

A Strategic Proposal for the New Society:

Surviving and Flourishing from Chaos

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Current social problems are multiscale-order deficiencies, which cannot be fixed by the traditional hierarchical approach alone, by doing what we do better or more intensely, but rather by changing the way we do. As the experiences in the latest fifty years showed, unpredictable changes can be very disorienting at enterprise level. In a continuously changing operational environment, even if operational parameters cannot be closely pre-defined at system planning and design level, we need to be able to plan and to design self-organizing, self-regulating and self-adapting system quite easily anyway. Attempts to optimize hierarchical systems in the traditional top-down way will be less and less effective, and cannot be done in real time. In fact, current human made application and system can be quite fragile to unexpected perturbation because Statistics by itself can fool you, unfortunately. What Nassim Taleb has identified and calls "antifragility" is that category of things that not only gain from chaos but need it in order to survive and flourish and proposes that systems be built in an antifragility manner. The resilient resists shocks and stays the same; the antifragility gets better and better. To face the problem of social multiscale ontological uncertainty management we need application resilience and antifragility at system level first. No anticipation, no learning and no antifragility. With antifragility system homeostatic operating equilibria can emerge out of a self-organizing landscape of self-structuring attractor points. The present contribution offers an innovative and original solution proposal to the problem of social multiscale ontological uncertainty management. Due to its intrinsic self-scaling properties, this system approach can be applied at any system scale: from single quantum system to full system governance strategic assessment policies and beyond. The reason for this is the postulate that society is an arbitrary complex multiscale system of purposive actors within continuous change.