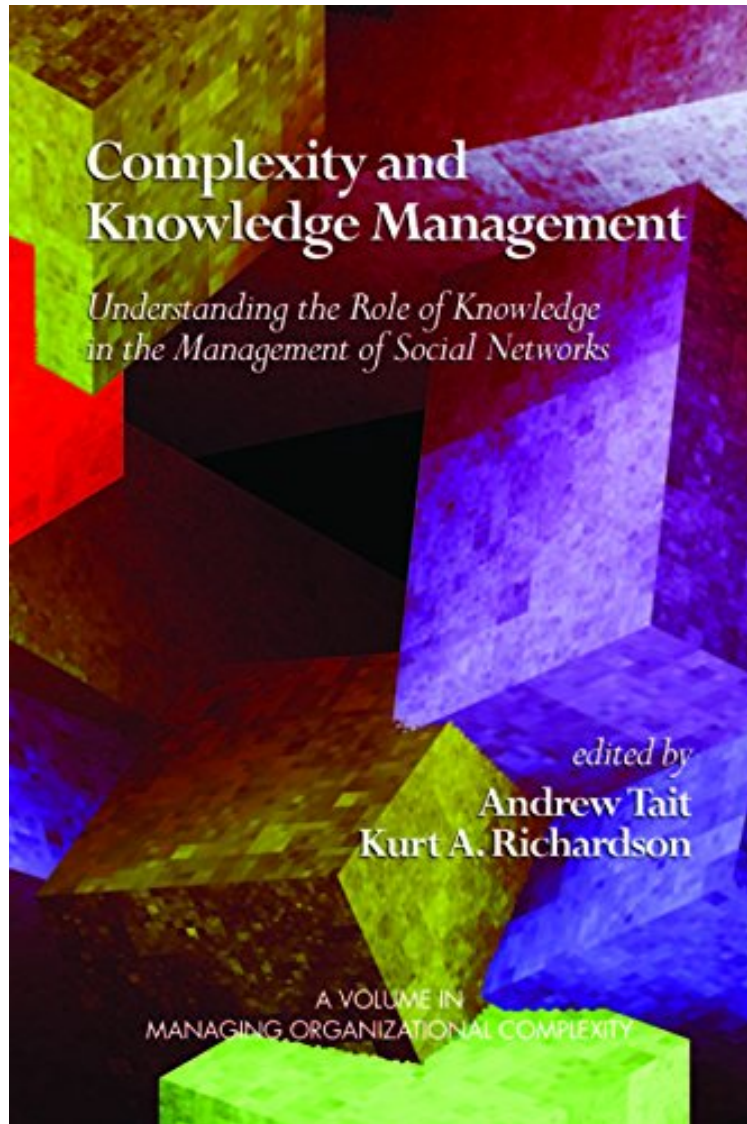


(Read ebook) Complexity and Knowledge Management (ISCE Book Series: Managing the Complex)

Complexity and Knowledge Management (ISCE Book Series: Managing the Complex)

Information Age Publishing
audiobook / *ebooks / Download PDF / ePub / DOC



[Download](#)

[Read Online](#)

#3773976 in eBooks 2010-02-01 2010-02-01 File Name: B01FNA0TAM | File size: 53.Mb

Information Age Publishing : Complexity and Knowledge Management (ISCE Book Series: Managing the Complex) before purchasing it in order to gauge whether or not it would be worth my time, and all praised Complexity and Knowledge Management (ISCE Book Series: Managing the Complex):

0 of 0 people found the following review helpful. Premium BookBy ALOYSIO Bastos V Jr. One of the best titles on Complexity applied to management field. Despite being a compedium of articles, each chapter was very well done and linked among themselves.

It seems as if attempts to use knowledge to understand and manage social networks are everywhere. Millions, if not billions, of dollars are being spent in an attempt to derail terrorist networks, with much of it being invested in making sense of massive data streams. There is growing concern that much of this money is being squandered on approaches that will never deliver on their promises. Our armed forces are being prepared to combat terrorist threats by the introduction of "network centric approaches" and "digital battlefields" – basically attempts to provide warfighters with a complete picture of the battlespace. However, the experience of practitioners suggests that the "data smog" this creates is actually counterproductive. From the arena of politics, the recent invigorating battle between senators Clinton and Obama has thrown the spotlight on the deficiencies in political polling (Economist, 2008b). Changes in the structure of the situation (e.g. high turnouts) have thrown the whole industry into chaos. Complexity is being discounted and the results are stark. The conclusion formed in the media was that the situation was wildly unpredictable (so anyone's to win), and ended up having real consequences for the Democratic challenger in November 2008 (Baldwin, 2008). Turning to business, we find that Societe Generale recently lost \$7.2bn as the result of a single rogue trader making a series of bogus transactions amid turbulent markets in 2007 and 2008. There has been much speculation on what was known, when it was known, and who knew it. In other words, we have speculation that this is an example of the role of knowledge in the mismanagement of social networks – with spectacular effect. At a glance, the problems highlighted above seem positively overwhelming. Where do you start? But start we must. Simple "cause and effect" thinking doesn't seem to be able to cut the mustard. There is broad agreement that even if the Kyoto targets were fully met, on schedule, by 2100 it would only delay the warming of the planet by six years (Parry et al., 1998). We need to utilize knowledge in new ways – or maybe uncover insights from old ways. It is hard to think of something more worthy of attention than the role of knowledge in the management of complex systems. In Volume 4 of the Managing the Complex Series we have brought together seventeen essays from authors around the globe to explore the complex systems view of knowledge and its role in social networks. Contributors explore such topics as: the limitations to our knowledge of complex systems, the transfer of knowledge from local to global levels, collaborative knowledge generation, decision making in complex multi-stakeholder situations, organizational learning and innovation, all through the lens of the emerging field of complexity science. The editors hope that this volume will give theorists further avenues to explore in their attempts to understand knowledge creation, maintenance and distribution, and also provide practitioners with new tools to apply in the complex and messy real world.

About the Author Richardson, Department of Physics, Southampton.