

Note: This is Online Appendix 3 of Onyeagoziri, O.J., Shaw, C. & Ryan, T., 2021, 'A system dynamics approach for understanding community resilience to disaster risk', *Jàmbá: Journal of Disaster Risk Studies* 13(1), a1037. <https://doi.org/10.4102/jamba.v13i1.1037>

Online Appendix 3:

The causal loops show variables that influences one another and together produce systemic behaviour. It shows that continuous understanding and improvement of the systemic resilience influences the level of development of systemic resilience in the communities. The mechanisms causing the low level of development of systemic resilience in the communities were identified as the level of vulnerability and exposure to disaster risk and the lack of community disaster response, disaster risk recovery, and disaster risk reduction. These mechanisms can be improved by the level of understanding of systemic resilience in the communities.

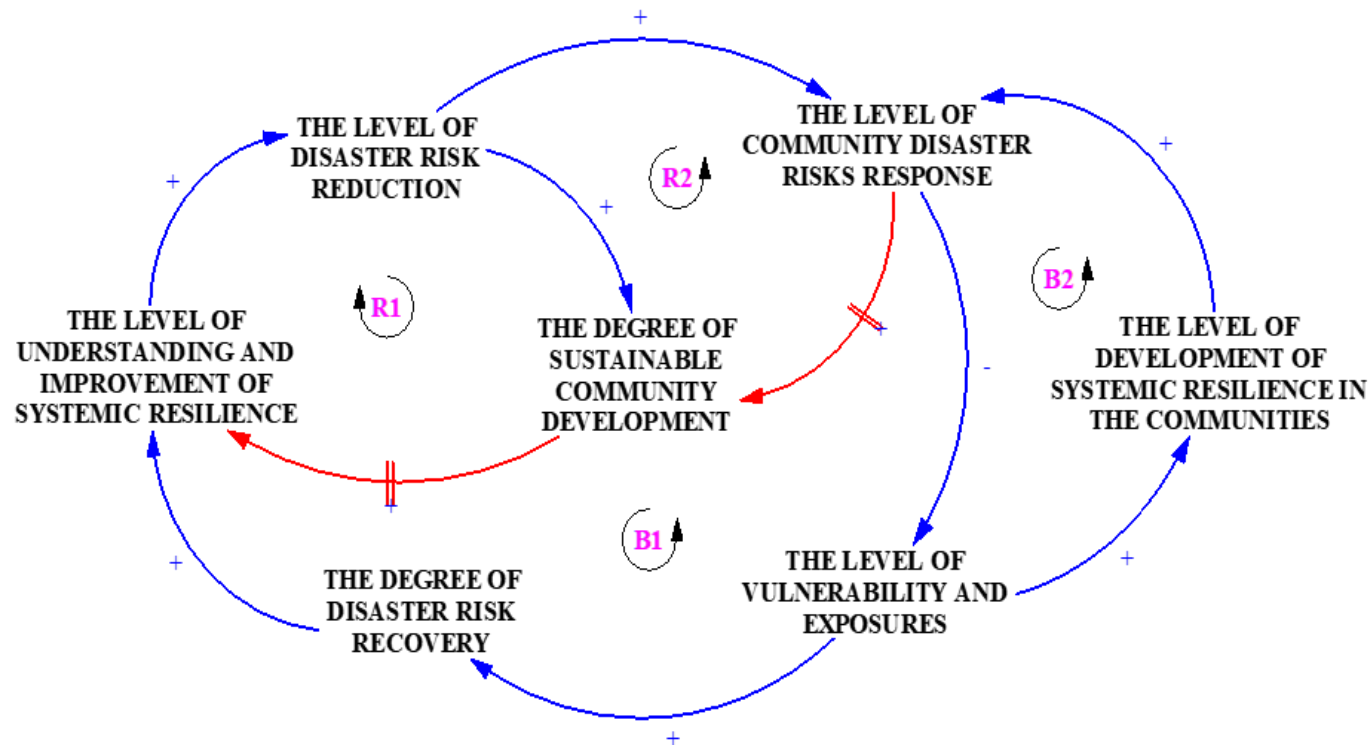


FIGURE 1-A3: Cycle One causal loop diagram.