

Stylus

Trade, Academic and Professional Books
Spring 2018

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- Higher Education
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- Tourism
- Veterinary Science/ Medicine



Catalog design by *egads*

Photograph Restoration and Enhancement

Using Adobe Photoshop CC 2017 Version

SECOND EDITION

Vickie Ellen Wolper

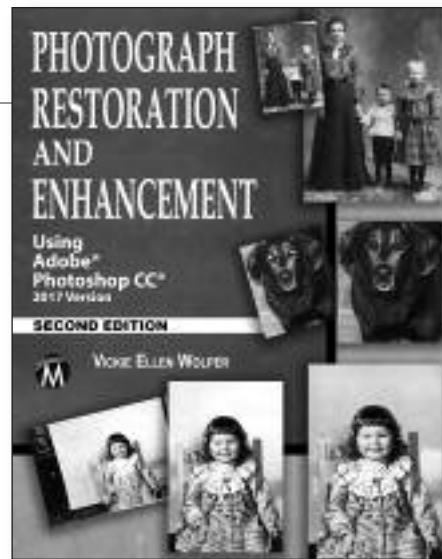
While focusing on Photoshop CC 2017, this book offers users of all versions of Photoshop comprehensive projects that will guide them through the process of creating professional restorations and enhancements. Whether you are new to Photoshop or an experienced user, this book and its companion videos and projects will teach you to repair all types of photograph damage, multiple ways to improve discolored photographs, a variety of ways to digitize photographs too large to scan, create the highest quality images at manageable file sizes, colorize black and white photos, and how to add and remove content from your photographs. This building-block style book is packed with inventive, easy to apply photograph restoration and tonal correction techniques for returning cherished memories back to their original grandeur, and enhancement tips for converting digital and print photographs into treasured favorites.

Key Features:

- Seven demonstration videos on how to perform key restoration and enhancement techniques: Using the Quick Mask mode, the Layer via Copy command, the Polygonal Lasso tool, the Clone and Patch tools, the Liquify filter, plus multiple ways to repair Red-Eye, and how to redo areas of your restoration
- Hands on projects provided with each chapter, specifically tailored to reinforce the tools and techniques introduced in the chapter
- Includes colorizing of black and white photographs
- Packed with Photoshop quick tips for efficiency and accuracy

The Companion Files:

- Photographs to complete all projects covered in the text
- Extra Try It Yourself Projects for each chapter
- Copies of all figures used in the text
- 7 Demonstration videos



Now Available

**350 pp, 7" x 9", four-color throughout
Paperback & CD-ROM, 978 1 68392 150 9,
\$54.95 (\$7)**

E-Book, 978 1 68392 151 6, \$34.95 (\$9)

The Author: Vickie Ellen Wolper has been an art educator for over 30 years and is currently an adjunct instructor in graphic design at Hesser College and Manchester College (New Hampshire).

PHOTOGRAPHY/ PHOTO EDITING SOFTWARE



3D Character Development Workshop

Character Rigging for Animators and 3D Artists

Erik Van Horn

3D Character Development Workshop is designed to fast-track comprehension of the concepts, tools, and methods of character rigging so that you can get past the technical hurdles and on to animating. This comprehensive guide is simple enough for non-technical artists to follow, yet presented in a holistic, comprehensive, best-practices approach so professional and student animators and artists can begin designing and animating their own fully-functioning characters.

Features:

- Uses a holistic, end-to-end process that empowers the reader with an understanding of the entirety of the character development pipeline—from concept to completion
- Includes a fast-tracked learning by example method. Short, iterative lessons create familiarity of best practices through rote exercise
- Contains full color photos and downloadable examples/starter files that allow out-of-sequence or selective learning

The Author: Erik Van Horn is an artist, animator and writer, and Program Director of Game Art at The University of the Arts. He has been Digital Art Director for Magic: The Gathering at Wizards of the Coast (a division of Hasbro), and Senior Training Specialist at Disney Animation Studios. Feature credits include *Chicken Little*, *Meet the Robinsons*, *Bolt*, *Princess and the Frog*, and *Tangled*.

March 2018

400 pp, 7" x 9"

Paperback, 978 1 68392 170 7, \$54.95 (\$7)

E-Book, 978 1 68392 171 4, \$29.95 (\$9)

COMPUTERS/ GAME DEVELOPMENT/ ANIMATION/ ART



Game Development Using Python

James R. Parker

This book will guide you through the basic game development process, covering game development topics including graph-

ics, sound, artificial intelligence, animation, game engines, Web-based games, etc. Real games will be created using Python and Pygame. The companion files will contain example code, games, and color figures.

Features:

- Teaches basic game development using Python, including graphics, sound, artificial intelligence, animation, game engines, Web-based games, and more
- Create a small collection of complete computer games developed throughout the book
- Focuses on creating games with Python and Pygame

The Author: James R. Parker is a professor of Art Digital Media at the University of Calgary. His areas of research include computer games and media art, computer simulation, and educational technology. Dr. Parker is the author of *Python: An Introduction to Programming and Introduction to Game Development* (Mercury Learning).

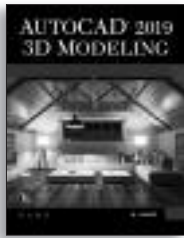
June 2018

400 pp, 7" x 9"

Paper, 978 1 68392 180 6, \$54.95 (\$7)

E-Book, 978 1 68392 181 3, \$29.95 (\$9)

COMPUTERS/ GAME DEVELOPMENT/ PYTHON



AutoCAD 2019 3D Modeling

Munir Hamad

This book provides new and seasoned users with step-by-step procedures on creating and modifying 3D models, working with cameras and lights, assigning materials to objects, rendering, and printing. Unlike many AutoCAD competitors, it uses both metric and imperial units to illustrate the myriad tools for this popular application. Use the companion CD to set up drawing exercises and projects and see all of the book's figures including color. *AutoCAD 2019 3D Modeling* includes 50 "mini-workshops," that complete small projects from concept through actual plotting. Solving all of the workshops will simulate the creation of full projects (architectural and mechanical) from beginning to end, without overlooking any of the basic commands and functions in AutoCAD 2019.

Features:

- Provides new and seasoned users with step-by-step procedures on creating and modifying 3D models in both metric and imperial units
- CD can be used to set up in-text drawing exercises and projects and to see the book's figures in color

The Author: Munir Hamad is an Autodesk Approved Instructor and certified AutoDesk AutoCAD Master who has authored several AutoCAD titles and taught various levels of AutoCAD training.

May 2018

400 pp, 7" x 9"

Paper, 978 1 68392 178 3, \$49.95 (S7)

Ebook, 978 1 68392 179 0, \$29.95 (S9)

COMPUTERS/ COMPUTER DRAFTING



AutoCAD 2019 Beginning and Intermediate

Munir Hamad

This book is the most comprehensive book you will find on AutoCAD 2019 – 2D Drafting. Covering all of the 2D concepts, it uses both metric and imperial units to illustrate the myriad drawing and editing tools for this popular application. Use the companion disc to set up drawing exercises and projects and see all of the book's figures in color. *AutoCAD 2019 Beginning and Intermediate* includes over 100 exercises or "mini-workshops," that complete small projects from concept through actual plotting. Solving all of the workshops will simulate the creation of three projects (architectural and mechanical) from beginning to end, without overlooking any of the basic commands and functions in AutoCAD 2019.

Features:

- Covers only the basics and uses both metric and imperial units to illustrate the myriad tools for this popular application
- CD-Rom can be used to set up in-text drawing exercises and projects and to see the book's figures in color
- Helps you to prepare for the AutoCAD Certified Professional exam

The Author: Munir Hamad is an Autodesk Approved Instructor and certified AutoDesk AutoCAD Master who has authored several AutoCAD titles and taught various levels of AutoCAD training.

May 2018

800 pp, 7" x 9"

Paper, 978 1 68392 176 9, \$59.95 (S7)

Ebook, 978 1 68392 177 6, \$34.95 (S9)

COMPUTERS/ COMPUTER DRAFTING



Revit 2019 Architecture

Munir Hamad

Covering all of the major techniques, this book uses both metric and imperial units to illustrate the myriad drawing and editing tools for this popular application. Use the companion files to set up drawing exercises and projects and to see all of the book's figures. *Revit 2019 Architecture* includes over 50 "mini-workshops" that complete small projects from concept through actual plotting. Solving all of these workshops will help the reader to master Revit Architecture from beginning to end, without overlooking any of the basic commands and functions.

Features:

- Uses both metric and imperial units to illustrate the myriad drawing and editing tools of this popular application
- Includes over 50 "mini-workshops" and hundreds of figures that complete small projects
- Helps you to prepare for the Revit Architecture Certified Professional exam
- Exercises and projects included for use as a textbook

The Author: Munir Hamad is an Autodesk Approved Instructor and certified AutoDesk AutoCAD Master who has authored several AutoCAD titles and taught various levels of AutoCAD training.

June 2018

550 pp, 7" x 9"

Paper, 978 1 68392 174 5, \$59.95 (\$7)

Ebook, 978 1 68392 175 2, \$29.95 (\$9)

COMPUTERS/ COMPUTER DRAFTING/ ARCHITECTURE

NOW AVAILABLE

Revit 2018 Architecture

Munir Hamad

548 pp, 7" x 9"

Paperback & CD-ROM, 978 1 68392 148 6, \$51.95 (\$7)

E-Book, 978 1 68392 149 3, \$29.95 (\$9)



Software Quality Assurance

R. Chopra

Software compiles, executes and runs, but often fails or gives inaccurate results, because it is not tested thoroughly prior to its release.

This overview of software testing and quality assurance covers software quality, quality assurance methods and software quality standards in addition to basic software engineering topics. Key concepts, case studies, and numerous techniques are covered to ensure your software is reliable and secure. Using a "self-teaching" format, the book covers important topics such as black, white, and gray box testing, video game testing, test management, automation, levels of testing, and quality assurance standards and procedures. Includes end of chapter multiple-choice questions/answers to increase mastering of the topics.

Features:

- Includes case studies, case tools, and software lab experiments
- Covers important topics such as black, white, and gray box testing, test management, automation, levels of testing, and quality assurance standards and procedures
- Covers video game testing

The Author: R. Chopra (PhD) is an assistant professor of computer science and engineering and has written several texts and journal articles.

January 2018

450 pp, 7" x 9"

Paperback, 978 1 68392 168 4, \$49.95 (\$7)

E-Book, 978 1 68392 169 1, \$24.95 (\$9)

COMPUTERS/ PROGRAMMING/ QUALITY ASSURANCE



Software Testing

Principles and Practices

R. Chopra

This overview of software testing provides key concepts, case studies, and numerous techniques to ensure software is reliable and secure. Using a self-teaching format, the book covers important topics such as black, white, and gray box testing, video game testing, test point analysis, automation, and levels of testing. Includes end-of-chapter multiple-choice questions / answers to increase mastering of the topics.

Features:

- Includes case studies, case tools, and software lab experiments
- Covers important topics such as black, white, and gray box testing, test management, automation, levels of testing,
- Covers video game testing
- Self-teaching method includes numerous exercises, projects, and case studies

The Author: R. Chopra (PhD) is an assistant professor of computer science and engineering and has written several texts and journal articles.

500 pp, 7" x 9"

Paperback, Jan 2018, 978 1 68392 166 0, \$54.95 (S7)

E-Book, Jan 2018, 978 1 68392 167 7, \$29.95 (S9)

COMPUTERS/ PROGRAMMING/ QUALITY ASSURANCE



Heat Transfer Modelling Using COMSOL

Slab to Radial Fin

Layla Mayboudi

This book is intended for individuals who are interested in modelling heat transfer problems both in academic and non-academic settings. The main focus is on the COMSOL Multiphysics Heat Transfer module; however, the fundamentals may be applied to other commercial packages such as MATLAB, ANSYS, and Abaqus™. The content can be utilized in variety of disciplines including aerospace engineering, biomedical engineering, chemical engineering, civil engineering, electrical engineering, and mechanical engineering to name a few. The book takes a step-by-step approach, and helps navigate through fundamental concepts and questions related to set up and analysis of a heat transfer problem using COMSOL Heat Transfer Module.

Features:

- Includes MATLAB projects at the end of each chapter. These projects allow the reader to implement conceptual material by building practical applications that will be used in the industry.
- Includes relevant mathematical models throughout the text that have been derived in a way that describes the problem without requiring deep mathematical knowledge
- Includes examples that can be completed with the core COMSOL® Multiphysics module, not requiring the optional Heat Transfer Module or specialized geometry importer modules.

The Author: Layla Mayboudi is a thermofluid specialist from Kingston, Canada. Her specialties include thermal management, flow optimization, multiphysics simulation (FEM, CFD), acoustics (tests and analysis), process improvements (lean six sigma), and mechanical test management (RQM).

April 2018

200 pp, 7" x 9"

Hardback, 978 1 68392 172 1, \$54.95 (S7)

E-Book, 978 1 68392 173 8, \$29.95 (S9)

ENGINEERING/ COMSOL/ THERMODYNAMICS

HIGHER EDUCATION

Creating Engaging Discussions

Strategies for “Avoiding Crickets” in Any Size Classroom and Online

Edited by Jennifer H. Herman and Linda Nilson

Foreword by Stephen D. Brookfield

If you have ever been apprehensive about initiating classroom discussion, fearing silences, the domination of a couple of speakers, superficial contributions, or off-topic remarks, this book provides strategies for creating a positive learning experience.

Jennifer H. Herman and Linda B. Nilson demonstrate how to create the conditions to facilitate deep and meaningful learning as well as to assess the effectiveness of discussions. They identify, analyze, and solve common problems in both classroom and online discussions and in both small and large classes. They take a direct, practice-oriented approach that, in acknowledging common challenges, provides principles, guidance on design, examples of activities and techniques, and eight detailed case studies.

April 2018

208 pp, 6" x 9"

Cloth, 978 1 62036 559 5

\$95.00 (S5)

Library Ebook, 978 1 62036 561 8

\$95.00 (10)

Paper, 978 1 62036 560 1

\$27.50 (S5)

Ebook, 978 1 62036 562 5

\$21.99 (S9)



Herman: Simmons College

Linda Nilson: UCLA

Creating Wicked Students

Designing Courses for a Complex World

Paul Hanstedt

There's a lot of talk in education these days about “wicked problems”—problems that defy traditional expectations or knowledge, problems that evolve over time: Zika, ISIS, political discourse in the era of social media. To prepare students for such wicked problems, they need to have wicked competencies, the ability to respond easily and on the fly to complex challenges.

This is a course design book centered on the idea that the goal in the college classroom—in *all* classrooms, all the time—is to develop students who are not just loaded with content, but capable of using that content in thoughtful, deliberate ways to make the world a better place. Achieving this goal requires a top-to-bottom reconsideration of courses, including student learning goals, text selection and course structure, day-to-day pedagogies, and assignment and project design. This book takes readers through each step of the process, providing multiple examples at each stage, while always encouraging instructors to consider concepts and exercises in light of their own courses and students.

May 2018

200 pp, 5 5/6" x 9", 15 figures, 1 table

Cloth, 978 1 62036 696 7

\$95.00 (S5)

Library Ebook, 978 1 62036 698 1

\$95.00 (10)

Paper, 978 1 62036 697 4

\$24.95 (S5)

Ebook, 978 1 62036 699 8

\$19.99 (S9)



Hanstedt: Roanoke College

Designing a Motivational Syllabus

Creating a Learning Path for Student Engagement

Christine Harrington and Melissa Thomas

A thoughtfully constructed syllabus can be transformative for your students' learning, communicating the path they can take to succeed. This book demonstrates how, rather than being a mundane document to convey policies, you can construct your syllabus to be a motivating resource for your students that conveys a clear sense of your course's learning goals, how they can achieve them, and makes evident your teaching philosophy and why you have adopted the teaching strategies you will use, such as discussion or group activities.

