# Managing IT Professionals in the Internet Age

## Table of Contents

Preface ........................................................................................................................................................................................................... vi

**Section I: Gender and Work-Life Balance Issues**

**Chapter I**
Managing New Zealand Women in IT ................................................................. 1
   *Keri A. Logan, Massey University, New Zealand*
   *Barbara Crump, Massey University, New Zealand*

**Chapter II**
Gender and the Information Technology Workforce: Issues of Theory and Practice .............................................................................................................. 18
   *Eileen M. Trauth, The Pennsylvania State University, USA*
   *Jeria L. Quesenberry, The Pennsylvania State University, USA*

**Chapter III**
Work-Life Imbalance of IT Workers in the Internet Age ......................... 37
   *Helen Richardson, The Open Polytechnic of New Zealand, New Zealand*
   *Darrell Bennetts, The Open Polytechnic of New Zealand, New Zealand*
Section II: Professional Development of IT Professionals

Chapter IV
Reframing, Retooling, and Reskilling: Coping with Change in the Internet Age ................................................................. 88
Eugene Cash, New Zealand Food Safety Authority, New Zealand
Pak Yoong, Victoria University of Wellington, New Zealand
Sid Huff, Victoria University of Wellington, New Zealand

Chapter V
Staffing Electronic Commerce Projects: Framework for Developing Appropriate Skill Sets .................................................... 103
Fred Niederman, Saint Louis University, USA
Xiaorui Hu, Saint Louis University, USA

Chapter VI
Forming IT Professionals in the Internet Age: A Critical Case Study .......................................................................................... 120
Bernd Carsten Stahl, De Montfort University, UK
Chris Wood, De Montfort University, UK

Chapter VII
Professional Skills Acquisition in the Internet Age: Exploring the Perceptions of Undergraduates and Recent Graduates ............... 140
Ani Patke, Victoria University of Wellington, New Zealand
Tony Hooper, Victoria University of Wellington, New Zealand

Section III: Management of IT Professionals

Chapter VIII
Managing IT Professionals: Human Resource Considerations .......... 159
Jerry Luftman, Stevens Institute of Technology, USA
Rajkumar Kempaiah, Stevens Institute of Technology, USA

Chapter IX
Increasing the Effectiveness of IT Management through Psychological Awareness ........................................................................ 191
Eugene Kaluzniacky, University of Winnepeg, Canada
Chapter X
The Impact of Agile Methods on Managing IT Professionals .......... 233
    Mark Toleman, University of Southern Queensland, Australia
    Fiona Darroch, University of Southern Queensland, Australia
    Mustafa Ally, University of Southern Queensland, Australia

Chapter XI
Cultural Diversity Challenges: Issues for Managing Globally
Distributed Knowledge Workers in Software Development .......... 254
    Haiyan Huang, The Pennsylvania State University, USA
    Eileen M. Trauth, The Pennsylvania State University, USA

Chapter XII
The Journey to New Lands: Utilizing the Global IT Workforce
Through Offshore-Insourcing .......................................................... 277
    Subrata Chakrabarty, Texas A&M University, USA

About the Authors .............................................................................. 319

Index ................................................................................................. 326