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The study of complexity theory necessitates the engagement of many disciplines, and in certain cases, other theories such as chaos theory. Chaos Theory explains the system that is on the verge of entering a disorder status. The chaotic complex system is dynamic and behaves nonlinearly.

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Complexity theory therefore promotes the idea of organisations as complex adaptive systems which need to respond to the external and internal environment by remaining on the edge of chaos whilst at the same time self-organising and continuously re-inventing the organisational. Key Points. Change can't be managed in a complex system

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Chaos and complexity science are part of an emerging new imagery in the scientific and lay cultures, which helps us conceive of the social world as chaosmos—a combination of chaos and cosmos, disorder and order.

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Although chaos theory refers to the existence between seemingly random events, it has been gaining the attention of science, technology and management fields. The shift from traditional procedures to the dynamics of chaos and complexity theory has resulted in a new element of complexity thinking, allowing for a greater capability for analyzing and understanding key business processes.

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