June 2018

The Excellent Teacher Series

200 pp, 6" x 9"

Cloth, 978 1 62036 624 0

\$95.00 (S5)

Lib E-Book, 978 1 62036 626 4

\$95.00 (10)

Paper, 978 1 62036 625 7

\$24.95 (S5)

E-Book, 978 1 62036 627 1

\$19.99 (S9)



The Elective Carnegie Community Engagement Classification

Constructing a Successful Application for First-Time and Re-Classification Applicants

Edited by John Saltmarsh and Mathew B. Johnson

The Carnegie Engagement Classification is designed to be a form of evidence-based documentation that a campus meets the criteria to be recognized as a community engaged institution. Editors John Saltmarsh and Mathew B. Johnson use their extensive experience working with the Carnegie Engagement Classification to offer a collection of resources for institutions that are interested in making a first-time or reclassification application for this recognition. Contributors offer insight on approaches to collecting the materials needed for an application and strategies for creating a complete and successful application. Chapters include detailed descriptions of what happened on campuses that succeeded in their application attempts and even reflection from a campus that failed on their first application. Readers can make use of worksheets at the end of each chapter to organize their own classification efforts.

March 2018
180 pp, 6" x 9"
Cloth, 978 1 945459 13 9
\$95.00 (\$5)
Lib E-Book, 978 1 945459 15 3
\$95.00 (10)

Paper, 978 1 945459 14 6
\$39.95 (\$5)
E-Book, 978 1 945459 16 0
\$31.99 (\$9)



Saltmarsh: University of Massachusetts, Boston
Johnson: Brown University

Envisioning Public Scholarship for Our Time

Models for Higher Education Researchers

Edited by Adrianna Kezar, Yianna Drivalas and Joseph A. Kitchen
Foreword by Lorelle Espinosa

This book proposes a new paradigm of public scholarship for our time, one that shifts from the notion of the public intellectual to the model of the engaged scholar.

The editors' premise is that the work of public scholarship should be driven by a commitment to supporting a diverse democracy and promoting equity and social justice. The contributors to this volume present models that eschew the top-down framing of policy to advocate for practice that drives bottom-up change by arming the widest range of stakeholders — especially members of marginalized communities — with relevant research.

They demonstrate how public scholarship in higher education can increase its impact on practice and policy and compellingly argue that public scholarship should be recognized as normative practice for all

scholars and indeed integrated into the curriculum of graduate courses.

The chapters describe multiple types of public scholarship and different strategies that move beyond informing policymakers, faculty, and administrators to engage publics such as students and parents, media, the general public, and particularly groups that may have had little or no access to our research. Examples include partnering with a community agency to design a research project and disseminate results; writing for practitioner or policy venues and magazines, outside the traditional academic journals; serving on boards for national groups that impact decisions related to your area of research; and the use of social media.

Whether scholar, director of graduate education, or graduate student of higher education, this book opens up a new vision of how research can inform practice that promotes the public good.

June 2018
256 pp, 6" x 9"
Cloth, 978 1 62036 775 9
\$95.00 (\$5)
Library Ebook, 978 1 62036 777 3
\$95.00 (10)
Paper, 978 1 62036 776 6
\$32.50 (\$5)
Ebook, 978 1 62036 778 0
\$25.99 (\$9)



Kezar: University of Southern California
Drivalas:
Kitchen:

Evaluating Equity and Widening Participation in Higher Education

Edited by Penny Jane Burke, Annette Hayton and Jacqueline Stevenson

Evaluation is a contested field that poses ongoing challenges for equity and widening participation in higher education. The increasing demand, national and global, for “evidence of impact” tends to frame expectations and approaches to evaluation. This book examines evaluation frameworks, to consider what counts as “evidence,” and how demands for it can conceal the competing values at play. The contributors draw on research projects and perspectives to illuminate how evaluation practices and processes can place equity and social justice in higher education at its heart.

June 2018

210 pp, 6 1/8" x 9 1/5"

Paper, 978 1 85856 858 4

\$41.95 (S5)



A Good Job

Campus Employment as a High-Impact Practice

George S. McClellan, Kristina L. Creager and Marianna Savoca

Foreword by George D. Kuh

For many students, working while in college is a defining characteristic of the undergraduate experience. However, student workers often view campus employment as a money-making opportunity rather than a chance for personal development. Likewise, institutions often neglect to consider campus jobs as a means to education and student engagement. It is the distinction between work for remuneration and work for personal development which shapes much of the discussion of student employment throughout this book. It makes the case for campus employment as a high-impact practice in higher education and provides models for institutional efforts to implement new student employment strategies.

March 2018

272 pp, 6" x 9"

Cloth, 978 1 62036 471 0

\$95.00 (S5)

Lib E-Book, 978 1 62036 473 4

\$95.00 (10)

Paper, 978 1 62036 472 7

\$35.00 (S5)

E-Book, 978 1 62036 474 1

\$27.99 (S9)



McClellan: University of Mississippi

Savoca: Stony Brook University

Higher Education Institutions in a Global Warming World

The Transition of Higher Education Institutions to a Low Carbon Economy

Edited by Ulisses M. Azeiteiro, Walter Leal Filho and Joao Paulo Davim

The transition of higher education institutions towards a low carbon economy is aligned with the Paris Agreement and with Sustainable Development Goal 13: Take urgent action to combat climate change and its impacts. It is also consistent with the European Commission's climate strategies and targets and with the aims of the European Climate Change Program.

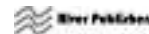
January 2018

River Publishers Series in Management Sciences and Engineering

150 pp, 6 1/8" x 9 1/5"

Cloth, 978 87 93609 20 4

\$90.00 (S6)



A Leader's Guide to Competency-Based Education

From Inception to Implementation

Deborah J. Bushway, Laurie Dodge and Charla S. Long

As interest in competency-based education (CBE) continues to grow by leaps and bounds, the need for a practical resource to guide development of high-quality CBE programs led the authors to write this book. Until now, there has been no how-to manual that captures in one place a big picture view of CBE along with the down-to-earth means for building a CBE program.

A variety of pressures are driving the growth in CBE, including the need for alternatives to the current model of higher education (with its dismal completion rates); the potential to better manage the iron triangle of costs, access, and quality; the need for graduates to be better prepared for the workforce; and the demands of adult learners for programs with the flexible time and personalized learning that CBE offers. Designed to help institutional leaders become more competent in designing, building, and scaling high-quality competency-based education (CBE) programs, this book provides context, guidelines, and process.

June 2018

144 pp, 6" x 9", 8 figures, 19 tables

Cloth, Jun 2018, 978 1 62036 592 2 \$95.00 (\$5)

Library Ebook, 978 1 62036 594 6 \$95.00 (10)

Paper, 978 1 62036 593 9

\$29.95 (\$5)

Ebook, 978 1 62036 595 3

\$23.99 (\$9)



Bushway: Capella University

Dodge: Brandman University

Learning Across Cultures

Locally and Globally

THIRD EDITION

Edited by Barbara Kappler Mikk and Inge Ellen Steglitz

Co-published with NAFSA.

This is a comprehensive guide to integrating intercultural learning into the fabric of twenty-first century higher education. This updated NAFSA classic departs from earlier editions by synthesizing two decades of societal, theoretical, and technological developments. It combines established and emerging voices from education, history, anthropology, and communication to provide a holistic perspective on learning across cultures.

Topics include student identity in the age of globalization, social psychology and neuroscience in intercultural contexts, intercultural curricula design, pedagogy, and facilitation, reflection tools and practices and approaches to meaningful assessment

Now Available

242 pp, 6" x 9", figures

Paper, 978 1 942719 14 4

\$32.50 (\$5)



Mikk: University of Minnesota

Steglitz: Michigan State University

Living-Learning Communities that Work

A Research-Based Model for Design, Delivery, and Assessment

Karen Kurotsuchi Inkelas, Jody Jessup-Anger, Mimi Benjamin and Matt Wawrzynski

Foreword by Jillian Kinzie

Afterword by Jon Dooley and Peter Felten

In 2007, the American Association of Colleges and Universities named learning communities a high-impact practice because of the potential of these communities to provide coherence to and ultimately improve undergraduate education. Institutional leaders have demonstrated a commitment to providing LLCs, but they currently do so primarily with anecdotal information to guide their work. As a result, there is substantial variation in organizational structure, collaboration, academic and social environments, programmatic integration, student outcomes, and overall quality related to LLC participation.

This book thoughtfully combines research and field-tested practice to document the essential components for best practices in living learning communities and presents them as a clear blueprint –the LLC best practices model – for LLC design. Practitioners, researchers, and institutional leaders can use the book as a guide to more effectively allocate resources to create and sustain LLCs and to realize the potential of these communities to improve undergraduate education.

June 2018

200 pp, 6" x 9", 16 figures, 4 tables

Cloth, 978 1 62036 600 4

\$95.00 (\$5)

Library Ebook, 978 1 62036 602 8

\$95.00 (10)

Paper, 978 1 62036 601 1

\$35.00 (S5)

Ebook, 978 1 62036 603 5

\$27.99 (S9)

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Inkelas: University of Virginia
Jessup-Anger: Marquette University
Benjamin: Indiana University of Pennsylvania
Wawrzynski: Michigan State University

Place-Based Community Engagement in Higher Education

A Strategy to Transform Universities and Communities

Erica K. Yamamura and Kent Koth
Foreword by Geoffrey Canada

While an increasing number of universities have or are committed to engaging their campuses in their surrounding communities, many recognize they lack the strategic focus and resources to maximize and sustain their impact on those communities. Place-based community engagement provides a powerful way to creatively connect campus and community to foster positive social transformation.

In developing community engagement strategies, most universities and community organizations face significant challenges in deciding who to partner with and why. Frequently this leads universities and community organizations to say “yes” to too many opportunities which significantly limit their ability to pursue long-term impact. Focusing on an established geographic area

can make it much easier to decide where to deploy resources and which partnerships to prioritize and thus increase their ability to form strong and sustainable partnerships that are of greater value to all stakeholders.

June 2018

160 pp, 6" x 9"

Cloth, 978 1 62036 676 9

\$95.00 (S5)

Library Ebook, 978 1 62036 678 3

\$95.00 (10)

Paper, 978 1 62036 677 6

\$35.00 (S5)

Ebook, 978 1 62036 679 0

\$27.99 (S9)

Stylus

Yamamura: Seattle University
Koth: Seattle University

Trans* Policies and Experience in Housing and Residence Life

Edited by Jason C. Garvey, Stephanie H. Chang, Z Nicolazzo and Rex Jackson

Foreword by Kathleen G. Kerr

What are the institutional politics associated with fostering trans* inclusive policies? When formalizing a policy, what unanticipated challenges may emerge? How are students, particularly trans* students, influenced by the implementation of gender-inclusive housing practices and policies? Also, what are campus administrators and practitioners learning from their involvement with the development of trans* work on campus?

Housing and Residence Life (HRL) plays an important role in the safety, well-being, and sense of belonging for college students,

but gender-inclusive policies and practices in HRL are largely under-explored in student affairs and higher education publications. Administrators, educators, and student affairs staff will find this book useful at any stage in the process of creating gender-inclusive housing policies on their campuses.

March 2018

An ACPA Co-Publication

264 pp, 6" x 9"

Cloth, 978 1 62036 767 4

\$95.00 (S5)

Library Ebook, 978 1 62036 769 8

\$95.00 (10)

Paper, 978 1 62036 768 1

\$35.00 (S5)

Ebook, 978 1 62036 770 4

\$27.99 (S9)

Stylus

Garvey: University of Vermont
Chang: University of Maryland
Nicolazzo: Northern Illinois University, DeKalb
Jackson: Southern Illinois University Edwardsville

(continued overleaf)

Transformative Civic Engagement Through Community Organizing

Maria Avila

Foreword by Scott J. Peters

Afterword by Michael Gecan

Maria Avila presents a personal account of how, from her experience as a teenager working in a factory in Ciudad Juarez, she got involved in community organizing and how she has since applied its distinctive practices to civic engagement in higher education.

This book is a narrative of her personal and professional journey and of how she has gone about co-creating spaces where democracy can be enacted and individual, institutional, and community transformation can occur. In inviting us to experience the process of organizing, and in keeping with its values and spirit, she includes the voices of the participants in the initiatives in which she collaborated – stakeholders ranging from community partners to faculty, students, and administrators in higher education.

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**Avila: California State University,
Dominguez Hills**

Using Focus Groups to Listen, Learn, and Lead in Higher Education

**Mona J. E. Danner, J. Worth Pickering
and Tisha M. Paredes**

This is an easy-to-use 6-step guide to help leaders in higher education listen to and learn from their stakeholders in order to enhance decision making. The big questions facing institutions today, especially those surrounding access, affordability, and accountability, require more than dashboards. Metrics and quantitative data alone do not offer lasting solutions and improvements. Using qualitative methods to listen to the voices of those involved, especially students and staff, is critical. Focus groups constitute the most appropriate, rigorous, and relevant qualitative research tool for this purpose, and one that is cost-effective and builds community when conducted using the ODU Method described in this book.

It is a single, comprehensive, and practical resource that describes why, when, and how to use focus groups. The authors provide detailed guidance for using focus groups, from developing the research questions with stakeholders, through training and recruiting moderators, and identifying and recruiting participants, to the logistics of conducting focus groups, and ultimately analyzing data and developing final reports.

June 2018

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**Danner: Old Dominion University
Pickering: Old Dominion University
Paredes: Old Dominion University**

Black Graduate Careers and Educational Journeys

Untold Stories

Amanda Arbouin

Ten British graduates of African Caribbean heritage review their education, compulsory and post-compulsory, and their careers. They relate how they navigated the obstructions and micro-aggressions encountered while they pursued academic qualifications and discuss their choices of employment and the obstacles they must tackle in their careers. This is a key text for education studies, social studies and teacher training courses.

April 2018

146 pp, 6 1/8" x 9 1/5"

Paper, 978 1 85856 853 9

\$36.95 (S5)



Inside the Ivory Tower

Women of Colour Surviving and Thriving in British Academia

Edited by Deborah Gabriel and Shirley Anne Tate

These narratives by women of color in British academia reveal a space dominated by whiteness and patriarchy, in which they must develop strategies for survival and success despite their day-to-day experiences within faculties and departments that are shaped by race and gender. Presented as a collection of autoethnographies, the book touches on common themes such as invisibility, hypervisibility, exclusion and belonging, highlighting intersectional experiences.

February 2018

168 pp, 6 1/8" x 9 1/5"

Paper, 978 1 85856 848 5

\$36.95 (\$5)

**Mandarin Chinese Teacher Education**

Issues and Solutions

Edited by Katharine Carruthers, Fotini Diamantidaki and Lin Pan

Mandarin Chinese is the most widely spoken language in the world, and in a rapidly globalizing environment, speaking it is an increasingly important skill for young people. This edited collection brings together researchers, teachers involved in action research and student-teachers, in an effort to address the current lack of literature specifically aimed at supporting Chinese language teachers. It features practical ideas for teachers of Chinese to implement in their

own classrooms; evaluation of differing strategies and approaches unique to teaching Chinese and examples of using action research to help teachers reflect on their own practice while informing practice across the discipline.

April 2018

200 pp, 6 1/8" x 9 1/5"

Paper, 978 1 78277 223 1

\$36.95 (\$5)

**Research Methods for Successful PhD**

Dinesh Kumar

A PhD is the start of a research career, and these students are the backbone of universities and research institutions. It is the opportunity for youthful energy and creativity to make a global impact and train future researchers to make a difference. However, the candidature can also be a period of confusion and regret due to lack of structure and understanding.

