

chilling phrase has become the ubiquitous mantra of ecological doomsayers, a troubling headline above stories of melting permafrost and receding ice caps, visions of catastrophe and fears of a problem with no solution. Daring to step beyond the rhetoric of panic and despair, *The Geography of Hope* points to the bright light at the end of this very dark tunnel. With a mix of front-line reporting, analysis and passionate argument, Chris Turner pieces together the glimmers of optimism amid the gloom and the solutions already at work around the world, from Canada's largest wind farm to Asia's greenest building and Europe's most eco-friendly communities. But *The Geography of Hope* goes far beyond mere technology. Turner seeks out the next generation of political, economic, social and spiritual institutions that could provide the global foundations for a sustainable future—from the green hills of northern Thailand to the parliament houses of Scandinavia, from the villages of southern India, where microcredit finance has remade the social fabric, to America's most forward-thinking think tanks. In this compelling first-person exploration, punctuated by the wonder and angst of a writer discovering the world's beacons of possibility, Chris Turner pieces together a dazzling map of the disparate landmarks in a geography of hope. While most of the world has been spinning in stagnant circles of recrimination and debate on the subject of climate change, paralyzed by visions of apocalypse both natural (if nothing of our way of life changes) and economic (if too much does), Denmark has simply marched off with steadfast resolve into the sustainable future, reaching the zenith of its pioneering trek on the island of Samsø. And so if there's an encircled star on this patchwork map indicating hope's modest capital, then it should be properly placed on this island. Perhaps, for the sake of precision, at the geographic centre of Jørgen Tranberg's dairy farm. There are, I'm sure, any number of images called to mind by talk of ecological revolution and renewable energy and sustainable living, but I'm pretty certain they don't generally include a hearty fiftysomething Dane in rubber boots spotted with mud and cow shit. Which is why Samsø's transformation is not just revolutionary but inspiring, not just a huge change but a tantalizingly attainable one. And it was a change that seemed at its most workaday—near-effortless, no more remarkable than the cool October wind gusting across the island—down on Tranberg's farm. —from *The Geography of Hope*

Furnishes an overview of digital photography, covering such topics as cameras, exposure, lighting, shutter speed, depth of field, and resolution--and tips on how to avoid hours of photo-editing by taking great photographs the first time.

Mastering the Nikon D610 by Darrell Young provides a wealth of experience-based information and insights for owners of the new D610 camera. Darrell is determined to help the user navigate past the confusion that often comes with complex and powerful professional camera equipment. This book explores the features and capabilities of the camera in a way that far surpasses the user's manual. It guides readers through the camera features with step-by-step setting adjustments; color illustrations; and detailed how, when, and why explanations for each option. Every button, dial, switch, and menu configuration setting is explored in a user-friendly manner, with suggestions for setup according to various shooting styles. Darrell's friendly and informative writing style allows readers to easily follow directions while feeling as if a friend dropped in to share his knowledge. The learning experience for new D610 users goes beyond just the camera itself and covers basic photography technique.

David Busch's Nikon Z7 II/Z6 II Guide to Digital Photography is your all-in-one comprehensive resource and reference for Nikon's next-generation Z7 II and Z6 II mirrorless cameras. The company has upgraded these compact cameras with the features most requested by enthusiasts, including two memory card slots, advanced autofocus features, and performance-enhancing dual EXPEED 6 processors. Serious photographers can select the high-resolution 45.7 megapixel Z7 II, or opt for the higher continuous shooting rates and stellar low-light versatility of the 24 megapixel Z6 II. Both cameras offer incredible image quality, especially when coupled with a burgeoning line of ultra-sharp S-series, Z-mount lenses. The affordable FTZ adapter allows you to use more than 300 different lenses in Nikon's F-mount lineup, too. Five-axis in-body image stabilization provides up to five stops of anti-shake performance so you can hand-hold the camera at slower shutter speeds. An improved autofocus system with human and animal eye/face detection offers lightning fast focus for stills and both 4K and Full HD movie-shooting. With this book in hand, you'll master all these impressive features, and fine tune your camera skills as develop your creativity taking great photographs with your new Z7 II or Z6 II.

Filled with detailed how-to steps and full-color illustrations, *David Busch's Nikon Z7 II/Z6 II Guide to Digital Photography* covers the cameras' capabilities in depth, from taking your first photos through advanced details of setup, exposure, lens selection, lighting, and more, and relates each feature to specific photographic techniques and situations. Also included is the handy visual guide to the Z7 II and Z6 II, with close-up photos and descriptions of the camera's essential features and controls. Learn when to use each option and, more importantly, when not to use them, by following the author's recommended settings for every menu entry. With best-selling photographer and mentor David Busch as your guide, you'll quickly have full creative mastery of your camera's capabilities, whether you're shooting on the job, as an advanced enthusiast, or are just out for fun. Start building your knowledge and confidence, while bringing your vision to light with the Nikon Z7 II or Z6 II today.

