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| 1. Record Nr.           | UNINA9910409749003321   |
| Titolo                  | Hepatitis B and C // edited by Luis Rodrigo   |
| Pubbl/distr/stampa      | London, England : , : IntechOpen, , [2020]<br>©2020   |
| ISBN                    | 1-78923-948-6   |
| Descrizione fisica      | 1 online resource (112 pages)   |
| Collana                 | Infectious Diseases   |
| Disciplina              | 616.3   |
| Soggetti                | Hepatitis B   |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| 2. Record Nr.           | UNINA9910164906003321   |
| Autore                  | Skowron Jared   |
| Titolo                  | 100 natural remedies for your child : the complete guide to safe, effective treatments for childhood's most common ailments, from allergies to weight loss // Jared Skowron |
| Pubbl/distr/stampa      | New York, New York : , : Rodale, , 2011<br>©2011  |
| ISBN                    | 1-60961-116-0   |
| Descrizione fisica      | 1 online resource (380 pages) : illustrations, tables   |
| Classificazione         | HEA046000   |
| Disciplina              | 618.92  |
| Soggetti                | Naturopathy<br>Pediatrics<br>Children - Health and hygiene<br>Children - Diseases   |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | Includes index.   |

"Americans spend \$34 billion dollars annually on alternative medical therapies and products. Not only are we seeking out natural remedies for ourselves-- increasingly we are also looking for ways to cut down on the amount of medication given to our children. In 100 Natural Remedies for Your Child, pediatric naturopath Dr. Jared Skowron shows parents how to prevent and treat their childrens illnesses, from common ailments such as upset stomach, headaches, and minor infections to more serious problems like food allergies, diabetes, and asthma. While there is a time and place for conventional medicine, natural solutions, especially diet can be effective strategies for treating many of our childrens ailments. 100 Natural Remedies for Your Child includes: FOODS THAT HEAL: Dietary change is the core lifestyle modification in naturopathic medical practice. Dr. Skowron shows parents the power of nutrition and reveals how foods can help prevent and treat disease. TOXIC DETOX: From pesticides to plastics, natural medicine offers safe and proven methods for removing environmental toxins from our childrens bodies. SUPPLEMENTATION: Parents will learn which supplements are helpful for alleviating symptoms or preventing illness and what dosages are safe and effective. ALTERNATIVE REMEDIES: Instead of heading to the drugstore for an over the counter remedy when their child is ill, parents will learn how to use homeopathic remedies that save money and heal their child naturally"

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| 3. Record Nr.           | UNINA9910586597703321  |
| Autore                  | Peterson David L   |
| Titolo                  | Wildland Fire Smoke in the United States : A Scientific Assessment   |
| Pubbl/distr/stampa      | Cham, : Springer Nature, 2022<br>Cham : , : Springer International Publishing AG, , 2022<br>©2022  |
| ISBN                    | 3-030-87045-6  |
| Descrizione fisica      | 1 online resource (346 pages)  |
| Classificazione         | NAT023000SCI000000SCI020000SCI026000SCI086000TEC003040   |
| Altri autori (Persone)  | McCaffreySarah M<br>Patel-WeynandToral   |
| Soggetti                | Natural disasters<br>Ecological science, the Biosphere<br>Forestry & silviculture: practice & techniques<br>Pollution & threats to the environment<br>Life sciences: general issues<br>Mathematics & science   |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Nota di contenuto       | Intro -- Foreword -- Acknowledgments -- Disclaimer -- Contents -- 1<br>Assessing the State of Smoke Science -- 1.1 Recent Trends -- 1.2<br>Environmental and Social Context -- 1.3 Overview of This Assessment<br>-- References -- 2 Fuels and Consumption -- 2.1 Introduction -- 2.1.1<br>Understanding How Fuels Contribute to Smoke -- 2.2 Wildland Fuels --<br>2.2.1 Fuel Characteristics -- 2.2.2 Traditional Methods to Estimate<br>Wildland Fuel Loadings -- 2.2.3 Emerging Technologies and Methods<br>-- 2.3 Fuel Consumption -- 2.3.1 Indirect Estimates of Fuel<br>Consumption -- 2.3.2 Direct Measures of Fuel Consumption -- 2.4<br>Gaps in Wildland Fuels Characterization -- 2.4.1 Scaling from Fine-<br>Scale to Coarse-Scale Fuel Characterization -- 2.4.2 Challenges<br>in Forest Floor Characterization -- 2.4.3 Modeling Spatial<br>and Temporal Dynamics of Wildland Fuels -- 2.5 Vision for Improving<br>Fuel Science in Support of Smoke Science -- 2.6 Science Delivery<br>to Managers -- 2.7 Research Needs -- 2.8 Conclusions -- References |

