

CPAF — References

The published work underlying the framework. Every dimension, mechanism, and validation test in the model traces to a named source; the framework, its selection and coupling of these, and the judgement throughout are the author's.

The seven analytical dimensions

D1 — Graph & network theory. Provan, K. G., & Milward, H. B. (2001). Do networks really work? *Public Administration Review*, 61(4). · Granovetter, M. (1973). The strength of weak ties. *American Journal of Sociology*, 78(6).

D2 — Attractor & critical-transition analysis. Meadows, D. (2008). *Thinking in Systems*. · Scheffer, M., et al. (2001). Catastrophic shifts in ecosystems. *Nature*, 413. · Scheffer, M. (2009). *Critical Transitions in Nature and Society*. · Azariadis, C., & Stachurski, J. (2005). Poverty traps. In *Handbook of Economic Growth*. · Holling, C. S. (1973). Resilience and stability of ecological systems. *Annual Review of Ecology and Systematics*, 4.

D3 — Narrative Policy Framework. Jones, M. D., & McBeth, M. K. (2010). A Narrative Policy Framework. *Policy Studies Journal*, 38(2). · Sabatier, P. A. (1988). An advocacy coalition framework. *Policy Sciences*, 21.

D4 — System dynamics. Sterman, J. D. (2000). *Business Dynamics*. · Forrester, J. W. (1961). *Industrial Dynamics*.

D5 — Spatiotemporal analysis. Anselin, L. (1988). *Spatial Econometrics*. · Tobler, W. (1970). A computer movie simulating urban growth. *Economic Geography*, 46.

D6 — Agent-based modelling. Epstein, J. M., & Axtell, R. (1996). *Growing Artificial Societies*. · Schelling, T. C. (1971). Dynamic models of segregation. *Journal of Mathematical Sociology*, 1.

D7 — Monte Carlo simulation. Metropolis, N., & Ulam, S. (1949). The Monte Carlo method. *Journal of the American Statistical Association*, 44. · Saltelli, A., et al. (2008). *Global Sensitivity Analysis: The Primer*.

Policy process & coordination theory

Pierson, P. (2000). Increasing returns, path dependence, and the study of politics. *American Political Science Review*, 94(2). · Howlett, M., & Rayner, J. (2007). Design principles for policy mixes. *Policy and Society*, 26(4). · Kingdon, J. W. (1984). *Agendas, Alternatives, and Public Policies*. · Ostrom, E. (1990). *Governing the Commons*. · Olson, M., & Marwell, G. (1985) on collective action and critical mass. · Granovetter, M. (1978). Threshold models of collective behaviour. *American Journal of Sociology*, 83(6). · Peters, B. G. (2015). *Pursuing Horizontal Management*. · Bardhan, P. (2002). Decentralization of governance and development. *Journal of Economic Perspectives*, 16(4).

Validation standard

Barlas, Y. (1996). Formal aspects of model validity and validation in system dynamics. *System Dynamics Review*, 12(3). · Forrester, J. W., & Senge, P. M. (1980). Tests for building confidence in system dynamics models. *TIMS Studies in the Management Sciences*, 14. · Sargent, R. G. (2013). Verification and validation of simulation models. *Journal of Simulation*, 7(1). · Saltelli, A., et al. (2004). *Sensitivity Analysis in Practice*.

Domain sources (case grounding)

Wilkinson-Weber, C. M. (1999). *Embroidering Lives: Women's Work and Skill in the Lucknow Embroidery Industry*. · Liebl, M., & Roy, T. (2003). Handmade in India: preliminary analysis of crafts producers and crafts production. *Economic and Political Weekly*, 38(51/52). · Harriss-White, B. (2003). *India Working: Essays on Society and Economy*.

Threshold anchoring (poverty & consumption lines)

World Bank international poverty lines: \$2.15/day (2017 PPP, extreme poverty) and \$3.00/day (2021 PPP). · Government of India, Household Consumption Expenditure Survey (HCES) 2023-24 (rural MPCE). · Press Information Bureau (2025), *India's Poverty Story Transformed*. · Rangarajan Committee rural poverty line (inflation-adjusted).

Framework citation

Abboudi, B. (2026). *Modelling Policy Complexity: A Computational Framework for Analysing Multi-Ministry Coordination in India's Handicrafts Sector* (Master of Arts in Public Policy thesis). O.P. Jindal Global University. CPAF v6 is an elaborated implementation extending that framework.