This book is written to help PhD students and other young researchers navigate through this phase to give them a direction and purpose. It is a candid conversation developed from the experience of supervising 30 research students and publishing 400 papers over 20 years. The book recognizes that every student is different and has unique circumstances. It teases out the fundamental questions that we forget to ask, the method of relating to the supervisor, discusses methods to improve communication skills and explains how to get the work published.

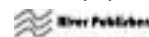
January 2018

River Publishers Series in Innovation and Change in Education - Cross-cultural Perspective

160 pp, 6 1/8" x 9 1/5"

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**The Principal**

Power and Professionalism in FE

Edited by Maire Daley, Kevin Orr and Joel Petrie

This collection examines how power is exercised and experienced in the Further Education sector. The sequel to *Further Education and the Twelve Dancing Princesses*, this book is similarly playful, but deadly serious in intent.

Using Machiavelli's celebrated and contested treatise *The Prince* as a metaphorical guide, the contributors each take a different perspective to interrogate leadership, agency and professionalism in FE. The scope of *The Principal* is as wide as the sector, with chapters on adult education and the FE systems throughout the UK and in Ireland and Australia. The writers share a fierce commitment to FE and this book is a must-read for anyone who cares about how and where the FE sector is being led.

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Paper, 978 1 85856 844 7

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EDUCATION

By the Light of the Silvery Moon

Teacher Moonlighting and the Dark Side of Teachers' Work

Eleanor J. Blair

Teacher moonlighting has been studied and documented since at least the early 1960s, and yet it can be easily argued that the phenomenon is still not understood.

Teachers moonlight in higher numbers than other professions, and yet while most teachers claim that they do it for the money, increases in their compensation have not reduced the practice.

This is the first book to provide a thorough review of the research on the topic, looking deeply into the intricate workings of a profession that is at least imperiled or, in the best of scenarios, a profession that is in transition. Teachers play a critical role in society, so teaching needs to be a sustainable profession where teachers may still moonlight, but the opportunities to expand the status as well as the content and context of their work are unlimited. This book will fill an important gap in the literature by bringing together the research and situating it within a broader conversation about teachers' work.

June 2018

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Ebook, 978 1 975500 19 1

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Paper, 978 1 975500 17 7

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**Democracy and Education
by John Dewey**

With a Critical Introduction by Patricia H. Hinchey

Patricia H. Hinchey

Some hundred years after John Dewey worked to illuminate what it means to educate and how public education serves as the bedrock of democracy, his seminal *Democracy and Education* speaks urgently not only to critical contemporary educational issues but to contemporary political issues as well. As mania for testing forces a steadily narrowing curriculum, Dewey explains why democracy cannot "flourish" if "the chief influences in selecting subject matter of instruction are utilitarian ends narrowly conceived for the masses." As such utilitarian subject matter is increasingly placed online, isolating individual students and their electronic screens, he insists that education happens not through direct instruction but "indirectly by means of the environment" where members of a community engage in meaningful tasks. As the American population appears increasingly subject to rhetorical manipulation and ideological extremism, Dewey imagines the possibility of education cultivating "habits of mind which secure social changes without introducing disorder." Insightful and inspiring, Dewey's classic reintroduces readers to educational and political possibilities hard to remember as political and corporate forces to work reshape American public schools in the service of global profit rather than democratic life.

April 2018

**Timely Classics in Education
Paper, 978 1 975500 20 7**

\$14.95 (S5)

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\$39.99 (10)

Ebook, 978 1 975500 22 1

\$14.99 (S9)



Hinchey: Penn State University

**Educator Most
Extraordinary**

The life and achievements of Harry Rée, 1914–1991

Jonathan M. Daube

This is the extraordinary story of Harry Rée, the "pre-eminent educationalist of the post-War years." The youngest of eight children, he went to Cambridge and then into teaching. After 10 years as headmaster of Watford Boys' Grammar School, he became a fervent advocate for comprehensives. The first professor appointed at the University of York, he argued for innumerable causes: community education, comprehensives, curricular reform, voluntary suicide, and much else.

Now Available

269 pp, 6 1/8" x 9 1/5"

Paper, 978 1 78277 212 5

\$41.95 (S5)



Enhancing Learning and Teaching with Technology

What the Research Says

Edited by Rosemary Luckin

The educational technology sector is growing fast, with schools, colleges and universities more than ever looking for the best ways to use technology in the classroom. At the same time, there is an increasing appetite for learning and teaching practices to be backed up by evidence. However, there are few resources that bring these two things together.

This book brings together researchers, technologists and educators to discuss how technology can be designed and used for learning and teaching to best effect. It addresses what the research says about how and why learning happens and how different technologies can enhance it; engaging a variety of learners through technology and helping them benefit from it; and how technology can support teaching.

It is an accessible introduction to the issues important for teachers and other educational professionals to consider when using technology to support teaching and learning.

April 2018

300 pp, 6 1/8" x 9 1/5"

Paper, 978 1 78277 226 2

\$41.95 (S5)



Experience and Faith in Education

Contemporary Essays from Quaker Perspectives

Edited by Anne Watson and Don Rowe

This book emerges from a deep concern about the direction of educational policy in the last decade and its effects on children, teachers and school leaders. It addresses contemporary issues from the perspectives of justice, peace, equality and truth, and is informed by Quaker approaches to these values. It presents a coherent approach to education, including subject teaching, that resonates with the authors' deep integrity in practice and in making sense of education.

April 2018

240 pp, 6 1/8" x 9 1/5"

Paper, Apr 2018, 978 1 85856 838 6

\$41.95 (S5)



Getting to Where We Meant to Be

Working Toward the Educational World We Imagine/d

Patricia H. Hinchey and Pamela J. Konkol

How is it, this text asks, that given such good intentions among education professionals, things in schools can go so very wrong?

The problem, Hinchey and Konkol posit, is that unspoken and misleading assumptions result in choices, decisions and policies with disastrous consequences for kids. They tease out those assumptions on the key issues of school goals, curriculum, education for citizenship, discipline, and school reform, inviting readers to think again, to question the taken-for-granted, in the hope of better aligning intentions and outcomes.

This book is the perfect text for both undergraduate and graduate classrooms devoted to the study of public education. Questions at the end of each chapter point to ways for preservice and inservice teachers, as well as administrators and other education personnel, to advance their thinking about choices in their own contexts. In addition, suggested readings, websites and videos offer more food for thought.

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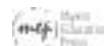
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E-Book, 978 1 975500 03 0

\$42.95 (S9)

Paper, 978 1 975500 01 6

\$42.95 (S5)



Hinchey: Penn State University

Indigeneity and Decolonial Resistance

Edited by George J. Sefa Dei and Cristina Jaimungal

To be able to promote effective anti-colonial and decolonial education, it is imperative that educators employ indigenous epistemologies that seek to threaten, replace and reimagine colonial thinking and practice. This book contributes to the search for a more radical decolonial education and practice that allows for the coexistence of, and conversation among, "multiple-epistemes." It approaches the topics from three perspectives: the thought that our epistemological frameworks must consider the body of the knowledge producer, place, history, politics and contexts within which knowledge is produced, that the anti-colonial is intimately connected to decolonization, and by extension, decolonization cannot happen solely through Western science scholarship, and that the complex problems and challenges facing the world today defy universalist solutions, but can still be remedied.

Indigeneity and Decolonial Resistance is an excellent text for use in a variety of upper-division undergraduate and graduate classrooms. It is also a valuable addition to the libraries of writers and researchers interested in indigenous studies and decolonialism.

March 2018
500 pp, 6" x 9"
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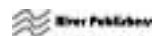


Insights on Education Reform in China

Edited by Zhiying Nian, Qinhua Zheng and Li Chen

Since the late 1970s, China initiated landmark reforms in education, resulting in great strides in international rankings. Unlike many recent books on Chinese educational reform, which examine macroscopic policies, this book examines the universalization of pre-school education, school selection in elementary education, attractiveness of vocational education, the operational mode of university charters, the development of open universities, the credit bank system in building the learning society, and other aspects of education. It only analyzes one specific problem in each of these contexts for the purpose of comparing China's educational reforms to their overseas counterparts through microscopic study.

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200 pp, 6 1/8" x 9 1/5"
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International Perspectives on Alternative Education

Policy and Practice

Edited by Gilleen McCluskey and Martin Mills

Since public education in South Korea is, according to its Ministry, "not fully accommodating the various demands from young students who live in a rapidly changing world," the country has developed an alternative education sector that "has helped accommodate young students without discrimination and while acknowledging their difference." This book draws on the papers presented at the invited conference hosted by South Korea on "alternative" approaches to schools, augmented to offer readers international perspectives on a growing educational issue. "Alternative education" encompasses a variety of schooling organizations, some private and others publicly funded, often to meet the needs of marginalized students. Section One of the book considers policy in the United States, Australia, South Korea, the United Kingdom and Denmark; Section Two tells the stories of alternative schools in these countries and in Germany, that work for their students. In the final section, the editors reflect on the definitions, directions and dilemmas of alternative education.

July 2018
200 pp, 6 1/8" x 9 1/5"
Paper, 978 1 85856 782 2
\$41.95 (\$5)



Putting the Test in its Place

Teaching well and keeping the number crunchers quiet

Jon Berry

Schools visited by Jon Berry demonstrate that in schools which collectively abide by the principles of teaching and learning, and not marketization, students achieve well. His research shows that we can still teach with creativity, energy and innovation, and that resistance to a regime of teaching to the test is both possible and rewarding.

Now Available

112 pp, 6 1/8" x 9 1/5"

Paper, 978 1 85856 834 8

\$21.95 (S5)



Researching Resistance

Public Education after Neoliberalism

M. Francyne Huckaby

This book serves two vital functions. First, it explores, explicates, and encourages critical qualitative research that engages the arts and born-digital scholarship. Second, it offers options for understanding neoliberalism, revealing its impact on communities, and resisting it as ideology, practice, and law. This book delves into strategies for engaging neoliberalism, the Black feminist cyborg theoretical assumptions and intentions of the film project, the research and methodology that walks the fault line between film and ethnography and the relationships between the researcher, the activist organizations and the activism.

It is the companion text to the digital native ethnographic film project entitled *Public Education | Participatory Democracy After Neoliberalism* (<http://scalar.usc.edu/works/publiceducation/index>).

Qualitative Inquiry: Critical Ethics, Justice and Activism

June 2018

184 pp, 6" x 9"

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\$42.95 (S5)



Scientific Style in English

**Marcelo Sampaio de Alencar and
Thiago Tavares de Alencar**

Style is a distinctive manner of expression, in writing or speech. The word evolved from Latin *stilus*, an instrument for writing, marking, or incising, such as something used by the ancients in writing on clay or waxed tablets. It is the way in which something is said or done, as distinguished from its substance. Style is also a convention with respect to spelling, punctuation, capitalization, and typographic arrangement and display followed in writing or printing.

Scientific Style in English helps students with the reading and writing of scientific and technical texts in English, with a particular focus on style, grammar and math. It can be used by students and professionals with basic or intermediate understanding of the English language.

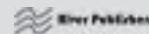
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What Should Schools Teach?

Disciplines, subjects, and the pursuit of truth

Edited by Alex Standish and Alka Sehgal Cuthbert

The blurring of the distinctions between pedagogy and curriculum, and experience and knowledge, has resulted in a generation of teachers who are confused about the part that each of these plays in the education of children. Schools may still teach through subjects, but there is little consensus about what constitutes a subject and what they are for. The aim of this book is to contribute to a more robust rationale for, and understanding of, what schools should teach – the curriculum. This is not to dismiss the significance of pedagogy, how children learn or the personal knowledge and experiences they bring to the classroom. Rather, to become a successful teacher depends upon understanding the respective roles of each. But the curriculum – what to teach – is logically prior to how to teach it. There is no more important question in education.

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White Working-class Boys

Teachers Matter

Mary-Claire Travers

The author traces the educational trajectories of a group of white working-class young men who have succeeded academically and who tell her eloquently about how and why they did so. The author's positive research and insightful analysis makes for a unique contribution to the study of social mobility and social justice. She and her participants offer policymakers, education researchers and teacher educators vital evidence-based recommendations for tackling the long-standing issue of white working-class boys' academic underachievement.

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Will the Leopard Change its Spots?

Frank Coffield

Does Ofsted (the UK Office for Standards in Education, Children's Services and Skills) do more harm than good? The evidence shows that, despite some benefits, Ofsted's methods are invalid, unreliable and unjust. Educators are diverted from looking after students to looking after inspectors.

A new model is presented, underpinned by five principles: education as growth; trust rather than fear; challenge matched by support; dialogue; and appreciative inquiry. There are nine components in the new model that are operationalized so as to dispense with league tables and grades. A single adjective – whether "outstanding" or "inadequate" – cannot sum up all the complexities within a school.

There are welcome signs that Ofsted is willing to act on constructive criticism. Ofsted doesn't belong to the government but to the citizens of Great Britain, and they have a right to call for change. This is the essence of democracy – the freedom to think differently on behalf of others.

Now Available

104 pp, 6 1/8" x 9 1/5"

Paper, 978 1 78277 213 2

\$21.95 (S5)



Writing in Online Courses

How the Online Environment Shapes Writing Practices

Phoebe Jackson and Christopher Weaver

For scholars interested in the intersection of writing and online instruction, *Writing in Online Courses: How the Online Environment Shapes Writing and Practice* examines both the theoretical and practical implications of writing in online courses. The essays in this collection reflect upon what the authors have learned about the synergistic way that writing helps to shape online instruction and how online instruction helps to shape the writing process. While many educators continue to question the reasons for teaching online, these essays demonstrate the useful ways in which it enhances and informs student writing and learning. From the vantage point of different disciplines, the authors examine how the writing process is revealed and changed when it is placed at the center of an online learning environment.

March 2018

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AGRICULTURE & PLANT SCIENCE

The Business of Plant Breeding

Market led Approaches to Plant Variety Design in Africa

Edited by Gabrielle J. Persley and V.M. Anthony

Beginning with an overview of the principles of demand-led plant breeding, the book then discusses aspects such as understanding the demands of clients and markets in rural and urban areas, foresight in setting product profiles and breeding targets, and determining breeding strategy and stage plans. It also covers measuring success and making the business case for future investments in breeding programs that will deliver new varieties to meet market demands.

December 2017

216 pp, 6 3/4" x 9 3/5"

Cloth, 978 1 78639 381 4

\$135.00 (S6)



Automation in Tree Fruit Production

Principles and Practice

Qin Zhang

Written by experts in agricultural automation technology from around the world, chapters in this book cover topics such as automated tree fruit production systems, plant stress sensing and high-throughput phenotyping in precision horticulture, the economics of automation in tree fruit production, light

interception sensing systems for canopy management, precision irrigation and water management, precision technologies for pest and disease management, opportunities for the application of robotics in tree fruit production, and the mechanical harvesting and handling of fruit crops.

January 2018

288 pp, 6 3/4" x 9 3/5"

Cloth, 978 1 78064 850 7

\$205.00 (S6)



Zhang: Washington State University

Cyst Nematodes

Edited by Roland N. Perry, Maurice Moens and John T. Jones

This book is a compendium of current information on all aspects of cyst nematodes. It provides comprehensive coverage of their biology, management, morphology and diagnostics, in addition to up-to-date information on molecular aspects of taxonomy, host-parasitic relationships and resistances of these economically important parasites.

Written by a team of international experts, this collection will be invaluable to all researchers, lecturers and students in nematology, parasitology, agriculture and agronomy, industries with an interest in chemical and biological control products for management of plant-parasitic nematodes, and any courses, quarantine and advisory services.