-- 3 Fire Behavior and Heat Release as Source Conditions for Smoke Modeling -- 3.1 Introduction -- 3.2 Current State of Science -- 3.2.1 Representing Fire in Smoke Models -- 3.2.2 Remote Sensing -- 3.2.3 Effects of Management Actions -- 3.3 Gaps in Understanding the Link Between Fire Behavior and Plume Dynamics -- 3.3.1 Heat Release -- 3.3.2 Fire Spread -- 3.3.3 Plume Cores -- 3.4 Vision for Improving Smoke Science -- 3.5 Emerging Issues and Challenges -- 3.5.1 Magnitude of Fire and Smoke Impacts -- 3.5.2 Managing Fuels to Minimize Air Quality Impacts -- 3.5.3 Need for Dispersion Climatologies -- 3.5.4 When and Where is Coupled Fire-Atmosphere Modeling Needed? -- 3.6 Conclusions -- 3.7 Key Findings -- 3.8 Key Information Needs -- References -- 4 Smoke Plume Dynamics -- 4.1 Introduction -- 4.1.1 Scientific Significance -- 4.1.2 Management Significance. 4.2 Current State of Science -- 4.2.1 Theoretical Framework -- 4.2.2 Smoke Measurements -- 4.2.3 Smoke Plume Modeling -- 4.2.4 Interactive Processes -- 4.2.5 Smoke Decision Support Systems -- 4.3 Gaps in Understanding Plume Dynamics -- 4.3.1 Measurements -- 4.3.2 Plume Rise -- 4.3.3 Dispersion and Transport Modeling -- 4.3.4 Nighttime Smoke -- 4.3.5 Physics-Based Fire Models -- 4.3.6 Smoke Management for Prescribed Fires -- 4.4 Vision for Improving Plume Dynamics Science -- 4.4.1 New Research on Observational and Computational Capabilities -- 4.4.2 New Approaches and Tools -- 4.4.3 New Projects -- 4.4.4 Recent Policies and Integration with Smoke Impacts Research -- 4.5 Emerging Issues and Challenges -- 4.5.1 Coupled Modeling Systems -- 4.5.2 Improving Modeling Tools with Field Campaign Data -- 4.5.3 Real-Time Smoke Transport Modeling and Prediction -- 4.5.4 Smoke from Duff Burning Under Drought Conditions -- 4.5.5 Smoke Plume Dynamics and Climate Change -- 4.5.6 Smoke Dynamics in the Earth System -- 4.6 Conclusions -- 4.7 Key Findings -- References -- 5 Emissions -- 5.1 Introduction -- 5.2 Current State of the Science -- 5.2.1 Fuel Properties, Combustion Processes, and Emissions -- 5.2.2 Smoke Composition and Emission Factors -- 5.2.3 Emission Calculations -- 5.3 Existing Data, Tools, Models, and Other Technology -- 5.3.1 Emission Factors -- 5.3.2 Emission Inventories -- 5.3.3 Emission Models for Land Management -- 5.4 Gaps in Data, Understanding, and Tools/Technology -- 5.4.1 Emission Factors for Wildfires -- 5.4.2 Connecting Laboratory Studies with Field Observations -- 5.4.3 Variability of EFs with Combustion Conditions -- 5.4.4 Validation of Emission Inventories -- 5.4.5 Forecasting Wildfire Emissions -- 5.4.6 Measuring and Modeling PM<sub>2.5</sub> -- 5.4.7 Emissions of Hazardous Air Pollutants -- 5.4.8 Emissions from Structure Fires -- 5.5 Conclusions. References -- 6 Smoke Chemistry -- 6.1 Introduction -- 6.1.1 Overview and Context of the Issues -- 6.1.2 Need for Decision Support -- 6.1.3 Scientific Challenges -- 6.2 Current State of the Science -- 6.2.1 Well-Understood Aspects of Smoke Chemistry -- 6.2.2 Existing Data, Tools, Models, and Other Technology -- 6.3 Gaps in Data, Understanding, and Tools/Technology -- 6.3.1 Ozone Data Gaps -- 6.3.2 Secondary Organic Aerosol Data Gaps -- 6.3.3 Model Gaps -- 6.4 Vision for Improving Our Understanding of Smoke Chemistry -- 6.4.1 Near-Term Opportunities -- 6.4.2 Long-Term Priorities for Improving Smoke Chemistry Knowledge -- 6.5 Emerging Issues -- 6.5.1 Higher Particulate Matter, Ozone, and Hazardous Air Pollutants from Fires in Western States -- 6.5.2 How Prescribed Burning Affects Smoke Chemistry -- 6.5.3 Clarifying Specific Health Effects -- 6.6 Links with Other Components of the Smoke Assessment -- 6.6.1 Fire Behavior and Plume Dynamics -- 6.6.2 Fuel Characterization -- 6.6.3

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Sommario/riassunto

This open access book synthesizes current information on wildland fire smoke in the United States, providing a scientific foundation for addressing the production of smoke from wildland fires. This will be increasingly critical as smoke exposure and degraded air quality are expected to increase in extent and severity in a warmer climate. Accurate smoke information is a foundation for helping individuals and communities to effectively mitigate potential smoke impacts from wildfires and prescribed fires. The book documents our current understanding of smoke science for (1) primary physical, chemical, and biological issues related to wildfire and prescribed fire, (2) key social issues, including human health and economic impacts, and (3) current and anticipated management and regulatory issues. Each chapter provides a summary of priorities for future research that provide a roadmap for developing scientific information that can improve smoke and fire management over the next decade.

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