

## **The benefits of cross-fertilization in complex systems studies**

Complex systems cannot be analyzed through a single lens. The diversity of the elements composing ecosystems and their evolution through space and time requires a much broader and more open approach to address transformational changes linking local and regional development to global sustainability. In order to achieve such a result, researchers from the Resilience Alliance compared and combined the Resilience Assessment and the Transition Movement approaches, using cross-fertilization to create synergies in fostering complex system understanding, generate context specific understanding of resilience and address transformations to global sustainability. Their paper, published in *Ecology and Society* (vol. 22, No.1, Art.28), demonstrate the importance of using a theoretical framework covering different aspects of governance of our habitats to reach a sustainable development.

We live through social, ecological, economic, cultural and technological changes that are determining, to a certain point, our beliefs and our values, and transforming our daily life. Possibilities offered by those changes must be understood in a continuous flow of events and expectations, ruptures and challenges, known and unknown. In a certain way, nothing is clearer than the unclear, we never really know how things can unfold or evolve. Sciences and data are nothing if not enlighten by « le juste texte des choses ».

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