April 2018

456 pp, 6 3/4" x 9 3/5"

Cloth, 978 1 78639 083 7

\$225.00 (S6)



Blackberries and Their Hybrids

Edited by **Harvey K. Hall and Richard C. Funt**

This practical book provides a comprehensive and accessible overview of all aspects of the commercial production of blackberries and their hybrids, covering plant growth and development, cultivar description and selection, propagation, pruning, soil and water management, postharvest management, economics and marketing, and pest identification and management. Cultivated blackberries are a relatively new crop, but with new cultivars and cultural practices, they are now grown and available worldwide. Production regions have expanded internationally due to innovative methods showing much promise and evidence of human health benefits.

Authored by a team of experts, this book is essential for growers, extension workers, fruit industry personnel, students, and lecturers involved in the commercial production of blackberries and their hybrids.

December 2017

Crop Production Science in Horticulture

368 pp, 6 1/8" x 9 1/5"

Paper, 978 1 78064 668 8

\$75.00 (S6)



Funt: Ohio State University

Data Analysis in Vegetation Ecology

THIRD EDITION

Otto Wildi

The third edition of this popular textbook introduces the reader to the investigation of vegetation systems with an emphasis on data analysis. The book succinctly illustrates the various paths leading to high quality data suitable for pattern recognition, pattern testing, static and dynamic modeling, and model testing, including spatial and temporal aspects of ecosystems.

Step-by-step introductions using small examples lead to more demanding approaches illustrated by real world examples aimed at explaining interpretations. All data sets and examples described in the book are available online and are written using the freely available statistical package R.

December 2017

352 pp, 6 1/8" x 9 1/5"

Paper, 978 1 78639 422 4

\$65.00 (S6)



Digital Technologies for Agricultural and Rural Development in the Global South

Edited by **Richard Duncombe**

This book shares research and practice on current trends in digital technology for agricultural and rural development in the Global South. Growth of research in this field has been slower than the pace of change for practitioners, particularly in bringing socio-

technical views of information technology and agricultural development perspectives together. The contents are therefore structured around three main themes: sharing information and knowledge for agricultural development, information and knowledge intermediaries, and facilitating change in agricultural systems and settings.

With contributions reaching beyond just a technological perspective, the book also provides consideration of social and cultural factors and new forms of organization and institutional change in agricultural and rural settings. An invaluable read for researchers in international development, socio-economics and agriculture, it also forms a useful resource for practitioners working in the area.

April 2018

192 pp, 7 1/2" x 9 5/8"

Cloth, 978 1 78639 336 4

\$160.00 (S6)

Paper, 978 1 78639 480 4

\$62.50 (S6)



Emerging Trends in Agri-Nanotechnology

Fundamental and Applied Aspects

Edited by **Harikesh Bahadur Singh, S. Mishra, L. F. Fraceto and R. de Lima**

The science of nanotechnology - the manipulation, design, and engineering of devices at the atomic and molecular scale - is starting to be applied to many disciplines, including agriculture and crop science.

This book opens with a brief history of nanotechnology in agriculture and then describes applications and how they can

enhance agricultural productivity. Topics covered include the biosynthesis of nanoparticles, the ecological consequences of their delivery into the environment, safety issues, how nanoformulations are marketed globally, and the regulation of nanotechnology in agriculture. The book concludes with speculations about what the future holds for the technology.

March 2018

312 pp, 6 3/4" x 9 3/5"

Cloth, 978 1 78639 144 5

\$205.00 (S6)



Fair Trade and Organic Agriculture

A Winning Combination?

Edited by P. Parvathi, U. Grote and Hermann Waibel

Organic and fair-trade certified commodities catering for niche markets are growing rapidly and offer potential benefits for small-scale farmers and the society at large. It is vital to assess if it is technically and economically feasible to meet the growing consumer demands of food safety, quality, and ethics, especially by smallholder and marginal producers. Organic and fair-trade certified commodities are predominantly produced in the developing countries of Asia, Africa, and Latin America to cater to the environmentally and socially conscious consumers in Europe and North America. Thus these systems reflect an interdependence between the developed and the developing nations in promoting eco-friendly and sustainable development, an aspect this book considers in depth. The potential of applying both

systems in combination for small-scale farmers in developing countries and the willingness of consumers to pay more for a product that is both organic and fair-trade certified are explored through case studies.

February 2018

208 pp, 6 3/4" x 9 3/5"

Cloth, 978 1 78639 305 0

\$140.00 (S6)



Integrated Pest Management in Tropical Regions

Edited by Carmelo Rapisarda and G. Massimino Cocuzza

This book provides up-to-date and comprehensive coverage of the research and application of Integrated Pest Management (IPM) in tropical regions. The first section explores the agro-ecological framework that represents the foundations of IPM in addition to emerging technologies in chemical and biological methods that are core to pest control in tropical crops. The second section follows a crop-based approach and provides details of current IPM applications in the main tropical food crops (such as cereals, legumes, root and tuber crops, sugarcane, vegetables, banana and plantain, citrus, oil palm, tea, cocoa, and coffee), fiber crops (such as cotton), and tropical forests.

Written by an international team of experts, this is a valuable tool for researchers, extension workers and stakeholders in the field of sustainable agricultural development as well as for all those in charge of implementing training and development programs to enhance the worldwide

adoption of sustainable techniques in IPM, agriculture, and crop protection.

January 2018

312 pp, 6 3/4" x 9 3/5"

Cloth, 978 1 78064 800 2

\$160.00 (S6)



Invasion Biology

Hypotheses and Evidence

Edited by J. Jeschke and T. Heger

Invasion biology has many hypotheses, but it is largely unknown whether they are backed up by empirical evidence. This book fills that gap by (a) further developing a tool for assessing research hypotheses and (b) applying it to a number of invasion hypotheses, using the hierarchy-of-hypotheses (HoH) approach. Part 1, an overview chapter of invasion biology will be followed by an introduction to the HoH approach and short chapters of science theorists and philosophers that comment on the approach. Part 2 outlines the 30 invasion hypotheses and their interrelationships. Part 3 suggests future directions of invasion research.

June 2018

176 pp, 6 3/4" x 9 3/5"

Cloth, 978 1 78064 764 7

\$125.00 (S6)



Maize Kernel Development

Edited by **Brian A. Larkins**

This authoritative book acts as a guide to understanding maize kernel development. Written by a team of experts, it covers topics spanning pre- and post-fertilization events, embryo and endosperm development, grain filling and maturation, and factors influencing crop yield. It explores the significance of maize and other cereal grains, existing hypotheses and research, and important gaps in our knowledge and how we might fill them. This is a valuable resource for researchers of maize and other cereals, and anyone working on basic or applied science in the fields of seed development, plant genetics, and crop physiology.

January 2018

240 pp, 6 3/4" x 9 3/5"

Cloth, 978 1 78639 121 6

\$160.00 (S6)



Larkins: University of Nebraska-Lincoln

Medicinal Plants of the World

REVISED EDITION

Edited by **Ben-Erik van Wyk and Michael Wink**

Medicinal plants and plant-derived medicine are widely used in traditional cultures all over the world, and they are becoming increasingly popular in modern society as natural alternatives to synthetic chemicals. As more and more natural remedies are being commercialized, there is a need for a user-friendly reference guide to the plants and their products.

This reference gives the reader a bird's eye view of more than 350 of the best known medicinal plants of the world and their uses, in a compact, colorful, and scientifically accurate text. It provides quick answers to the most obvious questions: Where does this plant originate? What does it look like? In which culture is it traditionally used? What is it used for? Which chemical compounds does it contain? How safe is it? What is known about its pharmacological activity? What evidence is there that it is effective?

The authors also provide short overviews of the various health conditions for which medicinal plants are used and the active compounds (secondary metabolites) found in the plants and their modes of actions.

This new edition has an additional 30 plant species and many new and improved photographs. The text has been fully updated to reflect the latest regulatory status of each plant.

Now Available

520 pp, 6 5/8" x 9 2/5", color photos

Cloth, 978 1 78639 325 8

\$50.00 (S6)



Sustainable Bamboo Development

Edited by **Z. Zhu and W. Jin**

This book presents over 40 cases of bamboo development from across 22 major bamboo-industry countries and explores the knowledge gained from their successes and failures. It synthesizes experiences and exchanges with country experts from international training courses, study tours, and seminars. Each case includes detailed observations and summaries of discussions related to the development of bamboo-based industries in a healthy, sustainable way to facilitate the strategic and balanced development of the bamboo sectors in different global regions. Industrial and artisanal bamboo growing and processing is expanding worldwide, and this book collates key experiences to inform future developments.

Highly illustrated and presented in full color throughout, this book is an essential resource for private sector investors, governmental and development agencies, and academic researchers and students who are all interested in bamboo.

March 2018

320 pp, 6 3/4" x 9 3/5"

Cloth, 978 1 78639 401 9

\$175.00 (S6)



UV-B Radiation and Plant Life

Molecular Biology to Ecology

Edited by Brian R. Jordan

Ultraviolet-B radiation (UV-B) has profound effects on plant growth and development, and exposure varies with ozone depletion across geographic regions with ecosystem and agricultural consequences. This book deals with large-scale impacts and how UV-B affects plants at the molecular level. The UV-B photoreceptor of plants has only recently been characterized. While UV-B radiation can be damaging, it also has a more positive role in plant photomorphogenesis. Consequently, UV-B treatments are being developed as innovative approaches to improve horticulture. This book is a timely synthesis of what we know and need to know about UV-B radiation and plants.

December 2017

200 pp, 6 3/4" x 9 3/5"

Cloth, 978 1 78064 859 0

\$160.00 (S6)



ANIMAL & VETERINARY SCIENCE

Parasites and Pets

A Veterinary Nursing Guide

Hany Elsheikha, Ian Wright and John McGarry

This book is designed specifically for veterinary nurses and veterinary nursing students, and adopts an inquiry-based approach to assist veterinary nurses in gaining the essential knowledge and practical understanding necessary to excel in supporting veterinary surgeons to achieve an optimal management of parasitic diseases of dogs and cats.

Each chapter includes a number of questions and answers about a major group of parasites supported by figures and ends with learning outcomes. The readers can also identify their own abilities and areas for development by completing the end of chapter self-assessment questions, answers to which can be found at the back of the book. The questions are designed to encourage veterinary nurses to question their practice, rationales, and the evidence base of parasitology care delivery they provide to the patients. By completing all chapters and associated exercises within this book the readers will gain the essential parasitology knowledge and professional skills needed for parasitology practice.

April 2018

152 pp, 6 1/8" x 9 1/5"

Paper, 978 1 78639 404 0

\$50.00 (S6)



Veterinary Clinical Skills Manual

N. Coombes and A. Silva-Fletcher

Down to earth and intensely practical, this book and video package describes in a step by step way the essential clinical skills that veterinary students need to acquire before they face clinical situations in the real world of the busy veterinary clinic.

- Contains step by step illustrations and photographs, and videos of clinical procedures which can be viewed on your desktop, smartphone or tablet
- Covers the essential key skills that you need to know, with more available online
- Details a whole range of skills from: surgical, anaesthesia, laboratory, through to everyday essential skills and diagnostic skills in both farm and companion animals
- The use of simulators in learning key skills is covered in depth
- Get advice on preparing for OSCEs and practical exams

This book is the go-to manual for an essential grounding in key veterinary clinical skills for all students and educators of veterinary medicine and animal husbandry.

April 2018

486 pp, 7 1/2" x 9 5/8"

Paper, 978 1 78639 162 9

\$65.00 (S6)



ACADEMIC AND PROFESSIONAL TITLES

Animal Welfare

THIRD EDITION

Edited by Michael C. Appleby, I. Anna Olsson and F. Galindo

Updated and revised, this bestselling textbook continues to provide a broad introduction to the key topics in the welfare of animals both large and small, farm and companion, and wild and zoo. It retains all of the popular features of the previous editions and covers key issues such as ethics, animal pain and injury, health and disease, social conditions, and welfare dilemmas and problems. Importantly, it also offers practical advice for welfare assessment and a full section dedicated to the implementation of solutions.

The third edition:

- Contains many more examples of welfare issues in different countries, particularly the implications for smallholders as well as larger scale agriculture
- Covers fish welfare as well as the welfare of amphibians, reptiles, and invertebrates
- Includes concepts of positive emotion and other positive aspects of welfare
- Focuses on animal welfare and sustainability
- Includes an integrated ebook with additional material and videos

March 2018**440 pp, 7 1/2" x 9 5/8"****Paper, 978 1 78639 020 2****\$65.00 (S6)****The Ethology of Domestic Animals**

An Introductory Text

THIRD EDITION

Edited by Per Jensen

Completely updated, revised, and redesigned in color throughout, this classic text continues to provide a concise introduction to the important fundamentals of animal behavior from genetics, physiology, motivation, learning, and cognition to social and reproductive behavior, abnormal behavior, and human-animal interactions.

This new edition includes:

- Concise, comprehensive coverage of all the fundamentals of animal behavior in companion, farm, and laboratory animals
- The latest evidence-based information on animal behavior and welfare from expert authors and key opinion leaders from around the world
- A revised layout and design with easy to find key information at a glance, making it an ideal rapid revision tool
- New chapters on fur animals with the inclusion of more species and expanded sections on canine behavior

December 2017**304 pp, 7 1/2" x 9 5/8", 100 color illus****Paper, 978 1 78639 165 0****\$55.00 (S6)****Australia's Dangerous Snakes**

Identification, Biology and Envenoming

Peter Mirtschin, Arne Rasmussen and Scott Weinstein

Australia's venomous snakes are widely viewed as the world's most deadly and are regarded with cautious curiosity, fascination, and regrettably, fear. *Australia's Dangerous Snakes* examines the biology, natural history, venom properties, and bite treatment of medically-important, venomous marine and terrestrial snakes. It contains comprehensive identification profiles for each species, supported by keys and photographs. In addition to their medical importance, the environmental roles of these snakes and the threats that are causing the decline of many of these reptiles are discussed. Drawing on the authors' experience in the fields of herpetology, toxinology, and clinical medicine, this book stimulates respect and admiration and dispels fear of Australia's fascinating snakes.

February 2018**432 pp, 8 1/4" x 10 5/8", color photos,****maps, illustrations****Cloth, 978 0 643 10673 4****\$89.95 (S5)**

Bovine Pathology

A Text and Color Atlas

Claus D. Buergelt, Edward G. Clark and Fabio Del Piero

Illustrated with over 1000 color images of the highest quality, this book is a comprehensive single resource to identifying diseases in dairy cattle, feedlot cattle, and their calves. With summary text describing key features, it correlates clinical information with pathology and differential diagnoses.

The text covers naked-eye macroscopic appearance, through to microscopic pathology, and the immunohistochemistry of infectious agents and tumor markers. Structured by major organ system, the disease entries follow a consistent format and clarity of display. This, combined with an integrated E-book, handy fact sheets, summary boxes and key points, helps aid understanding.

Serving as an essential reference work for veterinary pathologists who perform bovine necropsies, veterinary residents and students, the book is also practical enough for bovine practitioners who need to investigate sudden death losses of cattle on the farm.

March 2018

352 pp, 8 5/8" x 11", over 1,000 color photos

**Cloth, 978 1 78064 671 8
\$205.00 (S6)**



**Buergelt: University of Florida
Clark: University of Calgary
Del Piero: Louisiana State University**

Bovine Tuberculosis

Edited by S. Gordon, Mark Chambers, Paul Barrow and F. Olea-Popelka

Contemporary, topical and global in its approach, this book provides an essential, comprehensive treatise of bovine tuberculosis and the bacterium, *Mycobacterium bovis*, which causes it.

