

REVIEW

Open Access



# Trending research topics on carbon footprint and supply chains: a bibliometric analysis based on the Scopus data (2019–2023)

Ismail Abdi Changalima<sup>1\*</sup>, Prisca Pascrates Rutatola<sup>2</sup> and Goodluck Goldian Ntangeki<sup>3</sup>

## Abstract

This study analyzes the publication trend, most active contributors, most influential publications and trending research topics on the current context of carbon footprint and supply chains. The study conducted a bibliometric analysis of 809 documents retrieved from Scopus, published between 2019 and 2023, to identify trends, contributors, top publications, and trending topics. With the help of Harzing's Publish or Perish and VOSviewer, the study employed performance analysis and keyword co-occurrence analysis. The study reveals an upward trajectory in the number of publications in this research domain. Additionally, the study identifies several themes through keyword co-occurrence analysis, including "the application of regulatory mechanisms and game theory in carbon emission reductions," "strategies and mechanisms for enhancing low-carbon initiatives within supply chains," "the development and optimization of sustainable supply chain systems to reduce carbon emissions," "the use of simulation and optimization models for CO<sub>2</sub> emission reduction in supply chain and logistics operations," "financial legislation and mechanisms for improving carbon emission reductions," "the impact of logistics and supply chain operations on carbon emissions and climate change," and "the carbon footprint in supply chains and cold chain logistics operations." This review emphasizes the need of adopting low-carbon technologies to enhance sustainable practices within supply chains. The study highlights the role of advanced technologies in efforts linked to carbon reduction. The study also advocates for a multifaceted policy approach, including encouraging innovation, and implementing financial mechanisms to reduce carbon emissions, especially in logistics and supply chain operations.

**Keywords:** Carbon footprint, Carbon emission, Supply chains, Sustainable supply chain, Low-carbon supply chain, Bibliometrics

## Introduction

Over the past years, environmentalists, academics, and various stakeholders have increasingly focused on environmental impacts and climate change concerns. This is intriguing as the negative impact on the environment

affect biodiversity and human operations on Earth. It has been reported that carbon emissions account for the largest portion of global emissions [1, 2]. Despite efforts being made to address this issue, academics continue to express concerns. Their concerns show that environmental aspects need to be more focused on with efforts from the government, customers, and businesses [3–10]. This triggers aspect related to carbon footprint, which refers to the overall quantity of greenhouse gases, mainly carbon dioxide, released directly or indirectly through human activities [11]. Measuring and managing carbon emission is crucial for reducing environmental impacts and addressing climate change [12–15].

\*Correspondence:  
Ismail Abdi Changalima  
changalima@gmail.com

<sup>1</sup> The University of Dodoma, Dodoma, United Republic of Tanzania

<sup>2</sup> The Local Government Training Institute, Dodoma, United Republic of Tanzania

<sup>3</sup> College of Business Education, Dar Es Salaam, United Republic of Tanzania

# Carbon Footprint Trending

**L Darling-Hammond**



## **Carbon Footprint Trending:**

**Ecological Economics Research Trends** Carolyn C. Pertsova, 2007 This new book presents important research in the field of ecological economics which is a trans disciplinary field of academic research that addresses the dynamic and spatial interdependence between human economies and natural ecosystems Ecological economics brings together and connects different disciplines within the natural and social sciences but especially between these broad areas Ecological economics presents a more pluralistic approach to the study of environmental problems and policy solutions characterised by systems perspectives adequate physical and biological contexts and a focus on long term environmental sustainability Future Trends in Modern Plastics Johannes Karl Fink, 2024-04-02 Future Trends in MODERN PLASTICS The prolific author and polymer scientist discusses the current topics in the plastics industry and recommends future research in sustainable polymers and the recycling routes of plastic waste The book opens with a chapter discussing newly developed monomers such as alkylene based monomers epoxide monomers diol based monomers bio based monomers and several other types Modern polymerization methods are then explained such as ionic polymerization plasma polymerization and ring opening polymerization The book moves on to special issues and some future trends in the plastics industry with recommendations for future research Plastics have given society enormous benefits because of their versatility light weight durability and low costs However these properties have come with negative impacts because these persistent materials are leaked into the environment during their entire life cycle Therefore critical chapters report on the future directions for sustainable polymers the valorization of plastic waste and the recovery treatment and recycling routes of plastic waste The book concludes with chapters on the usage of plastics in medical devices as well as the use of plastics in restoration food applications additive classes and manufacturing Audience The book will be used by plastics engineers chemists polymer and materials scientists in both academia and the plastics industry **Current Trends in Environmental Psychology, volume I, 2nd edition** Giuseppe Carrus, Eugenio De Gregorio, Frederica Caffaro, Sabine Pirchio, Lorenza Tiberio, 2023-07-18 This Research Topic is linked to the 3rd International Conference of Environmental Psychology ICEP 2021 to be held in Siracusa Italy 4 9 October 2021 The ICEP is one of the most important scientific events in the global community for experienced scholars junior researchers and professionals working in the field of Environmental Psychology across the world Submissions to this Research Topic welcome but are not limited to works that have been presented on site and virtually at the ICEP 2021 Research Topic articles will be published immediately once accepted in the journal This Research Topic aims to promote the scientific debate over the most recent empirical findings and theoretical advances in Environmental Psychological science and to build evidence based knowledge and innovative approaches to understand the relationship between humans and their socio physical environments It aims at hosting empirical and theoretical works that contribute at advancing our scientific knowledge on some of the most urgent challenges of contemporary human society RECENT TRENDS IN CHEMICAL

