

EDITORIAL

The most recent operations and management frameworks in innovation have not been complete to explicit required knowledge to manage the cooperation of its networked open innovation value chain in the knowledge economy and open enterprise. Strategic actors from the Virtual Innovation Society network were interviewed to identify critical factors that address this issue.

The methods, techniques, and classical approaches for the identification and characterization of a problem does not seem to neither please, nor fully answer the complex problems of contemporary society in a speedy manner. The complexity of today's problems requires the adoption of innovative tools, problem-centered rather than in effects or preconceived solutions. The human development is an entrepreneurial process by the comprising societies, and should be directed to the human being and its context. This scope emphasizes the notion of process, the complex, the transdisciplinary, as well as the use of strategic action research investigations.

There is a lack of interaction of social, political, and economic variables, involved in the recovery process of a cultural legacy, and its return to the community as a public asset.

The development and the civil enterprises are complex, interdisciplinary public policy issues, which reveal the cooperative and competitive processes, and explain the social mobilization. The mobilization for civil enterprises is a function of the emergency, and of the ability of certain social agents to include the vision of many, to achieve the common goal.

This Special Issue presents of how engineering may apply a design and process view to explicit knowledge to innovation and sharing resolution of a community problem, such as regional planning, public health, water preservation, and sugar cane, using civil enterprises as a mobilization context, considering the social, economic, technological and cultural dimensions.

The papers presented in this issue face some complex network problems: Governance, public actions, and popular validation as cultural integration strategies aimed at local development; Regional planning based on the studies of Ebenezer Howard, Patrick Geddes and Milton Santos; Public management of community enterprises to assist health of a population. In addition shows: A model of social mobilization for the revitalization of civil enterprises of complex social networks to deal with regional planning; An approach to complex problem solving oriented toward the principles of process; Complex networks of knowledge management in a company of research, development and innovation; and finally presents Critical factors to explicit required knowledge to manage the virtual innovation society network.

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