Bovine tuberculosis remains a major cause of economic loss in cattle industries worldwide. The problem is exacerbated in some countries by the presence of a substantial wildlife reservoir. It is a major zoonosis responsible to human infection through consumption of unpasteurized milk or by close contact with infected animals.

Following a systematic approach, expert international authors cover epidemiology and the global situation, microbial virulence and pathogenesis, host responses to the pathogen, as well as diagnosis and control.

Aimed at the researcher and the practicing veterinarian, this book is essential for all those needing comprehensive information on the pathogen and the disease as well a summary of key information learned from human tuberculosis research. It will be useful to those studying the infection itself and for those in different countries responsible for controlling the disease.

June 2018

256 pp, 6 3/4" x 9 3/5"

**Cloth, Jun 2018, 978 1 78639 152 0
\$160.00 (S6)**



Companion Animal Behaviour Problems

Prevention and Management of Behaviour Problems in Veterinary Practice

Edited by Rachel A. Casey and Sarah Heath

Ensuring the well-being of animals is a primary concern for every veterinary practice. Split into easily accessible sections, part one of this book outlines the origin of animal behavior and how this has adapted to the domestic environment. Part two focuses on the role of the veterinary practice in preventing undesirable behavior, such as practice design, socialization classes and communication with owners. Part three gives practical advice for handling dangerous animals, discussing options such as euthanasia and working with referral veterinarians. Behavioral problems remain the number one cause of companion animal euthanasia; this book seeks to improve the situation for all involved.

June 2018

280 pp, 7 1/2" x 9 5/8"

Cloth, 978 1 78064 345 8

\$145.00 (S6)

Paper, 978 1 78064 346 5

\$72.50 (S6)



Nutrition and Feeding of Organic Pigs

SECOND EDITION

Robert Blair

Organic animal production has increased rapidly in recent years to keep up with the increasing consumer demand for organic meats. There are many guidelines and restrictions on what should go into the feedstuffs of organically farmed animals. As a result, difficulties arise when trying to ensure a well-balanced, nutritious diet without the use of any supplements.

This second edition of Robert Blair's classic and best-selling book on the nutrition and feeding of organic pigs presents advice on formulating appropriate diets and integrating them into organic pig production systems. It provides the international standards of organic feeding, the breeds of pig that are most suitable for organic farming, up to date information on pigs' nutritional requirements, and examples of diets formulated to organic standards.

February 2018**272 pp, 6 3/4" x 9 3/5"****Cloth, 978 1 78064 790 6****\$160.00 (S6)****Blair: University of British Columbia****Proceedings of the 11th International Veterinary Behaviour Meeting****Edited by Sagi Denenberg**

This book contains the proceedings from the 11th International Veterinary Behaviour Meeting. Keynote Presentations include 'Use of Psychopharmacology to Reduce Anxiety and Fear in Dogs and Cats: A Practical Approach' by Barbara L. Sherman, 'A Multimodal Approach to Resolving Tension Between Cats in the Same Household: A Practical Approach' by Sarah E. Heath, 'The Importance of the Welfare of Research Animals to Maximise the Quality of Behavioural Research: Do We Measure True Behaviours?' by Patrick Pageat and 'Making Animal Welfare Sustainable - Human Behaviour Change for Animal Behaviour: The Human Element' by Jo White and Suzanne Rogers.

Now Available**160 pp, 6 3/4" x 9 3/5"****Paper, 978 1 78639 458 3****\$49.50 (S6)****Pushing the Limits of Animal Biology and its Implications for Welfare and Ethics****Edited by Temple Grandin and Martin Whiting**

Stimulating and thought-provoking, this new text looks at the welfare problems and philosophical and ethical issues that are caused by changes made to an animal's telos, behavior, and physiology, both positive and negative, to make them more productive or adapted for human uses.

These changes may involve selective breeding for production, appearance traits, or competitive advantage in sport; transgenic animals; or the use of pharmaceuticals or hormones to enhance production or performance. Changes may impose duties to care for these animals further and more intensely, or they may make the animal more robust.

The book considers a wide range of animals, including farm animals, companion animals, and laboratory animals. It reviews the ethics and welfare issues of animals which have been adapted for sport, companions, toys, ornaments, food sources, weapons, and a whole host of other human functions. This important book sparks debate and is essential for all those involved in animal welfare and ethics, including veterinarians, animal scientists, animal welfare scientists, and ethologists.

January 2018**192 pp, 6 3/4" x 9 3/5"****Paper, 978 1 78639 054 7****\$65.00 (S6)****Grandin: Colorado State University**

Recovering Australian Threatened Species

A Book of Hope

Edited by Stephen T. Garnett, Peter Latch, David Lindenmayer and John Woinarski

Australia's nature is exceptional, wonderful and important. But much has been lost, and the ongoing existence of many species now hangs by a thread. Against a relentless tide of threats to our biodiversity, many Australians, and government and non-government agencies, have devoted themselves to the challenge of conserving and recovering plant and animal species that now need our help to survive. This dedication has been rewarded with some outstanding and inspiring successes: of extinctions averted, of populations increasing, of communities actively involved in recovery efforts.

This book showcases successful conservation stories and identifies approaches and implementation methods that have been most effective in recovering threatened species. These diverse accounts – dealing with threatened plants, invertebrates, fish, reptiles, birds and mammals – show that the conservation of threatened species is achievable: that it can be done and should be done. They collectively serve to inform, guide and inspire other conservation efforts. This is a book of hope and inspiration. It shows that with dedication, knowledge and support, we can retain and restore our marvelous natural heritage, and gift to our descendants a world that is as diverse, healthy and beautiful as that which we have inherited.

June 2018

**360 pp, 6 5/8" x 9 2/5", color photos, illus, and maps
Paper, 978 1 4863 0741 8
\$44.95 (S5)**



ENTOMOLOGY

Splendid Ghost Moths and Their Allies

A Revision of Australian Abantiades, Oncopera, Aenetus, Archaeoenetus and Zelotypia (Hepialidae)

Thomas J. Simonsen

The *Hepialidae* (Ghost Moths) are a family of often spectacular micro-moths. The Australian region is one of the hot spots for hepialid diversity and the fauna is divided into three groups: primitive *Hepialidae* with small, often overlooked species; *oxycanine Hepialidae*, containing the large and poorly known genus *Oxycanus* and its allies; and finally the *hepialine Hepialidae*, which span from stunning, green Splendid Ghost Moths in the genus *Aenetus*, to the enormous moths in the genera *Zelotypia* and *Abantiades* (which include some of the most impressive insects in the world), to smaller, drab pest species in the genus *Oncopera*.

This is the first work to provide comprehensive information about the taxonomy, biology, diversity and morphology of all 70 Australian *hepialine Hepialidae* species, including the descriptions of 15 species and one genus new to science. Each species is illustrated with color photographs of males and females and drawings of the genitalia, and the book also contains

identification keys to genera and species. Distribution maps and detailed information on where each species is found are included, as well as a species richness map for the group in Australia. This book is an invaluable reference for moth enthusiasts, professional entomologists and nature conservationists alike.

June 2018

Monographs on Australian Lepidoptera Series 12

320 pp, 6 7/8" x 9 4/5", illus, color plates, and maps

Cloth, 978 1 4863 0747 0

\$146.95 (S5)



ENVIRONMENT & ECOLOGY

Australian Island Arks

Conservation, Management and Opportunities

Edited by Dorian Moro, Derek Ball and Sally Bryant

Australia is the custodian of a diverse range of continental and oceanic islands. From Heard and Macquarie in the sub-Antarctic, to temperate Lord Howe and Norfolk, to the tropical Cocos (Keeling) and the islands of the Great Barrier Reef, Australia's islands contain some of the nation's most iconic fauna, flora and ecosystems. They are a refuge for over 35% of Australia's threatened species and for many others declining on mainland Australia. They also have significant cultural value, especially for Indigenous

(continued overleaf)

ACADEMIC AND PROFESSIONAL TITLES

communities, and economic value as centers for tourism.

This book presents a compelling case for restoring and managing islands to conserve our natural heritage. With contributions from island practitioners, researchers and policy-makers, it reviews current island management practices and discusses the need and options for future conservation work. Chapters focus on the management of invasive species, threatened species recovery, conservation planning, Indigenous cultural values and partnerships, tourism enterprises, visitor management, and policy and legislature. Case studies show how island restoration and conservation approaches are working in Australia and what the emerging themes are for the future.

June 2018

**272 pp, 8 1/4" x 10 5/8", Illus. & Photos
Paper, 978 1 4863 0660 2
\$59.95 (S5)**



Lake Eyre Basin Rivers

Environmental, Social and Economic Importance

Edited by Richard Kingsford

This valuable reference outlines the environmental, social, and economic values of the rivers from a diverse range of perspectives, including science, tourism, economy, engineering, policy, Traditional Owners, and pastoralists. It describes the current state of the environment, the past, and the ongoing threats to the river systems, drawing on stories from the Murray-Darling Basin, and it provides direction for ensuring

that the rivers remain free-flowing to service the environment and future generations.

March 2018

**272 pp, 6 5/8" x 9 5/8", 63 color photos
& 26 illus
Paper, 978 1 4863 0078 5
\$44.95 (S5)**



Monitoring Threatened Species and Ecological Communities

Edited by Sarah Legge, David Lindenmayer, Natasha Robinson, Benjamin Scheele, Darren Southwell and Brendan Wintle

Monitoring is integral to all aspects of policy and management for threatened biodiversity. It is fundamental to assessing the conservation status and trends of listed species and ecological communities. Monitoring data can be used to diagnose the causes of decline, to measure management effectiveness and to report on investment. It is also a valuable public engagement tool. Yet in Australia, monitoring threatened biodiversity is not always optimally managed.

This book gathers insights from some of the most experienced managers and scientists involved with monitoring programs for threatened species and ecological communities in Australia, and evaluates current monitoring programs, establishing a baseline against which the quality of future monitoring activity can be managed. Case studies provide examples of practical pathways to improve the quality of biodiversity monitoring, and guidelines to improve future programs are proposed.

April 2018

**480 pp, 6 5/8" x 9 5/8", color photos & illus
Paper, 978 1 4863 0771 5
\$52.95 (S5)**



Oceans

Science and Solutions for Australia

Edited by Bruce Mapstone

Australia has the third largest marine estate in the world, extending from the tropics to Antarctica and including vast areas of the Indian, Pacific, and Southern Oceans. As a country, Australia has a good reputation for management of their marine estate, but there is still much to understand about how humans' actions affect the oceans, including through climate change, fishing, resource extraction, shipping, and recreation and tourism.

This book summarizes decades of scientific research by CSIRO and other agencies to describe what is known about Australian oceans, how research contributes to their use and management, and how new technologies are changing marine research. It provides engaging and accessible reading for all those interested in Australia's magnificent marine estate.

February 2018

**CSIRO Science and Solutions for Australia Series
224 pp, 7 7/8" x 10 1/4", 117 color photos & 73 illus
Paper, 978 1 4863 0793 7
\$18.95 (S5)**



Rocky Outcrops in Australia

Ecology, Conservation and Management

Damian Michael and David Lindenmayer

Rocky outcrops are landscape features with disproportionately high biodiversity values relative to their size. They support specialized plants and animals, and a wide variety of endemic species. To Indigenous Australians, they are sacred places and provide valuable resources. Despite their ecological and cultural importance, many rocky outcrops and associated biota are threatened by agricultural and recreational activities, forestry and mining operations, invasive weeds, altered fire regimes and climate change.

This volume contains chapters on why this habitat is important, the animals that live and depend on these formations, key threatening processes and how rocky outcrops can be managed to improve biodiversity conservation in agricultural landscapes, state forests and protected areas. This book will be an important reference for landholders, Landcare groups, naturalists interested in Australian wildlife and natural resource managers.

May 2018

184 pp, 6 5/8" x 9 5/8", illus & color photos

**Paper, 978 1 4863 0790 6
\$37.95 (S5)**



BUSINESS, SUSTAINABILITY & URBAN STUDIES

Digital Marketing for Business Growth

Julian Clay

Digital marketing and social media has had a significant impact on the way companies engage with potential customers when selling their products and services. Companies are now able to connect with their target audience in a way that makes people feel engaged in order to help them make purchasing decisions.

This book covers topics that need to be addressed so that plans to achieve sales growth can be implemented successfully. Whether you have a role in marketing or not, you will be able to apply these best practice ideas. This will help you improve the engagement with your target audience in order to achieve a higher return from your marketing campaigns.

**Now Available
220 pp, 5 4/5" x 8 1/4"
Paper, 978 1 85418 885 4
\$24.95 (S5)**

THOROGOOD

Enhancing Science Impact

Bridging Research, Policy and Practice for Sustainability

**Peat Leith, Kevin O'Toole, Marcus Haward and Brian Coffey
Foreword by David Sarewitz**

Sustainability challenges blur the boundaries between academic disciplines, between research, policy, and practice, and between states, markets, and society. What do exemplary scientists and organizations do to bridge the gaps between these groups and help their research to make the greatest impact? How do they do it? And how can their best practices be adapted for a diverse range of specific sustainability challenges?

This book addresses these questions in an accessible and engaging way. It provides principles explaining how research programs can work more effectively across the boundaries between science, society, and decision-making by building social and institutional networks. The book suggests ways of defining and thinking about problems and then offers five frameworks for embedding science within specific governance contexts. It will be an indispensable guide for researcher leaders, science program managers, and science policy advisers interested in ensuring applied research can meaningfully contribute to sustainability outcomes.

**December 2017
216 pp, 6" x 9 1/5", illus
Paper, 978 1 4863 0535 3
\$44.95 (S5)**



Breakthroughs in Smart City Implementation

Edited by Leo P. Lighthart and Ramjee Prasad

This collection addresses a wide variety of present social, political and technological problems. Green and long-lasting solutions will be needed in the coming years in areas to improve air quality, the quality of life of residents in cities, traffic congestion among other concerns.

Two CONASENSE (the Society on Communication, Navigation, Sensing and Services) branches, established in China and in India, report on initiatives needed to overcome the obvious shortcomings at present. This book contains those reports, an introductory chapter concerning the 'Smart City' from the CONASENSE perspective, a chapter showing that not technology but the people in the cities are most important and a chapter on recent results and prospects of "Human in the Loop" in smart vehicular systems.

Now Available
River Publishers Series in Communications

175 pp, 6 1/8" x 9 1/5"
Cloth, 978 87 999237 2 4
\$90.00 (S6)



Building Industries at Sea

'Blue Growth' and the New Maritime Economy

Edited by Kate Johnson, Gordon Dalton and Ian Masters

Throughout the world there is evidence of mounting interest in marine resources and new maritime industries to create jobs, economic growth and to help in the provision of energy and food security. Expanding populations, insecurity of traditional sources of supply and the effects of climate change add urgency to a perceived need to address and overcome the serious challenges of working in the maritime environment. Four promising areas of activity for 'Blue Growth' have been identified at European Union policy level including Aquaculture; Renewable Energy (offshore wind, wave and tide); Seabed Mining; and Blue Biotechnology. Work has started to raise the technological and investment readiness levels (TRLs and IRLs) of these prospective industries drawing on the experience of established maritime industries such as Offshore Oil and Gas; Shipping; Fisheries and Tourism. An accord has to be struck between policy makers and regulators on the one hand, anxious to direct research and business incentives in effective and efficient directions, and developers, investors and businesses on the other, anxious to reduce the risks of such potentially profitable but innovative investments.

This book publishes the detailed analysis of each prospective and established maritime business sector. Sector experts working to a common template explain what these industries are, how they work, their prospects to create wealth and employment, and

where they currently stand in terms of innovation, trends and their lifecycle.

