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Jack Harich
Systems engineer at Thwink.org

Area of research

Analysis and solution of the global sustainability problem, using the powerful *business* tools of process driven problem solving, root cause analysis, and model driven analysis.

Education

BS in Systems Engineering, Georgia Institute of Technology, 1980.

Research Organization

Thwink.org, founder and full-time independent researcher since 2001. The Thwink.org website contains a large body of well-organized articles, glossary, and research results. The staff is Jack Harich plus a few collaborators. Thwink.org engages in applied research oriented toward helping to solve the *complete* sustainability problem, using the most efficient and effective methods available. The strategy is to adapt powerful *business* tools to solve *social* problems.

Peer Reviewed Journal Papers

2010 - [*Change Resistance as the Crux of the Environmental Sustainability Problem*](#), System Dynamics Review, 2010, 26(1): 35-72. (An A journal, 119 Google citations.)

Conference Papers

2019 - [*Process-driven Problem Solving with Root Cause Analysis: Adapting powerful business tools to fit the sustainability problem*](#), Earth System Governance Conference, Oaxaca, Mexico.

2012 - [*Solving the Sustainability Problem with Root Cause Analysis*](#), Ecosystem Services Partnership Conference, Portland, Oregon.

Other Publications

2015 - [*Solving Difficult Large-Scale Social System Problems with Root Cause Analysis*](#), Spanda Journal, 2015, V1,1. (An invited article)

2011 - [*Common Property Rights: A Process Driven Approach to Solving the Complete Sustainability Problem*](#), Lulu Press, 2011, 475 pages. (Book, self-published)

2006 - *Can These Best Practices Make the Club of Rome Effective Once Again?* The [short article](#) in the newsletter links to the [full length article](#) at Thwink.org. Published in *CORin Horizons - The Club of Rome Internal Newsletter*. March 2006 Issue. I was a member of USACOR, the US branch of COR, for a while.