

Leveraging Systems Thinking to Improve Community Partnerships – Webinar links

To help you start your journey of exploring the world of systems thinking and human centered design, we are sharing a few resources and links below. Please feel free to contact Yassaman for any questions/comments at Yassaman.nouri@gmail.com

Online and in person courses, workshops, coaching and consulting on systems thinking and human centered design:

- **Society for Organizational Learning** (workshops, coaching and consulting): <https://www.solonline.org/services/leadership-workshops/>
- **Waters Foundation** (professional development (PD) opportunities including workshops, learning collaboratives, regional institutes, webinars, searchable data-base of tools and resources, online learning modules and follow-up coaching and consulting: <http://watersfoundation.org/>
- **+Acumen** (online courses): <http://www.plusacumen.org/courses/systems-practice>
- **IDEO U** (online courses): <https://www.ideou.com>
- **Complexity Lab** (books, courses, articles and research): <http://complexitylabs.io/about/>
- **Applied Systems Thinking** (facilitation, education and coaching): <http://www.appliedsystemsthinking.com>
- **Academy of Systems Change**: <http://www.academyforchange.org>
- **MIT System Design and Management Masters**: <https://sdm.mit.edu>
- **The MIT SDM Systems Thinking Webinar Series**: <https://sdm.mit.edu/news-and-events/webinars/>
- **Open Learn**: [Systems Thinking and Practice on-line course](#)
- **Creative Learning Exchange** - Systems Dynamics & Systems Thinking in K-12 Education (curriculum, apps, tools, conferences, products, resources, etc) <http://www.clexchange.org>
- **Coursera** - Systems Thinking in Public Health <https://www.coursera.org/learn/systems-thinking>
- **Canadian Institute for Conflict resolution** - Circle Foundation: <http://www.cicr-icrc.ca/en/courses/introduction-to-conflict-resolution-workshop/64-circlefoundationleveli.html>

Books:

- [Systems Thinking: A Primer](#) by Donella H. Meadows
- [The Fifth Discipline: The Art & Practice of The Learning Organization](#) by Peter M. Senge
- [Modeling the Environment: An Introduction To System Dynamics Modeling Of Environmental Systems](#) by Andrew Ford
- [An Introduction to General Systems Thinking](#) by Gerald M. Weinberg
- [Systems Thinking: Creative Holism for Managers](#) by Michael C. Jackson
- [Re-Creating the Corporation: A Design of Organizations for the 21st Century](#) by Russell L. Ackoff
- [The Systems View of the World: A Holistic Vision for Our Time](#) by Ervin Laszlo
- [Systems Thinking, Second Edition: Managing Chaos and Complexity](#) by Jamshid Gharajedaghi
- [Seeing the Forest for the Trees: A Manager's Guide to Applying Systems Thinking](#) by Dennis Sherwood

- [Business Dynamics: Systems Thinking and Modeling for a Complex World](#) by John D. Sterman
- [Systems Thinking for Curious Managers: With 40 New Management F-Law](#) by Russell L. Ackoff
- [Systems Thinking, Systems Practice: Includes a 30-Year Retrospective](#) by Peter Checkland
- [The Manager's Pocket Guide to Systems Thinking and Learning](#) by Steven G. Haines
- [Tracing Connections: Voices of Systems Thinkers](#) by Tracy Benson
- [Systems Thinking: Coping with 21st Century Problems](#) by John Boardman
- [Systems Thinking for Social Change](#) by David Peter Stroh
- [The Systems Thinking Playbook](#) by Linda Booth Sweeney

Articles, and publications:

- [Systems Thinking What Why Where and How](#) by Michael Goodman
- [The Dawn of System Leadership](#) by Peter Senge
- [The Promise of Systems Thinking for Shifting Fundamental Dynamics](#) by Scott Spann and James Ritchie - Dunham
- [Dancing with Systems](#) by Donella Meadows
- [Acting and Thinking Systematically](#) by Peter Stroh and Kathleen Zurcher
- [Six Steps to Thinking Systemically](#) By Michael Goodman and Richard Karash
- [REAMP An Approach for Resolving Complex, Multi-Stakeholder Problems](#) by R. Scott Spann, Founder, Innate Strategies
- [Using the Archetype Family Tree as a Diagnostic Tool](#) by Michael R. Goodman and Art Kleiner
- [Transforming The Systems Movement](#) by Russell L. Ackoff
- [We Can't Keep Meeting Like This: Developing the Capacity for Cross- Sector Collaboration](#) by Miller Bojer
- [Guidelines for Designing Systemic Interventions](#) by Colleen Lannon
- [Systems Archetypes II: Using Systems Archetypes to Take Effective Action](#) by Daniel Kim
- [Systems Archetypes I: Diagnosing Systemic Issues and Designing Interventions](#) by Daniel Kim
- [Moving From Blame to Accountability](#) by Marilyn Paul
- [In Praise of the Incomplete Leader](#) by Deborah Ancona et al

Other platforms and support organizations:

- [The System Thinker](#) (articles, case studies, how-to guides, pocket guides, videos/webinars, authors, and tools)
- [Santa Fe Institute](#) (research, publication, resources, engagement and events)
- [Booth Sweeney](#) (Education, resources, tools, publications, podcasts, videos, games, etc.)
- [Teaching Systems Thinking in Classrooms](#) - InTeGrate

Frameworks, Tools and Methodologies:

- [Systems Diagrams Tool](#) – Mind Tools
- [NetLogo Tool](#) - (Well suited for modeling complex systems developing over time) – Center for Connected Learning
- [Theory U Framework](#) – Presencing Institute
- [Natural Step Framework](#) – Rural Sustainability

- [The Iceberg Model](#) – Northwest Earth Institute
- [Tools for Supporting Systems Thinking and Change \(Visual and conversational tools\)](#) - Marcie Parkhurst
- [Systems Thinking Tools \(brainstorming tools, dynamic thinking tools, structural tools, and computer based tools\)](#) – Systems Thinker
- [Kumu Data Visualization Platform](#) (For organizing complex information into interactive relationship maps)

Videos:

- Systems Thinking Explanation – Complexity Lab: <https://www.youtube.com/watch?v=AP7hMdnNrH4>
- Systems Thinking in Pictures – Complexity Lab: <http://complexitylabs.io/about/>
- Systems Thinking for a Better World – Peter Senge: <https://www.youtube.com/watch?v=0QtQqZ6Q5-o&t=149s>
- A tail of when systems thinking is not used – Sustainability Illustrated: <https://www.youtube.com/watch?v=17BP9n6g1F0>
- Causes of Systems Behaviour – The Iceberg Analogy: https://www.youtube.com/watch?v=kUaf1w_x6y4

Example stories of solving problems systematically

- Systems Dynamics Case Repository (divided by sector, type of organization and function): <http://cases.systemdynamics.org>
- Sustainable food system example - <https://sustainablefoodlab.org>
- 8 Canadian stories on social innovation (includes the problem and the innovation) – Social Innovation Generation: <http://www.sigeneration.ca/home/resources/profiles/>
- Canadian example of collaboration for transforming education – Hamilton Community Foundation: <http://hamiltoncommunityfoundation.ca/leadership/abacus-advancing-post-secondary-access/>
- Canadian example of community development through systemic subsidized housing projects – Indwell: <http://indwell.ca>

Events and conferences:

- [International Conference of the System Dynamics Society](#) – System Dynamics - Reykjavík
- [Asia-Pacific Region System Dynamics Conference](#) – System Dynamics - Singapore
- [Systems Thinking & Dynamic Modeling Conference](#) – Creative Learning Exchange - Systems Dynamics & Systems Thinking in K-12 Education - Wellesley
- [Conference on Complex Systems](#) – CCS - Cancun
- [Relating Systems Thinking and Design 6](#) - RSD6 Symposium - Oslo
- [Human Science Institute](#) - Salt Lake City
- [Practitioners' gathering of Systemic Designers](#) – UI Lab - Chicago
- [Embracing Complexity in Health](#) – Ashburn
- [5th Business Systems Laboratory International Symposium](#) - Napoli