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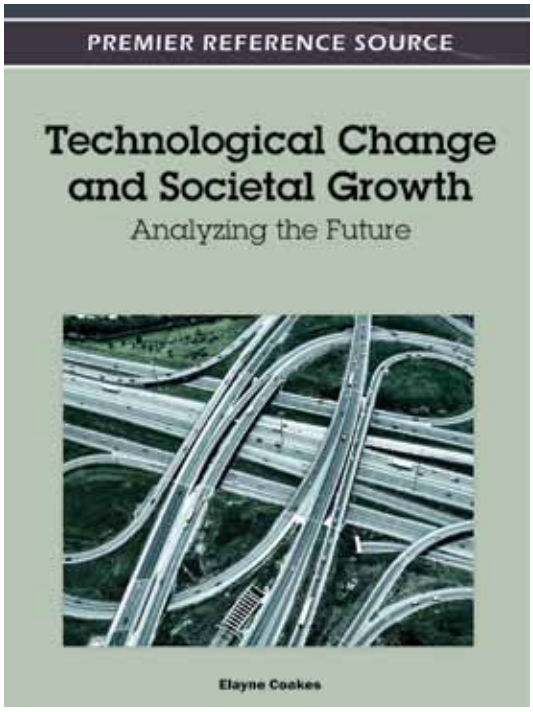
Technological Change and Societal Growth: Analyzing the Future



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Elayne Coakes (University of Westminster, UK)

The principles of sociotechnology derive from 19th century movements towards democracy equality in society. Due to its origins, it has been concerned specifically with the workplace but we now see that the concepts and principles apply much further – or could apply – to the way we design technology for the social environment as a whole. The word sociotechnical is now used by some authors to refer to the interaction between society's complex infrastructures and human behavior.

Technological Change and Societal Growth: Analyzing the Future focuses on new ideas and approaches, including studies of the practical implementation of practitioners, academics, researchers, and students. The aim of the book is to bring together the expertise of people who have worked practically in a changing society across the world for people in the field of organizational development and technology studies including information systems development and implementation.

Topics Covered:

- E-Government and Democracy as Affected by Technological Change
- Empowerment and Team Development
- HRM Issues for Innovation and Knowledge Sharing
- Humanistic Redesign and Technological Politics in Organizations
- Implementation Issues of Change and Technology
- Influence of Human Factors on Operational Efficiency
- Information Systems Development
- Knowledge Management Systems
- Knowledge Sharing
- Learning Organizations

Elayne Coakes is a senior lecturer in business information management. She has a BA (Pub Admin) from Sheffield Polytechnic, a MSc (information systems), and a PhD (information systems) from Brunel University. Her current research relates to knowledge sharing in organizations. She is an internationally acknowledged expert on sociotechnical thinking and knowledge management. She was a visiting professor in Seville University (Spain), under the government grant scheme for distinguished, international scholars, a visiting research fellow in Queens University (Canada), and a keynote speaker at Manchester University (UK) at the Tribute day for Enid Mumford. As the Vice-Chair of the BCS Sociotechnical Special Group she is active in promoting information systems and has edited three books of international contributions in this field. Since then she has co-authored *Beyond Knowledge Management* and the *Encyclopedia of Communities of Practice in Information and Knowledge Management*. Additionally, she has published more than sixty book chapters, peer reviewed journal articles, and conference papers.

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