February 2018
River Publishers Series in Renewable Energy
260 pp, 6 1/8" x 9 1/5"
Cloth, 978 87 93609 26 6
\$80.00 (S6)



Capacity Building and Sustainable Development

Edited by Valentine Udoh James

Capacity building has been a topic of intense focus in many "core" or industrialized countries. This book explores the theoretical underpinnings of capacity building to sustain the natural resources, cultural resources, and human resources of communities. It reviews the extensive literature on capacity building strategies and policies and examines the implication of sustainable development and sustainability of communities around the world. The approach is theoretical and applied. It offers methods of operationalizing sustainable development and sustainability theories and explores capacity building methods at different levels of government. Successful practices in non-governmental and governmental agency roles are examined.

May 2018
312 pp, 6 3/4" x 9 3/5"
Cloth, 978 1 78064 616 9
\$160.00 (S6)



The Instant Company Secretary

An A-Z Guide to Duties and Responsibilities

David M. Martin

Company secretarial duties must be undertaken whether there is someone holding that title or not. This book deals with the latest requirements, and the new requirements regarding Registers of Persons of Significant Control.

It provides essential practical, easily accessible advice and guidance to the wide range of important company secretarial duties and regulations that must be adhered to.

The refreshing no-nonsense approach tackles these challenges making it an indispensable and practical guide to the whole range of issues with which the person performing the legally required duties of the Company Secretary must comply.

This book also deals with the latest requirements, including anti-bribery, modern slavery, gender pay reporting and tax evasion legislation

March 2018

400 pp, 6 1/8" x 9 1/5"

Paper, 978 1 85418 900 4

\$116.00 (\$5)



INTERNATIONAL DEVELOPMENT

Can We Know Better?

Reflections for development

Robert Chambers

This book is intended for all who are committed to human wellbeing and who want to make our world fairer, safer and more fulfilling for everyone, especially those who are 'last'. It argues that to do better we need to know better. It provides evidence that what we believe we know in international development is often distorted or unbalanced by errors, myths, biases and blind spots. Undue weight has been attached to standardized methodologies such as randomized control trials, systematic reviews, and competitive bidding: these are shown to have huge transaction costs which are rarely if ever recognized in their enormity.

Robert Chambers contrasts a Newtonian paradigm in which the world is seen and understood as controllable with a paradigm of complexity which recognizes that the real world of social processes and power relations is messy and unpredictable. To confront the challenges of complex and emergent realities requires a revolutionary new professionalism. Fundamental to the new professionalism, in every country and context, are reflexivity, facilitation, ground-truthing, and personal mindsets, behavior, attitudes, empathy and love.

Now Available

190 pp, 6 x 9

Paper, 978 1 85399 45 9

\$19.95 (\$5)



The Complete CLTS Handbook

From village to nation

Kamal Kar

The main purpose of the book is to bring the focus of the practitioners of CLTS to the most important element of CLTS, namely the unconditional empowerment of the local communities to decide on their collective hygiene behavior practice by themselves. This book is the latest and evolved version of facilitation, training and quality scaling up of CLTS as has been experienced across Asia, Africa and Latin America and documented by the pioneer of CLTS and his close associates. This book has an enormous scope of assisting the governments, NGOs and other major actors of the developing nations to fast-track their efforts of achieving ODF national status, which will culminate into achieving SDG 6.2, in order to become an ODF world.

April 2018

220 pp, 6 x 9

Paper, 978 1 85399 76 3

\$49.95 (\$5)



Fairtrade Impacts

Lessons from around the world

Valerie Nelson

Fairtrade goods are claimed to empower producers, and promote sustainable livelihoods, and it is these claims that attract consumers who willingly pay a premium for the sake of the benefits that they expect will be experienced by smallholders in developing countries. But what is the evidence for these improved impacts? How are these benefits measured, and what would be realistic expectations of the degree to which Fairtrade and other sustainability standards can tackle rural poverty in developing countries? Does Fairtrade exclude some groups or geographical regions? Do we know that benefits to smallholders reach their hired laborers? How can Fairtrade and other sustainability standards learn from empirical impact studies to reflect upon their theories of change and improve their impact?

Exploring the impacts of Fairtrade presents a series of rich, detailed case studies from the field distilling insights and lessons about the contribution of Fairtrade and sustainability standards to different social groups in particular geographies. The book seeks to contribute to the lively debate on the impact of such schemes by showing the diverse outcomes and impacts that such schemes have as they are adopted or implemented in different geographical production and value chain contexts around the world.

Now Available

144 pp, 6 x 9

Paper, 978 1 85399 07 7

\$31.95 (S5)

**Gender, Monitoring, Evaluation and Learning**

Caroline Sweetman and Kimberly Bowman

This book helps gender and development practitioners to understand how to 'square the circle' and manage pressure to report on results, while drawing on women's own perceptions of their lives and gender power relations to highlight areas where economic empowerment cannot deliver the changes needed. Development organizations of all kinds should be looking for the best value for money, using analysis to understand the complex scope of the change needed and allocate their scarce resources (time, attention and money) to genuinely support women living in poverty. MEL can be used to help guide practitioners in taking decisions responsibly and well, by holding their own organizations to account, and contributing to knowledge which will provide a foundation for better work in future.

Now Available

176 pp, 6 x 9

Paper, 978 1 85399 03 3

\$37.95 (S5)

**Managing for Sustainable Development Impact**

An integrated approach to planning, monitoring and evaluation

Cecile Kusters and Karen Batjes

The development landscape has changed significantly over the last few decades, becoming increasingly complex. Many of the issues we face today such as climate change, poverty and conflict, call for a new way of doing business. This guide shows leaders and development practitioners how to navigate this complexity and manage their initiatives/organizations successfully towards sustainable development impact. The *Managing for Sustainable Development Impact* (M4SDI) approach presented in this guide is an integrated, results-oriented management approach, which can be used across a range of sectors and domains in a variety of contexts, and aims to contribute towards the Sustainable Development Goals. It addresses some of the most pressing concerns, such as engaging primary stakeholders, designing effective strategies and related M&E, focusing on capacity development, and responding to change in a complex context.

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Managing Humanitarian Innovation

The cutting edge of aid

Eric James

The challenges facing humanitarian logistics are huge. Refugee camps present enormously challenging environments in which sudden spikes in demand, difficult to access locations, disruptions due to conflict or disasters, as well as normal supply chain problems are commonplace. This means that orders for medical and other supplies can take weeks and sometimes months to fulfill, severely impeding humanitarian operations. There is also a lack of or slow adoption of technology routinely used elsewhere. In addition, humanitarian logistics are also expensive. When customs clearance, transportation, storage, middlemen and administration are added in, the costs of basic items are often exorbitant.

This book brings together the real experience of practitioners who have made innovation work. It is a collaborative work written by and for the community of people involved in humanitarian innovation, in particular in the making and manufacturing of humanitarian supplies. The book is full of practical and actionable points of value to the humanitarian community.

January 2018

172 pp, 6 x 9

Paper, 978 1 85399 54 1

\$33.95 (S5)



Minimum Economic Recovery Standards 3rd Edition

The SEEP Network

A major shift has taken place in the field of humanitarian assistance. This shift includes greater awareness of the key role markets play in assisting affected populations to recover from shocks. In parallel with emergency efforts to meet basic human needs for shelter, water, food, and health services, economic recovery assistance is needed as economies continue to function during a crisis. In the past, economic development was treated as a later stage activity with little or no coordination between relief and development. Based on a consensus across a broad range of aid agencies, humanitarian actors today are promoting livelihoods support to help affected populations make a living and meet their own basic needs.

The *Minimum Economic Recovery Standards*, developed and revised through the joint efforts of more than 90 agencies and over 175 practitioners, represent an industry consensus on economic recovery for the humanitarian sector. The MERS have become well recognized and accepted as an industry standard providing key actions, key indicators, and guidance notes to enhance the effectiveness of organizations working to support the economic recovery of crisis-affected populations. The standards highlight strategies designed to promote enterprise and market systems development, asset distribution, financial services, and

employment in areas affected by conflict or disaster.

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Participatory Development Practice

Using Traditional and Contemporary Frameworks

Anthony Kelly and Peter Westoby

From indigenous people's groups to classroom teachers, community workers and international development workers, comes the desire to build community. *Participatory Development Practice* provides a theoretical and applied base for rethinking development practice that is deeply influenced by a 'community' development tradition, yet is broader, as it links the intra-personal dimension to the participatory, dialogical, community and international dimensions. The book is framed conceptually as implicate method (starting with self), micro (relational), mezzo (group), macro (structuring the work within people's organizations) and meta (the local-global dimension).

May 2018

272 pp, 6 x 9

Paper, 978 1 85399 99 2

\$49.95 (S5)



Poor People's Energy Outlook 2017

Financing national energy access: a bottom-up approach

This edition is the second in a new suite of three PPEOs which takes the Total Energy Access framework developed in previous editions and illustrates how it can be operationalized in terms of planning, energy planning (2016), financing (2017) and delivering at scale (2018).

December 2017

140 pp, 6 x 9

Paper, 978 1 85399 83 1

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Smallholder Agriculture and Market Participation

Lessons from Africa

Nigel Poole

Small-scale agriculture is the main livelihood of the majority of the world's rural poor.

Smallholder farmers in the global South play a crucial role in maintaining biodiversity, as well as contributing to food security in their countries. However, they need to be connected to markets to see sustained rises to their incomes and food availability.

Smallholder Agriculture and Market Participation discusses the evolution of policies for smallholder development, including the role of value chains. Poor farmers face steep barriers to participation in different types of markets, including the lack of financing, and the unwillingness of commercial finance organizations to lend to

remote, dispersed, small-scale farming households. Newer, innovative financial mechanisms and linked initiatives are outlined, and their potential to improve the availability of financial services and reduce market transaction costs. Risk management for agricultural smallholders is covered, together with the increasing role of insurance as a mechanism for risk management among smallholders.

December 2017

172 pp, 6 x 9

Paper, 978 1 85399 41 1

\$33.95 (\$5)



COMPUTER SCIENCE & COMPUTER ENGINEERING

Certifications of Critical Systems – The CECRIS Experience

Edited by Andrea Bondavalli and Francesco Brancati

In recent years, a considerable amount of effort has been devoted, both in industry and academia, to the development, validation, and verification of critical systems, i.e. those systems whose malfunctions or failures reach a critical level both in terms of risks to human life as well as having a large economic impact.

This collection documents the main insights on Cost Effective Verification and Validation processes that were gained during work in the European Research Project CECRIS (Certification of Critical Systems). The

objective of the research was to tackle the challenges of certification by focusing on those aspects that turn out to be more difficult/important for current and future critical systems industry: the effective use of methodologies, processes, and tools.

Starting from both the scientific and industrial state of the art methodologies for system development and the impact of their usage on the verification and validation and certification of critical systems, the project aimed at developing strategies and techniques supported by automatic or semi-automatic tools and methods for these activities, setting guidelines to support engineers during the planning of the verification and validation phases.

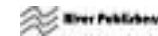
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Cognitive Hyperconnected Digital Transformation

Internet of Things Intelligence Evolution

Edited by Ovidiu Vermesan and Joel Bacquet

This book provides an overview of the current Internet of Things (IoT) landscape, ranging from research, innovation, and development priorities to enabling technologies in a global context. It is intended as a standalone book in a series that covers the Internet of Things activities of the IERC— Internet of Things European Research Cluster— including both research and technological innovation, validation, and deployment.

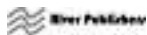
The book builds on the ideas put forward by the European Research Cluster, the IoT European Platform Initiative (IoT-EPI), and the IoT European Large-Scale Pilots Programme, presenting global views and state-of-the-art results regarding the challenges facing IoT research, innovation, development, and deployment in the next years.

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Cryptography

William J. Buchanan

Cryptography has proven to be one of the most contentious areas in modern society. For some, it protects the rights of individuals to privacy and security. For others, it puts up barriers against the protection of our society. This book aims to develop a deep understanding of cryptography and provide understanding of how privacy, identity provision, and integrity can be enhanced with the usage of encryption.

The book has many novel features including: full provision of web-based material on almost every topic covered; provision of additional on-line material such as videos, source code, and labs; and coverage of emerging areas such as Blockchain, Light-weight Cryptography, and Zero-knowledge Proofs.

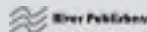
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Cyber-Physical Systems

Decision Making Mechanisms and Applications

Kostas Siozios, Dimitrios Soudris and Elias Kosmatopoulos

As systems continue to evolve they rely less on human decision-making and more on computational intelligence. This trend, in conjunction with the available technologies, for providing advanced sensing, measurement, process control, and communication lead towards the new field of the CyberPhysical System (CPS).

CyberPhysical systems are expected to play a major role in the design and development of future engineering platforms with new capabilities that far exceed today's levels of autonomy, functionality and usability.

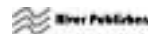
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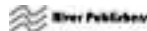
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Datacenter Connectivity Technologies

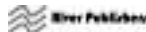
Principles and Practice

Edited by Frank Chang

This book provides a comprehensive and in-depth look at the development of various optical connectivity technologies which are making an impact on the building of data centers. The technologies span from short range connectivity, as low as 100 meters with multi-mode fiber (MMF) links inside data centers, to long distances of hundreds of kilometers with single-mode fiber (SMF) links between data centers.

February 2018**River Publishers Series in Optics and Photonics****250 pp, 6 1/8" x 9 1/5"****Cloth, 978 87 93609 22 8****\$95.00 (\$6)****High Efficiency Video Coding and Other Emerging Standards****K. R. Rao, J. J. Hwang and D. N. Kim**

This book provides an overview of high efficiency video coding (HEVC) and all its extensions and profiles. There are nearly 300 projects and problems included and about 400 references related to HEVC alone. Next generation video coding (NGVC) beyond HEVC is also described. Other video coding standards such as AVS2, DAALA, THOR, VP9 (Google), DIRAC, VC1, and AV1 are addressed, and image coding standards such as JPEG, JPEG-LS, JPEG2000, JPEG XR, JPEG XS, JPEG XT, and JPEG-Pleno are also listed.

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\$95.00 (\$6)**Recent Wireless Power Transfer Technologies via Radio Waves****Edited by Naoki Shinohara**

There are various WPT technologies, e.g. inductive near field WPT, resonance coupling WPT, WPT via radio waves, and laser power transfer. This book focuses on recent technologies and applications of the WPT via radio waves in far field. The book also covers the history, and future, of WPT via radio waves, as well as safety, EMC and coexistence of radio waves for WPT.

February 2018**River Publishers Series in Communications****250pp, 6 1/8" x 9 1/5"****Cloth, 978 87 93609 24 2****\$95.00 (\$6)**

ENGINEERING

A First Course in Control System Design**Kamran Iqbal**

Control systems are pervasive in our lives. Our homes have environmental controls. The increase of automation in the past few decades has increased our reliance on control systems.

This book discusses control systems design from a model-based perspective as applicable to single-input single-output

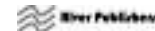
systems. The emphasis in this book is on understanding and applying the techniques that enable the design of effective control systems. The book covers the time-domain and the frequency-domain design methods as well as the design of continuous-time and discrete-time systems.

Now Available**River Publishers Series in Automation, Control and Robotics****200 pp, 6 1/8" x 9 1/5"****Cloth, 978 87 93609 05 1****\$95.00 (\$6)****Iqbal: University of Arkansas at Little Rock****INCOBAT**

Innovative Cost Efficient Management System for Next Generation High Voltage Batteries

Edited by Eric Armengaud, Riccardo Groppo and Sven Rzepka

Electro-mobility is considered a key technology to achieving green mobility and fulfilling tomorrow's emission standards. That being said, challenges still need to be dealt with in order to achieve comparable performances to conventional vehicles and finally obtain market acceptance. Two of these challenges are vehicle range and production costs. The aim of the INCOBAT project was to provide innovative and cost efficient battery management systems for next generation HV-batteries.

