

spheres of life. However, increased surveillance could lead to a reputation crisis (if a person faces punitive action due to system or human error, or a person falls prey to a personal vendetta) or discriminatory treatment when personal data is categorized as "good" or "bad" based on parameters such as behavior, habits, medical conditions, and so on, possibly resulting in serious implications for one's life when a person tries to use services that could be denied or provided at an inflated rate. Nevertheless, the major challenge for governments is to safeguard individual data as they maintain repositories of sensitive data generated through various sources.

Overall, the book makes for a most compelling and stimulating read, especially as it provides useful references for policy makers, corporations, and individuals. I truly hope people in charge can proactively plan a suitable strategy in line with the "countermeasures" sections of some chapters in this book.

—Sandhya Jane, Hong Kong, China

#### GENERAL TERMS: DESIGN

##### **Assistive Technologies For Persons With Disabilities**

See: 1512-1022 [I.2.9]

#### **K.4.3 Organizational Impacts**

See: 1512-1043 [K.6.5]

##### **Automation**

See: 1512-1043 [K.6.5]

#### **K.4.4 Electronic Commerce**

See: 1512-1025 [I.5.2—Classifier Design And Evaluation]

### **K.6 MANAGEMENT OF COMPUTING AND INFORMATION SYSTEMS**

#### **K.6.1 Project and People Management**

MANNS, MARY LYNN; AND RISING, LINDA 1512-1041

##### **More fearless change: strategies for making your ideas happen.**

Addison-Wesley Professional, Upper Saddle River, NJ, 2015, 336 pp., ISBN 0133966445.

Some things get better with age: wine, cheese, pickles, balsamic vinegar, cast iron pans [1]. Me, and this book. It is a new and improved version of a 2005 classic that should already be on every innovation and change leader's bookshelf [2]. Undoubtedly, this one will be, too.

The book consists of three parts. Part 1 provides an overview of 15 new patterns introduced in this book, and four use cases for them: strategize, share information and seek help, inspire others, and target resistance. A pattern, according to this book, is a concise and tested change leadership strategy.

Target resistance is my favorite use case, and one that fits with my own conception and road map for innovation in organizations [3]. Four patterns are recommended for targeting resistance to change: pick your battles, wake-up call, myth buster, and easier path.

Part 2 features two stories about leading change utilizing the patterns. The first story is about an actual implementation of an enterprise architecture function; the second is about a hypothetical community initiative.

Part 3 describes in detail the 15 new and 48 original patterns. The two collections are combined and presented in alphabetical order. The description of each pattern consists of an opening story, a summary, some context, the problem, forces, the solution, and known uses. Breadcrumbs are left for the evolution of the original patterns.

The book concludes with a list of references and a quick guide to all of the patterns. The authors have clearly and thoughtfully organized these patterns in different ways to make them accessible and usable.

While this book may not help you change the world, it will certainly help you become more fearless—that is, more competent, skillful, and successful in leading change in organizations and communities [4].

—Ernest Hughes, Issaquah, WA

#### REFERENCES

- [1] ROMBAUGH, J. Five things that get better with age. <http://www.optimizationtheory.com/things-that-get-better-with-age/>. Accessed 09/08/2015.
- [2] MANNS, M.; AND RISING, L. *Fearless change*. Addison Wesley, Upper Saddle River, NJ, 2005.
- [3] HUGHES, E. *Big innovation roadmap: big picture and big change*. CreateSpace, Charleston, SC, 2015.
- [4] How To Change The World: The Revolution Will Not Be Organized. <http://howtochangetheworldfilm.com/>. Accessed 09/10/2015.

#### GENERAL TERMS: DESIGN, HUMAN FACTORS, MANAGEMENT

#### **K.6.5 Security and Protection**

See also: 1512-1000 [D.2.1]

LEE, NEWTON

1512-1042

##### **Counterterrorism and cybersecurity: total information awareness (2nd ed.).**

Springer Publishing Company, Incorporated, New York, NY, 2015, 489 pp., ISBN 3319172433.

Bentham's panopticon [1] has often been evoked, in recent times, in relation to findings of government-sponsored mass surveillance initiatives. Large quantities of sensitive documents leaked to the press have shown how progress in computing and networking was applied by intelligence agencies in innovative, focused, and scalable ways, to sustain counterterrorism efforts on a global scale, raising, at the same time, concerns on the privacy implications and on the soundness of the underlying legal frameworks.

The second edition of this book, written by Newton Lee, editor-in-chief of *ACM Computers in Entertainment*, presents a comprehensive account of past and current initiatives in the field of total information awareness, examining history, strategies, and technologies with a thought-provoking approach that will appeal to both technical and nontechnical readers.

The first three parts of the book are used to provide historical perspective ("Counterterrorism History: Then and