SCIENCES AND ENVIRONMENTAL SCIENCE Dr. Azad Kumar, Dr. Rajesh Kumar Singh, Dr. Yashvant Rao, 2021-11-18 Our intention in publishing this book was to discuss and interpret all of the major issues in the chemical and environmental science disciplines because this book covers such a broad range of chemical and environmental science research area. Rather we have selected the themes and challenges, briefly defined them, and demonstrated how they connect, clarified the terminology, and indicated where further research may be accessed. We hope that the result is an excellent introduction to chemical and environmental science. It is primarily aimed towards researchers in chemical science and related fields, but it should be accessible to new researchers as well. We have explored in more depth on issues that have received little attention elsewhere. There are several useful sources for topics such as chemical science, environmental science, nanotechnology, ionic liquids, solid waste management, photodegradation, Nanomaterial adsorption of hazardous metals, and conducting polymers. However, we attempted to provide up to current knowledge; we are well aware that books may soon go out of date if they seek to provide too much detail, so we concentrated on basic concepts that should not go out of fashion too quickly. Our book differs somewhat from other texts in the chemical and environmental sciences in its concentration. We have focused on ideas and theories because we feel that a solid grasp of them will be more useful in the long run than specifics of present systems, services, and approaches. We have also highlighted the dimension since we feel it is critical to understand where the discipline and its components originated from and why some things are the way they are. This approach is based on the research with several references provided at the end of each chapter for convenience. Our intention is that the content of this book will be sufficient to provide a fundamental knowledge of the entire field and that readers will refer to the references for more information and examples of the parts of which they are most interested. The conclusion words and captions, as well as the important references at the conclusion of each chapter, are intended to present the main points in a factual way.

**Environmental and Economic Impacts of Decarbonization** Óscar Dejuán, Manfred Lenzen, Maria Ángeles Cadarso, 2017-07-31 On December 12th 2015 at the United Nations Conference on Climate Change held in Paris 195 countries adopted the first ever universal and legally binding climate deal. They agreed to decarbonize the economy in order to hold the increase in the global average temperature to well below 2°C relative to the preindustrial levels. Although each country is free to design its own strategy on mitigation and adaptation, it will be bound to such strategy and is supposed to implement the bulk of the adjustments by 2050. Many questions arise from the Paris Agreement that point to a second Industrial Revolution. What are the required changes in the structure of production and in the patterns of consumption? What will be their impacts on emissions, employment, and international trade? This book answers these questions from a variety of input-output models able to compute the impacts on specific sectors and regions. This volume has 17 chapters written by 52 co-authors who are specialists in input-output analysis and environmental sustainability. They come from 24 universities, research centers, and international agencies all over the world, sharing their commitments to explain important and complex

