Term Effects of Fiscal and Monetary Policy in a Stock-Flow-Consistent Macro-Framework. *Credit and Capital Markets*, 2013.
- Till van Treeck. A synthetic, stockflow consistent macroeconomic model of ‘financialisation’. *Cambridge Journal of Economics*, 2009.

- Various. Speculation and regulation in commodity markets: The Keynesian approach in theory and practice. Technical report, Sapienza University, Rome, 2012. URL <http://mpira.ub.uni-muenchen.de/44131/>.
- S-H Wang and S-L Huang. An Integrated Stock-flow and Agent-based Model for Simulating Land Use and Environmental Change in Peri-urban Area. 2010.
- A Weber. Stock-Flow Adjustments and Fiscal Transparency: A Cross-Country Comparison. 2012.
- JW Weibull. A stock-flow approach to general equilibrium with trade frictions. *Applied Mathematics and Computation*, 1984.
- Diarmid J.G. Weir. *The macroeconomic significance of Household Lending demonstrated in relation to a Stock-Flow Consistent model*. PhD thesis, University of Stirling, 2012.
- K Yamaguchi. Stock-flow fundamentals, dealt time (dt) and feedback loop from dynamics to system dynamics. *OSU Journal of Business Administration*, 2000.
- LB Yeager and AA Rabin. Monetary aspects of Walras's law and the stock-flow problem. *Atlantic Economic Journal*, 1997.
- Gennaro Zezza. Dynamic properties of stock-flow models with stable stock-flow norms. *Eastern Economic Association 2003 Conference. New ...*, 2003.
- Gennaro Zezza. The US housing market: a stock-flow consistent approach. *Ekonomia*, 2007.
- Gennaro Zezza. Theory and Practice of Consistent Stock Flow Models. 2012a.
- Gennaro Zezza. Godley and Graziani: Stock-Flow-Consistent Monetary Circuits. *Contributions in Stock-Flow Modeling: Essays in Honor ...*, 2012b.
- Gennaro Zezza. SFC Modelling : Euro Crisis and Perspectives. 2015.
- Gennaro Zezza and Claudio H. Dos Santos. The Role of Monetary Policy in Post-Keynesian Stock-Flow Consistent Macroeconomic Growth Models: Preliminary Results. 2004.
- Gennaro Zezza and Claudio H. Dos Santos. Distribution and growth in a post-Keynesian stock-flow consistent model. In Neri Salvadori, editor, *Economic growth and distribution*, chapter 5. Distrib. Edward Elgar, Cheltenham, UK, 2006.
- Jun Zhao. A Three-Country Model with Fixed and Floating Exchange Rates under a Stock-Flow Coherent Approach. 2006.