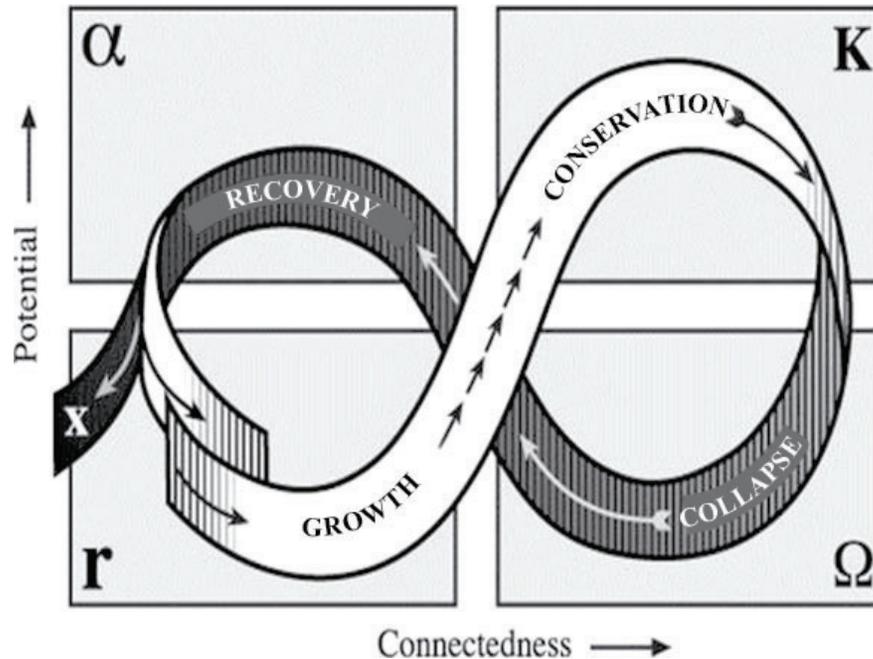


The Adaptive Cycle

Created for the Bristol Bay Native Association Economic Resiliency Webinar Series by Agnew::Beck Consulting, May 2022



- Ω Destructive event
- α Period of innovation and reorganization
- r Period of rapid growth
- K Period of relative stability allowing for the gradual accumulation of wealth and resources

Activity:

Apply the adaptive cycle framework to your community, industry, or local environment. Identify the phases of the adaptive cycle that your system has moved through over time.

1. What key factors drove the system through the cycle?
2. Which factors appear to play the largest role in the status of your system?
3. What types of natural and social capital should be maintained in your system, regardless of changes that might occur, to help with recovery and growth?



Reference List:

Created for the Bristol Bay Native Association Economic Resiliency Webinar Series by Agnew::Beck Consulting, May 2022

Adapt Alaska. Online: <https://adapталaska.org/>

Barbour, Tracy. July 2021. Diverse Approaches to Economic Development: How regional organizations are stimulating growth. Alaska Business Magazine, 37(7). Online: <https://digital.akbizmag.com/issue/july-2021/diverse-approaches-to-economic-development/>

Buzard, R., Maio, C., Overbeck, J, Lujan, E., Flensburg, S., Holen, D., and Dunham, G. Laying the Foundation for Resilient Coastal Communities Case Studies – Port Heiden and Goodnews Bay, Alaska Editor: Paula Dobbyn. Designer: Dawn Montano.

Chapin, F.S., III, G. P. Kofinas and C. Folke. (eds.) 2009. Principles of ecosystem stewardship: Resilience-based natural resource management in a changing world. New York, Springer.

Gunderson, L. and C. S. Holling. (eds.) 2002. Panarchy: Understanding transformations in human and natural systems. Washington, D.C., Island Press.

Hynes, W., Trump, B., Love, P. and Linkov, I., 2020. Bouncing forward: a resilience approach to dealing with COVID-19 and future systemic shocks. Environment Systems and Decisions, 40(2), pp.174-184.

Linkov, I., Eisenberg, D.A., Bates, M.E., Chang, D., Convertino, M., Allen, J.H., Flynn, S.E. and Seager, T.P., 2013. Measurable resilience for actionable policy.

Resilience Alliance. 2010. Assessing resilience in social-ecological systems: Workbook for practitioners. Version 2.0. Online: <http://www.resalliance.org/3871.php>

Tengö, M., Brondizio, E.S., Elmqvist, T., Malmer, P. and Spierenburg, M., 2014. Connecting diverse knowledge systems for enhanced ecosystem governance: the multiple evidence base approach. Ambio, 43(5), pp.579-591.