February 2018**River Publishers Series in Communications****250 pp, 6 1/8" x 9 1/5"****Cloth, 978 87 93609 24 2****\$95.00 (\$6)**

Systems, Cybernetics, Control, and Automation

Ontological, Epistemological, Societal, and Ethical Issues

Spyros G. Tzafestas

Systems, cybernetics, control, and automation (SCCA) are four interrelated and overlapping scientific and technological fields that have contributed substantially to the development, growth, and progress of human society. A large number of models, methods, and tools were developed that assure high efficiency of SCCA applied to practical situations. The real-life applications of SCCA encompass a wide range of man-made or biological systems, including transportation, power generation, chemical industry, robotics, manufacturing, cybernetics organisms (cyborgs), aviation, economic systems, enterprise, systems, medical/health systems, environmental applications, and so on. The SCCA fields exhibit strong influences on society and raise, during their use and application, many ethical concerns and dilemmas.

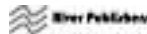
This book provides a consolidated and concise overview of SCCA in a single volume for the first time, focusing on ontological, epistemological, social impact, ethical, and general philosophical issues. It is appropriate for use as independent reading by students and scientists or in engineering courses as a convenient tutorial source providing fundamental conceptual and educational material on these issues.

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TOURISM

Global Climate Change and Coastal Tourism

Recognizing Problems, Managing Solutions, Future Expectations

Edited by Andrew Jones and Michael Phillips

Climate Change and Coastal Tourism includes case studies on climate change and coastal tourism that explore current threats to and consequences of climate change on existing tourism coastal destinations. It assesses management and policy options for the future sustainability of threatened tourism coastal destinations. The cases discussed are from all regions of the world: Europe, The Americas, Asia, Africa, and Australasia. The book synthesizes findings to make recommendations that can be used to promote strategies that ameliorate projected impacts of climate change on coastal tourism infrastructure and in turn promote the future sustainability of coastal tourism destinations.

December 2017

336 pp, 6 3/4" x 9 3/5"

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\$140.00 (S6)



Local Identities and Transnational Cults within Europe

Edited by Fiorella Giacalone and Kevin A. Griffin

Local-level pilgrimages, when based on strong expressions of faith, can have a much wider local, regional and international appeal. This book explores the central role of ordinary people in the popularization of faith-based practices, thus, illustrating religious tourism as an expression of cultural identity, the interrelationship of cultural groups and the overall formation of culture and society.

Illustrated through a range of multidisciplinary, sociological and ethnographic studies on the evolution of pilgrimage sites and saints, the book deals with a range of theoretical issues and themes. In addition, practical case studies and illustrations of religious tourism and pilgrimage development from a variety of international perspectives, provide scholars, students and local policy makers with a general collection of current perspectives on the growth, development and evolution of faith practices surrounding contemporary and historical sites and saints.

June 2018

CABI Religious Tourism and Pilgrimage Series

176 pp, 6 3/4" x 9 3/5"

Cloth, 978 1 78639 252 7

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The Many Voices of Pilgrimage and Reconciliation

Edited by I.S. McIntosh and L.D. Harman

Reviewing peace and reconciliation, secular pilgrimages, and international perspectives on sacred journeys, this book offers the reader an opportunity to encounter multiple voices and viewpoints on one of the most ancient practices of humankind. With an estimated third of all international travellers now undertaking journeys anticipating an aspect of transformation (the hallmark of pilgrimage), this book includes both spiritual and non-spiritual voyages, such as journeys of self-therapy, mindfulness and personal growth. It also:

- Provides a multidisciplinary perspective, covering themes such as gender, human rights, equality, the environment, peace, history, literature, and politics
- Reflects the rich diversity and multiple meanings of pilgrimage through an international writer team spanning four continents
- Includes case studies of pilgrimage in action from around the world

An innovative and engaging addition to the pilgrimage literature, this book provides an important resource for researchers of religious tourism and related subjects.

December 2017

CABI Religious Tourism and Pilgrimage Series

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Religious Pilgrimage Routes and Trails

Sustainable Development and Management

Edited by A. Trono and D. H. Olsen

For millennia people have travelled to religious sites for worship, initiatory, and even leisure purposes. Today there are hundreds, if not thousands, of religious pilgrimage routes and trails around the world that are used by pilgrims as well as tourists. Indeed, many religious pilgrimage routes and trails are today being used as themes by tourism marketers in an effort to promote regional economic development.

The is the first book to provide a holistic approach with case studies drawn from different regions across the world. The first section includes the introductory chapter to the book as well as four chapters that highlight the conceptual themes including:

- Sustainable Local Development
- Regional Economic Development
- Heritage Identity and Management
- Environment and Sustainability

The second section of the book includes case study pilgrimage route/trails from different world regions.

June 2018

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Olsen: Brigham Young University

Risk and Safety Challenges for Religious Tourism and Events

Edited by Maximiliano Korstanje, Kevin A. Griffin and Razaq Raj

In recent times travellers are facing many challenging manifestations in the form of terrorism, risk and safety issues. This book focuses in particular on the risk and safety atrocities faced by holy visitors.

Human stampedes during religious festivals are identified as a major hazard that occurs during mass gathering events in Saudi Arabia, India, Bangladesh and other parts of the world, while annual religious festivals and events are commemorated with mass gatherings which last from hours to days. Management to mitigate crowd disasters at mass gathering events and festivals has not been fully researched, but is becoming increasingly important, with these large crowds affecting the level and type of disaster management plan required by all stakeholders. This book critically examines these issues, and provides a valuable reference for those studying within religion and events, as well as event organizers, emergency and hospital services, and local authorities.

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Service Failures and Recovery in Tourism Hospitality

A Practical Manual

Edited by **E. Koc**

Tourism and hospitality services are highly prone to service-failure due to a high level of customer-employee contact and the inseparable, intangible, heterogeneous and perishable nature of these services.

This book with its extensive coverage of the literature, presents an invaluable source of information for academics, students, researchers and practitioners. In addition to its extensive coverage of the literature in terms of recent research published in top tier journals, chapters in the book contain student aids, real-life examples, case studies, links to websites and activities alongside discussion questions and presentation slides for in-class use by teaching staff.

December 2017

232 pp, 6 3/4" x 9 3/5"

Cloth, 978 1 78639 067 7

\$135.00 (S6)



Strategic Management in Tourism

THIRD EDITION

Edited by **Luiz Moutinho and A. Vargas-Sanchez**

This comprehensive textbook has, at its core, the importance of linking strategic thinking with action in the management of tourism. It provides an analytical evaluation of the most important global trends as well as an analysis of the impact of crucial environmental issues

and their implications.

Fully updated throughout, this new edition: covers forecasting, functional management, and strategic planning; includes extra chapters to incorporate a wider spread of important topics such as sustainability, authenticity, and crisis management; and contains pedagogical features throughout such as learning objectives, questions, and case studies.

Now in its third edition and reviewing the major factors affecting international tourism management, this well-established student resource provides an essential overview of strategic management for students and professionals in the tourism sector.

March 2018

328 pp, 7 1/2" x 9 5/8"

Paper, 978 1 78639 024 0

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Tour Operators and Operations

Development, Management & Responsibility

Jacqueline Holland and David Leslie

The package tour is still a key component of the tourism sector, but recently, these packages have changed from the traditional "sand, sun, and sea" to a shift in composition involving a myriad of niche products. In addition, a major increase in tour operator activity in the major emergent economies of the world has been witnessed.

With a focus on the creation and distribution of packaged holidays, this text covers the fundamentals of business and the

relationship between the operators and destinations, with particular reference to the sustainability of both parties. International cases studies are included throughout.

January 2018

256 pp, 7 1/2" x 9 5/8"

Paper, 978 1 78064 823 1

\$50.00 (S6)



Tourism and Leisure Behaviour in an Ageing World

Ian Patterson

Tourism and Leisure Behaviour in an Ageing World, based on Ian Patterson's previously published *Growing Older*, provides an overview of the latest research concerning tourist behavior and leisure needs of baby boomers, seniors, and older adults. With an increasingly ageing population, industry interest has intensified and there has been a corresponding explosion in related research activity.

Covering trends in the market place that are attracting the older market, this new edition:

- Provides an understanding of the older tourism and leisure market, discussing how to effectively provide for this expanding group;
- Discusses growing areas such as independent travel, the leisure experience, cultural and heritage tourism, cruises, and health and wellness tourism;
- Supplies case studies of tourism and leisure organizations successfully catering to the needs of the older market.

(continued overleaf)

ACADEMIC AND PROFESSIONAL TITLES

This book is an invaluable resource for researchers and students interested in senior leisure and travel, a section with the money and the time to invest heavily in leisure and tourism activities. It can also be applied by professionals to improve their product offerings for this sector that, while valuable, brings its own unique challenges.

February 2018

240 pp, 6 3/4" x 9 3/5"

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Tourism Management in Warm-water Island Destinations

Edited by Michelle McLeod and Robertico Croes

Warm-water island destinations face unprecedented adjustment challenges in the wake of the increasing process of globalization and are in search of appropriate policy responses. It is critical for these islands to understand how these challenges affect tourism performance and impact their residents. This book provides a platform for emerging systemic perspectives of the various aspects of island tourism concerning these global challenges with the view that strategies for the management and development of tourism in island environments can be improved. Several chapters focus on Cuba and the potential impacts of its reinsertion in the tourism landscape of the Western Hemisphere.

February 2018

CABI Tourism Management and Research Series

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McLeod: University of the West Indies

Croes: University of Central Florida

Transforming Travel

Realising the Potential of Sustainable Tourism

J. Smith

Transforming Travel combines stories from leading companies, interviews with pioneers and thinkers, along with thorough analysis of the industry's potential to make lasting, positive change.

- A unique collection of case studies and stories of the most successful, inspirational, impactful and innovative travel businesses in the world.
- A vital presentation of the latest research and statistics on the positive impacts and potential of transformative, sustainable tourism.
- A positive and realistic vision of the scope of tourism to promote sustainable development at a time when travel and interaction with foreign cultures is facing numerous existential challenges.

Written in a highly engaging style *Transforming Travel* presents an urgent argument for transforming tourism so it might reach its potential to promote tolerance, restore communities and regenerate habitats, while providing a vital guide for anyone looking to develop the successful sustainable tourism enterprises and destinations needed to do so.

February 2018

128 pp, 6 1/8" x 9 1/5"

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PUBLIC HEALTH & MEDICINE

WHO Classification of Tumours of Haematopoietic and Lymphoid Tissues

FOURTH EDITION, Revised

S. Swerdlow, E. Campo, N. L. Harris, E. S. Jaffe, S. A. Pileri, H. Stein, J. Thiele, D. Arber, R. Hasserjian and M. Le Beau

WHO Classification of Tumours of Haematopoietic and Lymphoid Tissues is a Revised Fourth Edition of the WHO series on histological and genetic typing of human tumours. This authoritative, concise reference provides an international standard for oncologists and pathologists and will serve as an indispensable guide for use in the design of studies monitoring response to therapy and clinical outcome.

Diagnostic criteria, pathological features, and associated genetic alterations are described in a strictly disease-oriented manner. Sections on all recognized neoplasms and their variants further include new ICD-O codes, epidemiology, clinical features, macroscopy, prognosis, and predictive factors.

**Now Available
IARC WHO Classification of Tumours 2
586 pp, 8 1/4" x 10 5/8", 1300 color
images & tables
Paper, 978 92 832 4494 3
\$162.00 (S4)**



WHO Classification of Tumours of Endocrine Organs

FOURTH EDITION

International Agency for Research on Cancer

Edited by Ricardo V. Lloyd, Robert Y. Osamura, Gunter Kloppel and Juan Rosai

The WHO Classification of Tumours of Endocrine Organs is the 10th volume in the 4th Edition of the WHO series on histological and genetic typing of human tumours. This authoritative, concise reference provides an international standard for oncologists and pathologists and will serve as an indispensable guide for use in the design of studies evaluating response to therapy and clinical outcome.

Diagnostic criteria, pathological features, and associated genetic alterations are described in a disease-oriented manner. Sections on all recognized neoplasms and their variants include new ICD-O codes, epidemiology, clinical features, pathology, genetics, prognosis, and predictive factors.

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World Health Statistics 2017

Monitoring Health for the Sustainable Development Goals (SDGs)

World Health Organization

World Health Statistics 2017 compiles data on 21 health-related Sustainable Development Goals (SDG) targets with 35 indicators as well as data on life expectancy. This edition also includes, for the first time, success stories from several countries that are making progress towards the health-related SDG targets.

It is organized into three parts. Part 1 describes six lines of action that WHO is now promoting to help build better systems for health and to achieve the health and health-related SDGs. In Part 2, the status of selected health-related SDG indicators is summarized at both global and regional level based on data available as of early 2017. Part 3 presents a selection of stories that highlight recent successful efforts by countries to improve and protect the health of their populations through one or more of the six lines of action. Annexes A and B present country-level estimates for selected health-related SDG indicators.

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\$36.00 (S6)



Managing Complications in Pregnancy and Childbirth

A Guide for Midwives and Doctors

SECOND EDITION

World Health Organization

This new edition brings the manual's guidance in line with WHO's current recommendations for emergency obstetric and newborn care.

While most pregnancies and births are uneventful, all pregnancies are at risk. Around 15% of all pregnant women will develop a potentially life-threatening complication that calls for skilled care, and some will require a major obstetrical intervention to survive. This manual is written for midwives and doctors at district hospitals who are responsible for the care of women with complications of pregnancy, childbirth, or the immediate postpartum period, including immediate problems of the newborn.

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488 pp, 6 1/4" x 8 1/4"

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\$96.00 (S6)



ACADEMIC AND PROFESSIONAL TITLES

Preventing Drowning

An Implementation Guide

World Health Organization

This guide provides practical steps to reduce drowning— one of the world's most preventable, neglected, and pressing public health issues. Through 10 evidence-based interventions and strategies, it is designed to help drowning-prevention practitioners—from nongovernmental organizations and researchers to government officials and policy-makers— approach drowning prevention in a strategic, evidence-based, and multisectoral way. It also highlights ways to harness public awareness and engagement to strengthen drowning prevention interventions.

Now Available**112 pp, 8 1/4" x 11 3/4"****Paper, 978 92 4 151193 3****\$36.00 (S6)****Artificial Tanning Devices**

Public Health Interventions to Manage Sunbeds

World Health Organization

Skin cancer is the most common form of cancer among light-skinned populations. The chief environmental cause of skin cancer is ultraviolet radiation (UVR). UVR exposure comes mainly from the sun, but over the past three decades, there has been an increase in the use of artificial sources of UVR in the form of artificial tanning devices such as sunbeds, stand up booths, and facial tanners. This deliberate exposure to UVR for cosmetic purposes is increasing the incidence

of the major types of skin cancer and driving down the age of first appearance.

This document is intended for government health authorities to assist in the development of public health interventions in relation to the use and management of sunbeds. The document provides a summary of health effects as well as a catalog of interventions that have been used to reduce risks associated with artificial tanning. It is supplemented by a WHO database on sunbed regulations.

Now Available**42 pp, 8 1/4" x 11 3/4"****Paper, 978 92 4 151259 6****\$24.00 (S6)****Colposcopy and Treatment of Cervical Precancer****Walter Prendiville and Rengaswamy Sankaranarayanan**

This colposcopy manual was developed in the context of the cervical cancer screening research studies of the International Agency for Research on Cancer (IARC) and the related technical support provided to national programs. It is thus a highly comprehensive manual, both for the training of new colposcopists and for the continuing education and reorientation of those who are more experienced. This manual offers a valuable learning resource, incorporating recent developments in the understanding of the etiology and pathogenesis of cervical intraepithelial neoplasia (CIN), as well as in colposcopy and cervical pathology.

