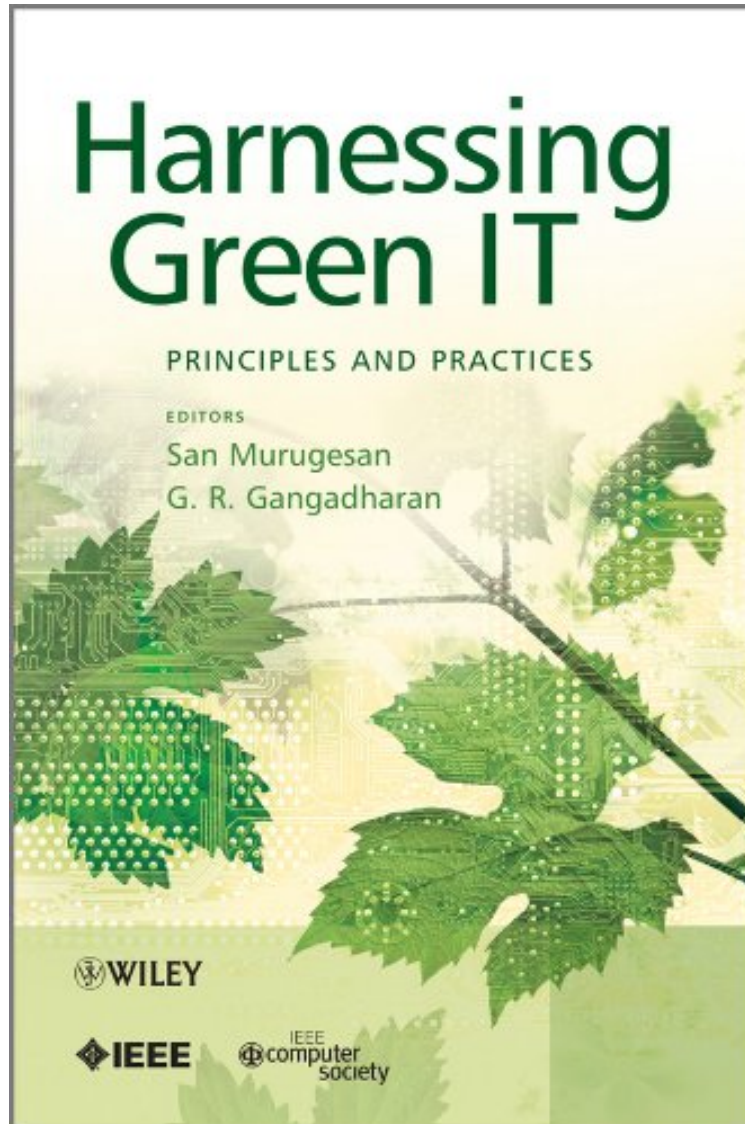


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Harnessing Green IT: Principles and Practices (Wiley - IEEE)

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From Wiley-IEEE Computer Society Pr : Harnessing Green IT: Principles and Practices (Wiley - IEEE) before purchasing it in order to gage whether or not it would be worth my time, and all praised Harnessing Green IT: Principles and Practices (Wiley - IEEE):

Idquo;Ultimately, this is a remarkable book, a practical testimonial, and a comprehensive bibliography rolled into one. It is a single, bright sword cut across the various murky green IT topics. And if my mistakes and lessons learned through the green IT journey are any indication, this book will be used every day by folks interested in greening

IT Professional Magazine, IEEE Computer Society, Director, U.S. National Agricultural Library This book presents a holistic perspective on Green IT by discussing its various facets and showing how to strategically embrace it Harnessing Green IT: Principles and Practices examines various ways of making computing and information systems greener – environmentally sustainable –, as well as several means of using Information Technology (IT) as a tool and an enabler to improve the environmental sustainability. The book focuses on both greening of IT and greening by IT – complimentary approaches to attaining environmental sustainability. In a single volume, it comprehensively covers several key aspects of Green IT – green technologies, design, standards, maturity models, strategies and adoption –, and presents a clear approach to greening IT encompassing green use, green disposal, green design, and green manufacturing. It also illustrates how to strategically apply green IT in practice in several areas. Key Features: Presents a comprehensive coverage of key topics of importance and practical relevance – green technologies, design, standards, maturity models, strategies and adoption Highlights several useful approaches to embracing green IT in several areas Features chapters written by accomplished experts from industry and academia who have first-hand knowledge and expertise in specific areas of green IT Presents a set of review and discussion questions for each chapter that will help the readers to examine and explore the green IT domain further Includes a companion website providing resources for further information and presentation slides This book will be an invaluable resource for IT Professionals, academics, students, researchers, project leaders/managers, IT business executives, CIOs, CTOs and anyone interested in Green IT and harnessing it to enhance our environment.

