

The integrated systems approach framework for tackling environmental pollution and climate change mitigation

Quy Van Khuc

VIETKAP

Preprint DOI: <https://osf.io/w9a8b>

July 20, 2022

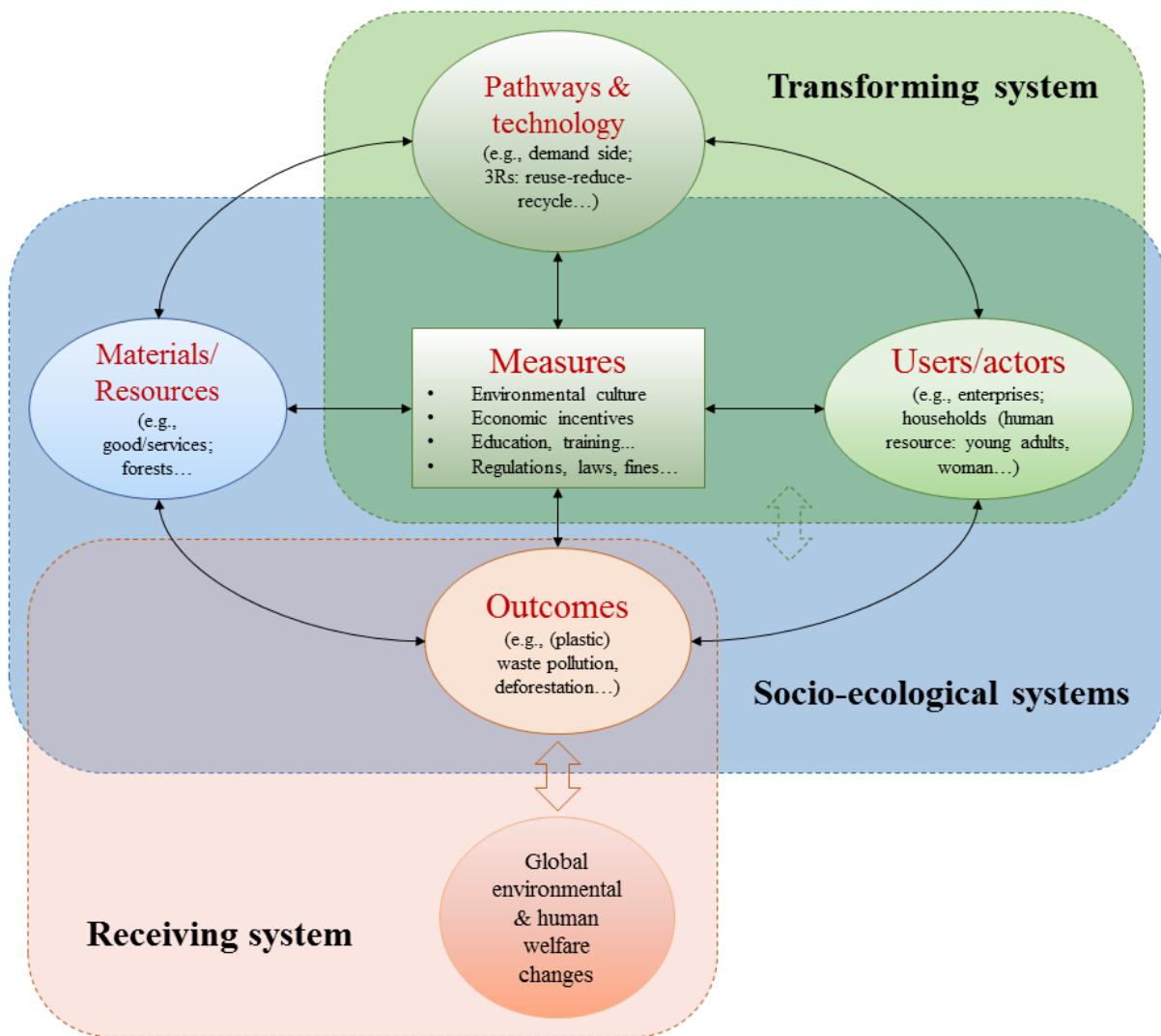


Figure 1. The integrated systems approach framework

References

- [1] McGinnis MD, Ostrom E. Social-ecological system framework: Initial changes and continuing challenges. *Ecol Soc* 2014;19. <https://doi.org/10.5751/ES-06387-190230>.
- [2] Liu J, Dietz T, Carpenter SR, Taylor WW, Alberti M, Deadman P, et al. Coupled human and natural systems: The evolution and applications of an integrated framework. *Ambio* 2021;50:1778–83. <https://doi.org/10.1007/s13280-020-01488-5>.
- [3] Meyfroidt P, Abeygunawardane D, Ramankutty N, Thomson A, Zeleke G. Interactions between land systems and food systems. *Curr Opin Environ Sustain* 2019;38:60–7. <https://doi.org/10.1016/j.cosust.2019.04.010>.
- [4] Vuong Q. The semiconducting principle of monetary and environmental values exchange. *Econ Bus Lett* 2021;10:284–90. <https://doi.org/10.17811/ebi.10.3.2021.284-290>.
- [5] Khuc Q Van. Khucc tower: from cultural values to practical solutions. *Work Pap* 2021.
- [6] Kirchherr J, Reike D, Hekkert M. Conceptualizing the circular economy: An analysis of 114 definitions. *Resour Conserv Recycl* 2017;127:221–32. <https://doi.org/10.1016/j.resconrec.2017.09.005>.
- [7] Vuong QH, Napier NK. Making creativity: the value of multiple filters in the innovation process. *Int J Transitions Innov Syst* 2014;3:294. <https://doi.org/10.1504/ijtis.2014.068306>.
- [8] Lambin EF, Gibbs HK, Heilmayr R, Carlson KM, Fleck LC, Garrett RD, et al. The role of supply-chain initiatives in reducing deforestation. *Nat Clim Chang* 2018;8:109–16. <https://doi.org/10.1038/s41558-017-0061-1>.
- [9] Khuc Q Van. Về khả năng ứng dụng của hệ xử lý thông tin 3D và nguyên lý bán dẫn giá trị trong tìm kiếm giải pháp cho vấn đề ô nhiễm môi trường và biến đổi khí hậu ở Việt Nam. *Tạp Chí Kinh Tế và Dự Báo* 2021;1–5.
- [10] Vuong QH et al. Covid-19 vaccines production and societal immunization under the serendipity-mindsponge-3D knowledge management theory and conceptual framework. *Humanit Soc Sci Commun* 2022;9:1–12. <https://doi.org/10.1057/s41599-022-01034-6>.