Expertise in performing satisfactory, safe, and accurate colposcopic examinations

requires high competence in the technical, interpretive, and cognitive aspects, and the capability to develop pragmatic and effective management plans and treatment. This comprehensive and concise manual covers all these aspects and serves as a useful handbook for acquiring the necessary skills for the visual recognition and interpretation of colposcopic findings and for developing the personal and professional attributes required for competence in colposcopy.

Now Available**IARC Technical Reports 45****178 pp, 8 1/4" x 10 1/4"****Paper, 978 92 832 2458 7****\$24.00 (S6)****Common Minimum Technical Standards and Protocols for Biobanks Dedicated to Cancer Research****International Agency for Research on Cancer**

Biobanking has developed at a rapid pace in recent years, initiated by the drive for personalized medicine and the need for high-quality biological resources, associated data for scientific research, and technological advancement of analytical platforms for molecular and genetic research.

This book includes guidelines and recommendations for biobanks not only in high-income countries but also in low- and middle-income countries (LMICs). The recommendations are based on validated and/or evidence-based guidelines.

The book also includes sections on

sample sharing, ethical, legal, and social issues (ELSI) and harmonization guidelines that are important in supporting the collaborative research efforts that make use of biological materials. In particular, the section on open access deals with the principles of sharing and provides recommendations for biobanks in relation to sample and data sharing, which is key to establishing research collaboration. The section on governance provides guidelines on governance structures and standard templates for biobanks for transparent and effective running of the facilities.

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Evaluation of Certain Contaminants in Food

Eighty-third Report of the Joint FAO/WHO Expert Committee on Food Additives

World Health Organization

This report represents the conclusions of a Joint FAO/WHO Expert Committee convened to evaluate the safety of various contaminants or groups of contaminants in food.

The first part of the report contains a brief description of general considerations addressed at the meeting, including updates on matters of interest to the work of the Committee. A summary follows of the Committee's evaluations of technical, toxicological, and/or dietary exposure data for six contaminants or groups of contaminants (aflatoxins, 4,15-diacetoxyscirpenol, fumonisins, glycidyl esters, 3-MCPD esters and 3-MCPD, sterigmatocystin) as well as an evaluation of co-exposure of fumonisins with aflatoxins.

Annexed to the report is a summary of the toxicological and dietary exposure information as well as the Committee's recommendations on the contaminants and groups of contaminants considered at this meeting.

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A Guide to Establishing a National Haemovigilance System

World Health Organization

Haemovigilance includes the monitoring, reporting, investigation, and analysis of adverse events related to the donation,

processing, and transfusion of blood and taking actions to prevent their occurrence or recurrence. The document aims to support countries in establishing effective national systems for haemovigilance throughout the transfusion chain. It provides policy guidance on establishing a haemovigilance system as part of the national blood and health systems and includes technical information and guidance on the specific measures and actions necessary for implementing a haemovigilance system.

This document is intended for ministries of health; bodies responsible for policy-making on blood safety, such as national blood commissions or councils; regulatory agencies; public health institutions; blood transfusion services, blood centers, and plasma collection centers; hospitals, including hospital blood banks or health care facilities where transfusion takes place; blood donor organizations and other nongovernmental organizations involved in blood donor education and recruitment; patient groups; scientific and professional bodies; and developmental partners and international organizations.

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Guide to Introducing HPV Vaccine into National Immunization Programmes

World Health Organization

This document is intended for use by national immunization program managers and immunization partners involved in providing implementation support to countries.

The specific objectives of this guide are:

- To inform the policy discussions and operational aspects for the introduction of HPV vaccine into a national immunization program.
- To provide up-to-date references on the global policy as well as the technical and strategic issues related to the introduction of HPV vaccine into a national immunization program.

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World Health Organization

Guideline

Use of Multiple Micronutrient Powders for Point-of-use Fortification of Foods Consumed by Pregnant Women

World Health Organization

Member States have requested guidance from the World Health Organization on the effects and safety of the use of multiple micronutrient powders for point-of-use fortification of foods consumed by pregnant women. This guideline is intended to help Member States in their efforts to make evidence-informed decisions on the appropriate nutrition actions to improve the nutritional status of pregnant women. It will also support their efforts to achieve the Sustainable Development Goals, the global targets set by the Comprehensive implementation plan on maternal, infant and young child nutrition and the Global strategy for women's, children's, and adolescents' health 2016-2030.

The guideline is intended for a wide audience, including governments, nongovernmental organizations, healthcare workers, scientists and donors involved in the design and implementation of micronutrient programs and antenatal care services and their integration into national and subnational public health strategies and programs. This WHO guideline states that routine use of multiple micronutrient powders during pregnancy is not recommended as an alternative to standard iron and folic supplementation during pregnancy for improving maternal and infant health outcomes.

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World Health Organization

Guidelines for Treatment of Drug-susceptible Tuberculosis and Patient Care

2017 Update

World Health Organization

The update of this important in the context of the End TB Strategy, which recommends treatment and patient support for all people with TB. This update aims to use the best available evidence on the treatment of drug-susceptible TB and interventions to ensure adequate patient care and support in order to inform policy decisions made in these technical areas by national TB control program managers, national policy-makers, and medical practitioners in a variety of geographical, economic, and social settings.

The objectives of these updated guidelines are to provide updated recommendations based on newly emerged evidence on the treatment of drug-susceptible TB and patient care as well as provide a summary of changes in the new guidelines with all the existing and valid WHO recommendations on the treatment of drug-susceptible TB and TB patient care.

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World Health Organization

Human Resources for Medical Devices

The Role of Biomedical Engineers

World Health Organization

This publication addresses the role of the biomedical engineer in the development, regulation, management, training, and use of medical devices.

The first part of the book looks at the biomedical engineering profession globally as part of the health workforce: global numbers and statistics, professional classification, general education and training, professional associations, and the certification process.

The second part addresses all of the different roles that the biomedical engineer can have in the life cycle of the technology, from research and development, and innovation, mainly undertaken in academia; the regulation of devices entering the market; the assessment or evaluation in selecting and prioritizing medical devices (usually at national level); to the role they play in the management of devices from selection and procurement to safe use in healthcare facilities.

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The International Pharmacopoeia CD-ROM

SIXTH EDITION 2016

World Health Organization

The pharmacopoeia, or any part of it, shall have legal status, whenever a national or regional authority expressly introduces it into legislation. It is based on advice and decisions from the WHO Expert Committee on Specifications for Pharmaceutical Preparations.

The International Pharmacopoeia includes a collection of recommended procedures for analysis and specifications for the determination of pharmaceutical substances, excipients, and dosage forms intended to serve as source material for reference or adaptation by any World Health Organization (WHO) Member State wishing to establish pharmacopoeial requirements.

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National Health Inequality Monitoring

A Step-by-Step Manual

World Health Organization

Following a brief introduction to health inequality monitoring, the manual is organized around four main sections, each devoted to one step of health inequality monitoring. The steps form the basis of a flow chart for the practice of health inequality monitoring. In each of the four sections, an expanded version of the flow chart (which is included in full at the end of the manual) displays sub-steps, key questions, and itemized checklists of data requirements, analysis/reporting activities, and/or decision points. The fifth step, which covers how to implement changes based on the results of health inequality monitoring, is addressed in the section "Health inequality monitoring: a brief overview."

Guidance is provided through brief, practical texts, and, where applicable, sample templates. In addition, the manual outlines pertinent examples and resources at each step with recommended references for more in-depth exploration of issues related to health inequality monitoring. A glossary provides a quick reference for key terminology encountered throughout the manual.

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Edited by Jince Thomas, Sabu Thomas, Jiya Jose and Nandakumar Kalarikkal

The introduction of nanomaterials and nanotechnology has led to crucial advancements in the fields of nanomedicine and tissue engineering. This book follows recent trends in drug delivery systems, wound healing fields, cancer therapies, protection of teeth and other health care systems.

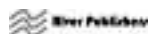
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Strategizing National Health in the 21st Century

A Handbook

World Health Organization

This handbook was designed to provide up-to-date and practical guidance on national health planning and strategizing for health. It establishes a set of best practices to support strategic plans for health and represents the wealth of experience accumulated by WHO on national health policies, strategies, and plans (NHPSPs).

WHO has been one of the leading organizations to support countries in the development of NHPSPs. The focus on improving plans has grown in recent years in recognition of the benefits of anchoring a

strong national health sector in a written vision based on participation, analysis, and evidence.

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WHO Expert Committee on Biological Standardization

Sixty-seventh Report

World Health Organization

This report presents the recommendations of a WHO Expert Committee commissioned to coordinate activities leading to the adoption of international recommendations for the production and control of vaccines and other biological substances, and the establishment of international biological reference materials.

Following a brief introduction, the report summarizes a number of general issues brought to the attention of the Committee. The next part of the report, of particular relevance to manufacturers and national regulatory authorities, outlines the discussions held on the development and revision of WHO Guidelines for a number of vaccines, blood products and related substances. Specific discussion areas included WHO guidance on the production and evaluation of the quality, safety and efficacy of monoclonal antibodies as similar biotherapeutic products (SBPs); blood and blood components as essential medicines; estimation of residual risk of HIV, HBV or HCV infections via cellular blood components and plasma; snake antivenom immunoglobulins;

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WHO Expert Committee on Drug Dependence

Thirty-eighth Report

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This report presents the recommendations of the 38th WHO Expert Committee on Drug Dependence (ECDD). The ECDD is responsible for the assessment of psychoactive substances for possible scheduling under the international drug control conventions. The ECDD reviews the therapeutic usefulness, the liability for abuse and dependence, and the public health and social harm of each substance. The ECDD will advise the Director-General of WHO to schedule or to amend the scheduling status of a substance. The Director General will, as appropriate, communicate the recommendations to the Secretary-General of the United Nations, who will in turn communicate the advice to the Commission on Narcotic Drugs.

The report summarizes the review of 12 substances and the ECDD recommendations for the scheduling of 10 substances. Furthermore, the ECDD discussion and recommendation for pre-reviews of cannabis and its component substances are included

in this report. The report also contains updates from international bodies concerned with controlled substances. It includes a summary of the follow up on the recommendations made at the previous Committee meeting and on the discussions of the prioritization of substances, surveillance systems of new psychoactive substances, and terminology. Issues identified for consideration at future Expert Committee meetings are also listed.

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WHO guidelines for selecting marker substances of herbal origin for quality control of herbal medicines:

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WHO Global Model Regulatory Framework for Medical Devices including In Vitro Diagnostic Medical Devices

World Health Organization

The Model recommends guiding principles and harmonized definitions and specifies the attributes of effective and efficient regulation to be embodied within binding and enforceable law. Its main elements refer to international harmonization guidance documents developed by the Global Harmonization Task Force (GHTF) and its successor, the International Medical Device Regulators Forum (IMDRF).

The Model outlines a general approach but cannot provide country-specific guidance on implementation. While it does not offer detailed guidance on regulatory topics, it contains references to relevant documents where further information may be found. It does not detail the responsibilities of other stakeholders such as manufacturers, distributors, procurement agencies, and health-care professionals, all of whom have roles in assuring the quality, safety, and performance of medical devices.

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WHO Guideline

Use of Multiple Micronutrient Powders for Point-of-use Fortification of Foods Consumed by Infants and Young Children aged 6-23 months and Children aged 2-12 years

World Health Organization

The use of multiple micronutrient powders for point-of-use fortification of foods has been suggested as an alternative to mitigate or overcome the constraints associated with supplementation and mass fortification. They are intended to increase the vitamin and mineral intake of infants and young children aged 6 to 23 months as well as preschool and school-age children aged 2-12 years.

This guideline is intended to help Member States and their partners in their efforts to make evidence-informed decisions on the appropriate nutrition actions to improve the nutritional status of infants and children aged 6 months to 12 years. It will also support their efforts to achieve the Sustainable Development Goals, the global targets set by the Comprehensive implementation plan on maternal, infant and young child nutrition, and the Global strategy for women's, children's and adolescents' health 2016-2030.

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WHO Guideline on the Use of Safety-engineered Syringes for Intramuscular, Intradermal and Subcutaneous Injections in Health Care Settings

World Health Organization

This guideline provides global, evidence-based recommendations on the use of safety-engineered injection devices to prevent the re-use of syringes and/or prevent needle-stick injuries in health care workers. The ultimate aim is to make injection practices safer for patients and health workers and to prevent the injection-related transmission of deadly viruses, particularly HIV, hepatitis C, and hepatitis B.

The policy recommendation aims to support Member States and development partners in making informed decisions on the appropriateness of introducing safety-engineered syringes for all injections in health care settings.

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WHO List of Priority Medical Devices for Cancer Management

World Health Organization

This is the model list and clearing house of appropriate, basic, and priority medical devices based on the list of clinical interventions selected from clinical guidelines on prevention, screening, diagnosis, treatment, palliative care, monitoring, and end of life care. This publication addresses medical devices that can be used for the management of cancer and specifically describes medical devices for six types of cancer: breast, cervical, colorectal, leukemia, lung, and prostate.

This book is intended for ministries of health, public health planners, health technology managers, disease management, researchers, policy makers, funding, and procurement agencies and support and advocacy groups for cancer patients.

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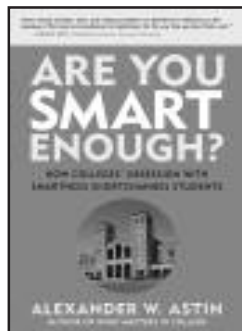
World Health Organization

The report "Monitoring tobacco use and prevention policies" tracks the status of the tobacco epidemic and interventions to combat it.

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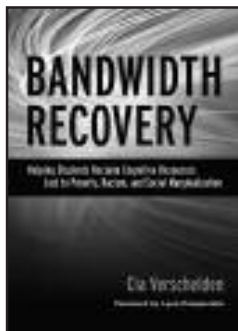
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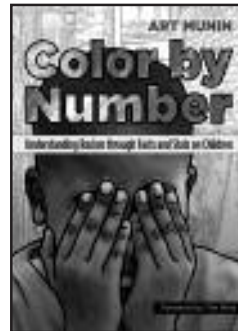
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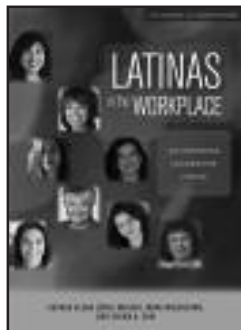
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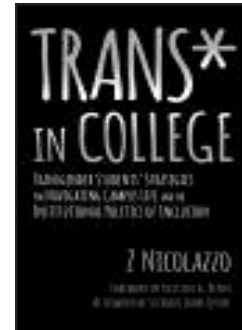
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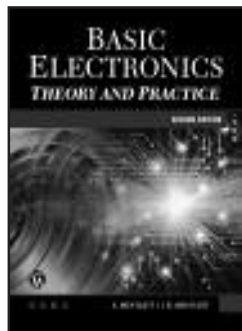
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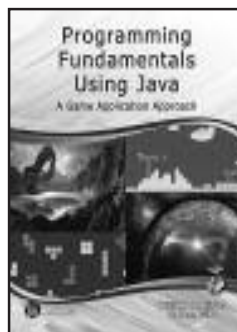
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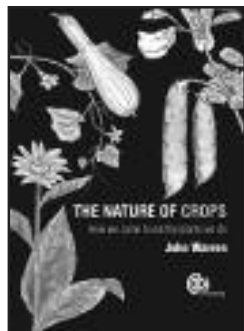
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