"This book will be an excellent resource for IT Professionals, academics, students, researchers, project leaders/managers, IT business executives, CIOs, CTOs and anyone interested in Green IT and harnessing it to enhance our environment." (Computer Science of India (CSI) e-newsletter), 1 February 2013 Ultimately, this is a remarkable book, a practical testimonial, and a comprehensive bibliography rolled into one. It is a single, bright sword cut across the various murky green IT topics. And if my mistakes and lessons learned through the green IT journey are any indication, this book will be used every day by folks interested in greening IT. Simon Y. Liu, Ph.D. Ed.D., Editor-in-Chief, IT Professional Magazine, IEEE Computer Society, Director, U.S. National Agricultural Library. Harnessing Green IT showcases a collection of the most topical, innovative, and interesting topics in the green IT field. There have been relatively few practical and useful books on green IT. Harnessing Green IT is a timely publication for those who are interested in learning the principles and practices of green IT and in adopting or deploying green IT. In Lee, Professor in the School of Computer Science, and Editor-in-Chief of the International Journal of E-Business Research (IJEER), Western Illinois University, Macomb, IL, USA Finally, there is a book that gets to the heart of why sustainability is so important to the future of information technology and the planet. Murugesan and Gangadharan, with Harnessing Green IT, have brought forward a work that is grounded both in research and experience that provides a strong foundation for the emerging discipline and managerial practice. Robert R. Harmon, Professor of Marketing Technology Management, Cameron Research Fellow, School of Business, Portland State University, Portland, Oregon There are very few books that can be used by students, researchers, and practitioners, a like. This is a very good example of such a book. The balance of theory and practice is well documented and reported in an easy to comprehend style of writing. A must read! Samee U. Khan, Chair IEEE TCSC Technical Area in Green Computing, Director of the NDSU-CIIT Green Computing and Communications Laboratory, North Dakota State University, USA Recently green computing has attracting increasingly focus from computer scientists and IT professionals. This book summarizes Green IT principles and practices. I would like to congratulate the editors of this volume for putting together such a comprehensive and timely collection. I do believe that this book will provide a tremendous resource to students, researchers and practitioners, and for having a significant impact on this important and growing field -- Green IT. Lizhe Wang, Co-Chair, IEEE TCSC Technical Area in Green Computing, Chinese Academy of Sciences, Beijing, P.R. China Are you Green ready? If yes, the sheer richness of the content and the way the book is organized can ameliorate your Green readiness quotient. If no, this is the book to lay your hands upon. The timing of this book could not have been more perfect. This is the best compendium on Green IT that I have had the privilege of reading in recent times. Worth every penny spent! Praveen B Malla PhD, Author of Corporate Governance: Concept, Evolution and India Story, Senior Researcher and Head - Thought Leadership Publishing, Infosys Limited, India "Harnessing Green IT: Principles and Practices" is a very interesting and useful new book that I would recommend for academics, practitioners and industry members. The book presents an holistic view of Green IT revolving around the associated technical aspects, management and business procedures. Jordi Cucurull Juan, Real-time Systems Laboratory (RTSLab), Linköping University. This new book is an important book in the Green IT area. The most impressive features of this book are the extensive and systematic classifications and summaries on Green IT especially on green computing. This book would be helpful to students, academic researchers, IT professionals, government policy makers to understand the scope, principles, different approaches, metrics, and standards of Green IT. Jinsong Wu, Chair, IEEE Technical Subcommittee on Green Communications and Computing (TSCGCC), IEEE Communications Society, Bell

Laboratories, Shanghai, China; Sustainability is a key growth imperative both for developed world as well those aspiring to achieve that level. The book is replete with ideas for practitioners as well as policy makers. It contains inputs both for strategy and tactical level. I compliment the authors for yeoman service and I am sure that implementation of ideas, concepts, and principles would lead to a better world preserving prosperity for the future generations.

B. Sambamurthy, Director and CEO, Institute for Development and Research in Banking Technology, Hyderabad, India; While much has been achieved in reducing the environmental impact of IT, much remains to be done, and we also need to be aware of the important contribution IT can make to overall environmental efficiency. My experience of running a Green IT course is that we need a source which brings together the achievements and lays out the future challenges, this book does both those things in an accessible form.

Professor Colin Pattinson, Head of School of Computing and Creative Technologies, Leeds Metropolitan University, UK From the Back Cover: "Ultimately, this is a remarkable book, a practical testimonial, and a comprehensive bibliography rolled into one. It is a single, bright sword cut across the various murky green IT topics. And if my mistakes and lessons learned through the green IT journey are any indication, this book will be used every day by folks interested in greening IT."

— Simon Y. Liu, Ph.D. Ed.D., Editor-in-Chief, IT Professional Magazine, IEEE Computer Society, Director, U.S. National Agricultural Library

This book presents a holistic perspective on Green IT by discussing its various facets and showing how to strategically embrace it.

Harnessing Green IT: Principles and Practices examines various ways of making computing and information systems greener — environmentally sustainable —, as well as several means of using Information Technology (IT) as a tool and an enabler to improve the environmental sustainability. The book focuses on both greening of IT and greening by IT — complimentary approaches to attaining environmental sustainability. In a single volume, it comprehensively covers several key aspects of Green IT — green technologies, design, standards, maturity models, strategies and adoption —, and presents a clear approach to greening IT encompassing green use, green disposal, green design, and green manufacturing. It also illustrates how to strategically apply green IT in practice in several areas.

Key Features:

- Presents a comprehensive coverage of key topics of importance and practical relevance — green technologies, design, standards, maturity models, strategies and adoption
- Highlights several useful approaches to embracing green IT in several areas
- Features chapters written by accomplished experts from industry and academia who have first-hand knowledge and expertise in specific areas of green IT
- Presents a set of review and discussion questions for each chapter that will help the readers to examine and explore the green IT domain further
- Includes a companion website providing resources for further information and presentation slides

This book will be an invaluable resource for IT Professionals, academics, students, researchers, project leaders/managers, IT business executives, CIOs, CTOs and anyone interested in Green IT and harnessing it to enhance our environment.