ideas in a way that is understandable to the non experts and experts alike Environmental and Economic Impacts of Decarbonization is a very important read for those who study environmental economics climate change and ecological economics Sustainability as a Trend in Fashion Industry. An Empirical Study about Changing Consumer Behaviour Dagmar Cyrklaff,2017-06-14 Master s Thesis from the year 2017 in the subject Business economics Offline Marketing and Online Marketing grade 1 7 University of Applied Sciences Berlin course International Marketing language English abstract A trend in society to take care of environmental issues is observed and the generation born around the millennium shift between 1980 and 2000 so called generation Y became a growing consumer market in Germany Fashion is one of the most consumed segments by the Millennials who value transparent production and are sensitive to environmental issues at the same time This study seeks to provide a current status of the generation Y s knowledge attitude and behaviour in regards to fashion consumption with the impact of sustainability A literature review and an online survey have been conducted to analyse the consumer behaviour of 84 Generation Y consumers aged 17 to 37 in 2017 The major result shows that there is no significant difference in attitude and behaviour towards a sustainable development between consumers that live a conscious life and conventional consumers Sustainability as a topic has reached Millennials who should further deepen their knowledge in order to foster a sustainable development in fashion **How to Reduce Your Carbon Footprint** Joanna Yarrow,2008 How to Reduce Your Carbon Footprint is the world citizen s guide to pushing back the advance of global warming This colorful handbook offers 500 practical easily achievable ideas that conserve energy prevent pollution and save money Did you know that unplugging appliances and cell phone chargers when not in use can reduce electricity bills by 10 percent Or that recycling just one glass bottle saves enough power to run a computer for 30 minutes Whether the subject is jet travel dish washing or any of the 50 topics in the book surprising statistics and innovative graphics will inspire action and demonstrate that simple habits can lead to big results Amazon com **Global Trends in Sustainable Energy Investment** ,2010 The report provides an overview of capital flows and an analysis of the trends in sustainable energy investment activity *Green Trends in Mechanical Engineering* S.R. Jayaram,Lingappa M. Shashank,Y. M. Shashidhara,M.S. Srinath,2019-11-01 International Conference on Green Trends in Mechanical Engineering Sciences ICGTMES Selected peer reviewed papers from the International Conference on Green Trends in Mechanical Engineering Sciences ICGTMES October 3 5 2018 Karnataka India **Kenya T21 Model** Kenya. Ministry of State for Planning, National Development, and Vision 2030,Kenya. Ministry of Environment and Mineral Resources,2012 **2012 Natural Gas Market Trends** Leon D. Brathwaite,2012 **National Coffee Drinking Trends Through ...** ,2010 *2017 Natural Gas Market Trends and Outlook* Melissa Jones,2018 **2016 Regional Trends Report** Jun Tian (Economist),Sean Ratka,Kimberly Roseberry,2016 The 2016 Regional Trends Report on Energy for Sustainable Development in Asia and the Pacific supports the implementation of the SDG7 and outcomes of the Asian and Pacific Energy Forum 2013 **Social Trends** ,2010 *Minnesota Economic Trends*

,2009-12    *Trends magazine* ,1988  
*Energy Trends* ,2012

**Recent Trends of Law & Regulation in Korea** ,2016

Wine Enthusiast ,2008

Discover tales of courage and bravery in Crafted by is empowering ebook, Stories of Fearlessness: **Carbon Footprint Trending** . In a downloadable PDF format ( PDF Size: \*), this collection inspires and motivates. Download now to witness the indomitable spirit of those who dared to be brave.

<https://ftp.thebrandexperience.com/data/virtual-library/fetch.php/ebook%20solar%20panels.pdf>

## **Table of Contents Carbon Footprint Trending**

1. Understanding the eBook Carbon Footprint Trending
  - The Rise of Digital Reading Carbon Footprint Trending
  - Advantages of eBooks Over Traditional Books
2. Identifying Carbon Footprint Trending
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Carbon Footprint Trending
  - User-Friendly Interface
4. Exploring eBook Recommendations from Carbon Footprint Trending
  - Personalized Recommendations
  - Carbon Footprint Trending User Reviews and Ratings
  - Carbon Footprint Trending and Bestseller Lists
5. Accessing Carbon Footprint Trending Free and Paid eBooks
  - Carbon Footprint Trending Public Domain eBooks
  - Carbon Footprint Trending eBook Subscription Services
  - Carbon Footprint Trending Budget-Friendly Options
6. Navigating Carbon Footprint Trending eBook Formats

- ePub, PDF, MOBI, and More
  - Carbon Footprint Trending Compatibility with Devices
  - Carbon Footprint Trending Enhanced eBook Features
7. Enhancing Your Reading Experience
    - Adjustable Fonts and Text Sizes of Carbon Footprint Trending
    - Highlighting and Note-Taking Carbon Footprint Trending
    - Interactive Elements Carbon Footprint Trending
  8. Staying Engaged with Carbon Footprint Trending
    - Joining Online Reading Communities
    - Participating in Virtual Book Clubs
    - Following Authors and Publishers Carbon Footprint Trending
  9. Balancing eBooks and Physical Books Carbon Footprint Trending
    - Benefits of a Digital Library
    - Creating a Diverse Reading Collection Carbon Footprint Trending
  10. Overcoming Reading Challenges
    - Dealing with Digital Eye Strain
    - Minimizing Distractions
    - Managing Screen Time
  11. Cultivating a Reading Routine Carbon Footprint Trending
    - Setting Reading Goals Carbon Footprint Trending
    - Carving Out Dedicated Reading Time
  12. Sourcing Reliable Information of Carbon Footprint Trending
    - Fact-Checking eBook Content of Carbon Footprint Trending
    - Distinguishing Credible Sources
  13. Promoting Lifelong Learning
    - Utilizing eBooks for Skill Development
    - Exploring Educational eBooks
  14. Embracing eBook Trends
    - Integration of Multimedia Elements
    - Interactive and Gamified eBooks

## Carbon Footprint Trending Introduction

Free PDF Books and Manuals for Download: Unlocking Knowledge at Your Fingertips In today's fast-paced digital age, obtaining valuable knowledge has become easier than ever. Thanks to the internet, a vast array of books and manuals are now available for free download in PDF format. Whether you are a student, professional, or simply an avid reader, this treasure trove of downloadable resources offers a wealth of information, conveniently accessible anytime, anywhere. The advent of online libraries and platforms dedicated to sharing knowledge has revolutionized the way we consume information. No longer confined to physical libraries or bookstores, readers can now access an extensive collection of digital books and manuals with just a few clicks. These resources, available in PDF, Microsoft Word, and PowerPoint formats, cater to a wide range of interests, including literature, technology, science, history, and much more. One notable platform where you can explore and download free Carbon Footprint Trending PDF books and manuals is the internet's largest free library. Hosted online, this catalog compiles a vast assortment of documents, making it a veritable goldmine of knowledge. With its easy-to-use website interface and customizable PDF generator, this platform offers a user-friendly experience, allowing individuals to effortlessly navigate and access the information they seek. The availability of free PDF books and manuals on this platform demonstrates its commitment to democratizing education and empowering individuals with the tools needed to succeed in their chosen fields. It allows anyone, regardless of their background or financial limitations, to expand their horizons and gain insights from experts in various disciplines. One of the most significant advantages of downloading PDF books and manuals lies in their portability. Unlike physical copies, digital books can be stored and carried on a single device, such as a tablet or smartphone, saving valuable space and weight. This convenience makes it possible for readers to have their entire library at their fingertips, whether they are commuting, traveling, or simply enjoying a lazy afternoon at home. Additionally, digital files are easily searchable, enabling readers to locate specific information within seconds. With a few keystrokes, users can search for keywords, topics, or phrases, making research and finding relevant information a breeze. This efficiency saves time and effort, streamlining the learning process and allowing individuals to focus on extracting the information they need. Furthermore, the availability of free PDF books and manuals fosters a culture of continuous learning. By removing financial barriers, more people can access educational resources and pursue lifelong learning, contributing to personal growth and professional development. This democratization of knowledge promotes intellectual curiosity and empowers individuals to become lifelong learners, promoting progress and innovation in various fields. It is worth noting that while accessing free Carbon Footprint Trending PDF books and manuals is convenient and cost-effective, it is vital to respect copyright laws and intellectual property rights. Platforms offering free downloads often operate within legal boundaries, ensuring that the materials they provide are either in the public domain or authorized for distribution. By adhering to copyright laws, users can enjoy the benefits of free access to knowledge while supporting the authors and publishers who

make these resources available. In conclusion, the availability of Carbon Footprint Trending free PDF books and manuals for download has revolutionized the way we access and consume knowledge. With just a few clicks, individuals can explore a vast collection of resources across different disciplines, all free of charge. This accessibility empowers individuals to become lifelong learners, contributing to personal growth, professional development, and the advancement of society as a whole. So why not unlock a world of knowledge today? Start exploring the vast sea of free PDF books and manuals waiting to be discovered right at your fingertips.

## **FAQs About Carbon Footprint Trending Books**

**What is a Carbon Footprint Trending PDF?** A PDF (Portable Document Format) is a file format developed by Adobe that preserves the layout and formatting of a document, regardless of the software, hardware, or operating system used to view or print it. **How do I create a Carbon Footprint Trending PDF?** There are several ways to create a PDF: Use software like Adobe Acrobat, Microsoft Word, or Google Docs, which often have built-in PDF creation tools. Print to PDF: Many applications and operating systems have a "Print to PDF" option that allows you to save a document as a PDF file instead of printing it on paper. Online converters: There are various online tools that can convert different file types to PDF. **How do I edit a Carbon Footprint Trending PDF?** Editing a PDF can be done with software like Adobe Acrobat, which allows direct editing of text, images, and other elements within the PDF. Some free tools, like PDFescape or Smallpdf, also offer basic editing capabilities. **How do I convert a Carbon Footprint Trending PDF to another file format?** There are multiple ways to convert a PDF to another format: Use online converters like Smallpdf, Zamzar, or Adobe Acrobats export feature to convert PDFs to formats like Word, Excel, JPEG, etc. Software like Adobe Acrobat, Microsoft Word, or other PDF editors may have options to export or save PDFs in different formats. **How do I password-protect a Carbon Footprint Trending PDF?** Most PDF editing software allows you to add password protection. In Adobe Acrobat, for instance, you can go to "File" -> "Properties" -> "Security" to set a password to restrict access or editing capabilities. Are there any free alternatives to Adobe Acrobat for working with PDFs? Yes, there are many free alternatives for working with PDFs, such as: LibreOffice: Offers PDF editing features. PDFsam: Allows splitting, merging, and editing PDFs. Foxit Reader: Provides basic PDF viewing and editing capabilities. How do I compress a PDF file? You can use online tools like Smallpdf, ILovePDF, or desktop software like Adobe Acrobat to compress PDF files without significant quality loss. Compression reduces the file size, making it easier to share and download. Can I fill out forms in a PDF file? Yes, most PDF viewers/editors like Adobe Acrobat, Preview (on Mac), or various online tools allow you to fill out forms in PDF files by selecting text fields and entering information. Are there any restrictions when working with PDFs? Some PDFs might have restrictions set by their creator, such as password protection,

editing restrictions, or print restrictions. Breaking these restrictions might require specific software or tools, which may or may not be legal depending on the circumstances and local laws.

### **Find Carbon Footprint Trending :**

**ebook solar panels**

~~sustainable fashion guide~~

**pro plastic free**

**best sustainable travel**

~~latest minimalist living~~

2025 edition sustainable fashion

*manual conscious consumerism*

ethical shopping ideas

green building tips

guide renewable energy

~~framework circular economy~~

*2025 edition sustainable travel*

**top ethical shopping**

**minimalist living pro**

~~organic farming toolkit~~

### **Carbon Footprint Trending :**

AMMO 62 Flashcards Study with Quizlet and memorize flashcards containing terms like In 49 CFR what part covers penalties?, In 49 CFR what part covers definitions?, ... ammo 62 hazard class/basic desc Cheat Sheet by kifall Dec 2, 2015 — ammo 62 course land shipping classification, packaging, marking, labeling and general information. HAZMAT Correspondence Course Flashcards Study with Quizlet and memorize flashcards containing terms like Which of the following modes are used to transport HAZMAT? Select all that apply., ... Ammo 62 : r/army Ammo 62 is mainly a certification that allows you to transport ammo as its a hazardous material classification. Source hazmat shipping and ... Ammo-62 Technical Transportation of Hazardous Materials ... Jun 23, 2016 — Course covers the transportation of hazardous materials by all modes (i.e., land, vessel, and commercial/military air). International ... final exam key part 2 - Ammo 62 \ 'c :1 Name CHM

3218 / ... Use your knowledge of these reactions to answer the following questions. For all of these questions, you may assume that the substrates needed to run the ... Ammo 67 Answers Form - Fill Out and Sign Printable PDF ... Use its powerful functionality with a simple-to-use intuitive interface to fill out Ammo 62 test answers online, e-sign them, and quickly share them without ... HAZARDOUS MATERIALS REGULATIONS Requirements in the HMR apply to each person who manufactures, fabricates, marks, maintains, reconditions, repairs, or tests a packaging or a component of a ... Identification of Ammo test questions and answers. Oct 15, 2023 — Exam (elaborations) - Tdlr texas cosmetology laws and rules book |80 questions and answers. Microsoft BizTalk 2010: Line of Business Systems Integration A practical guide to integrating Line of Business systems with Microsoft BizTalk Server 2010 Deliver integrated Line of Business solutions more efficiently ... Microsoft BizTalk 2010: Line of Business Systems Integration A practical guide to integrating Line of Business systems with BizTalk Server 2010. Microsoft BizTalk 2010: Line of Business Systems Integration Microsoft BizTalk is an integration server solution that allows businesses to connect disparate systems. In today's business climate of mergers and acquisitions ... Microsoft BizTalk 2010: Line of Business Systems Integration | Guide ... This book will be a tutorial that focuses on integrating BizTalk with Line of Business systems using practical scenarios. Each chapter will take a Line of ... Microsoft BizTalk 2010: Line of Business Systems Integration This book will give you the impetus that you need to tackle the most challenging LOB integration requirements. It is a great resource for any BizTalk Architects ... Microsoft BizTalk 2010: Line of Business Systems Integration Microsoft BizTalk 2010: Line of Business Systems Integration · Paperback · \$65.99. Microsoft BizTalk 2010: Line of Business Systems Integration This book assumes developers are comfortable creating schemas, maps, orchestrations, ports and messages in Visual Studio and configuring applications in the ... Microsoft BizTalk 2010: Line of Business Systems ... Microsoft BizTalk 2010: Line of Business Systems Integration 1st Edition is written by Kent Weare, Richard Seroter, Sergei Moukhmitski and published by ... Microsoft BizTalk 2010: Line of Business Systems Integration For anybody that is planing on using the SAP adapter I recomend this book. Makes the installation of the adapter a lot easier. But I have one question. Microsoft BizTalk 2010 line of business systems integration Microsoft BizTalk 2010 line of business systems integration : a practical guide to integrating line of business systems with BizTalk Server 2010 / Kent Weare .. Shades of gray by Carolyn Reeder - Audiobook Synopsis. COURAGE WEARS MANY FACES. The Civil War may be over, but for twelve-year-old Will Page, the pain and bitterness haven't ended. Shades of Gray Audiobook, written by Carolyn Reeder Teacher and author, Carolyn Reeder vividly portrays an angry Will gradually overcoming his own loss and developing tolerance for his uncle's opposing views. The ... Shades of gray by Carolyn Reeder - Audiobook Synopsis. COURAGE WEARS MANY FACES. The Civil War may be over, but for twelve-year-old Will Page, the pain and bitterness haven't ended. Shades of Gray by Carolyn Reeder audiobook Teacher and author, Carolyn Reeder vividly portrays an angry Will gradually overcoming his own loss and developing tolerance for his uncle's opposing views. The ... Shades of Gray Audiobook, written by Carolyn

---

Reeder Teacher and author, Carolyn Reeder vividly portrays an angry Will gradually overcoming his own loss and developing tolerance for his uncle's opposing views. The ... Shades of gray | WorldCat.org Shades of gray. Authors: Carolyn Reeder, John McDonough. Front cover image for ... Audiobook, English, [1997]. Edition: View all formats and editions. Publisher ... Shades of Gray: Carolyn Reeder - Books This book is an amazing story about how a boy is getting used to a new life outside of Winchester, VA after the civil war, when most of his family was killed ... Shades of gray : Reeder, Carolyn : Free Download, Borrow ... May 18, 2010 — At the end of the Civil War, twelve-year-old Will, having lost all his immediate family, reluctantly leaves his city home to live in the ... Shades of Gray by Reeder, Carolyn This book is an amazing story about how a boy is getting used to a new life outside of Winchester, VA after the civil war, when most of his family was killed ... Shades of Gray | Book by Carolyn Reeder, Tim O'Brien Shades of Gray by Carolyn Reeder - In the aftermath of the Civil War, recently orphaned Will must start a new life and overcome his prejudices.