High dynamic range (HDR) photography lets you capture the myriad colors and levels of light that you can see in the real world, and the results are amazing photographs that run the gamut from super real to surreal. Explore this fantastic realm of photography through the unique vision of renowned travel photographer Trey Ratcliff. In this book, Trey shares his phenomenal HDR photographs as well as all the backstory on the adventurous circumstances of their origin. He also reveals the techniques he used to get the final shot. The breathtaking images gracing these pages and the author's real-world advice for capturing and manipulating images will inspire you to create your own HDR magic. So Trey also includes his simple and straightforward tutorial that teaches you everything you need to know to make your own HDR photographs, whether you're a beginner, amateur, or professional. A unique blend of practical and inspirational, this book features a breathtaking collection of HDR photographs engaging explanations of how the author achieved the image expert tips for achieving stunning results (and avoiding common mistakes) a foolproof HDR tutorial and software recommendations

Need to know which digital camera to buy? Want to take better photographs and retouch images? Ready to achieve professional

results? This updated edition of The Digital Photography Handbook will allow you to make the most of all the advantages your camera has to offer - as well as guiding you through the latest software to enhance your images, and get professional results with every shot. This book includes expert advice on the art of photography (composition, depth of field and how to photograph a variety of subjects), editing and image manipulation software, how to print your images for the best results, developing a portfolio and mastering the rules of copyright. Doug Harman includes the very latest developments in digital technology, equipping you with everything you need to become a photographer. Contents include: Types of camera, Computers and software, Memory, Pixels and magnification, Saving images, Exposure, Composition, Light, Camera modes, Special effects, Manipulating images, Photo apps, Retouching old photos, Printing digital images, Selecting printers and paper, Archiving and the cloud, Making money from your images, Copyright rules and more.

Over 80 species of birds common to Ontario are featured in this easy-to-use introductory field guide. Colour illustrations and extensive natural history are featured in each two-page account.

The irradiance pattern was measured for the propagation of a collimated beam of light underwater. A neodymium-doubled green laser was transmitted horizontally at a six foot depth in Lake Winnepesaukee, N.H. The irradiance was measured at distances from 0 to 100 feet and for off-axis angles from 0 to 58 degrees. The water had an attenuation length of 4.54 ft/ln and an absorption coefficient of 0.0446 ln/ft. The ratio of attenuation coefficient to absorption coefficient was 4.94. The fractional power contained within a cone of various angles was computed. At 20 attenuation lengths only 10% of the total power is contained within a cone of 4 degrees whereas at 4 attenuation lengths this same cone contains 50% of the power. (Author).

In February 2019, award-winning writer Alex Roddie left his online life behind when he set out to walk 300 miles through the Scottish Highlands, seeking solitude and answers. In leaving the chaos of the internet behind for a month, he hoped to learn how it was truly affecting him – or if he should look elsewhere for the causes of his anxiety. The Farthest Shore is the story of Alex's solo trek along the remote Cape Wrath Trail. As he journeyed through a vanishing winter, Alex found answers to his questions, learnt the nature of true silence, and discovered frightening evidence of the threats faced by Scotland's wild mountain landscape.

A book of evocative and atmospheric photographs taken by Dick Hawkes to create a representative record of this precious and ecologically unique habitat - before much of it is lost to the many threats it faces. Chalk streams have been described as England's "rainforest". Around 85% of the world's chalk streams are in England. They are beautiful, biologically distinct and amazingly rich in wildlife, but are under threat from man-made issues of abstraction, pollution from chemicals and effluent, development for housing, and climate change. Included in the book are images of typical habitats and species of wildlife found in chalk streams and water meadows, highlighting those that are rare or most under threat.

Olympus launched the OM-D E-M5 Mark III camera with a specific purpose in mind: to create a Micro Four Thirds camera for advanced enthusiast and professional photographers who prefer a smaller, yet very powerful mirrorless camera. The E-M5 Mark III is a true system camera for those who demand the best in cameras, lenses, and image quality. Darrell Young and Jim Johnson's Mastering the Olympus OM-D E-M5 Mark III explores the features and capabilities of the camera in a way that far surpasses the user's manual. It is designed to guide readers through the camera's features with step-by-step setting adjustments; color illustrations; and detailed how, when, and why explanations for each option. Every button, dial, switch, lever, and menu configuration setting is explored in a user-friendly manner, with suggestions for setup according to various shooting styles. The authors' friendly and informative writing style allows readers to easily follow directions while feeling as if a friend dropped in to share his knowledge. The learning experience for new E-M5 III users goes beyond just the camera itself and covers basic photography technique.

Learn to take great photos with your iPhone—the camera you always have with you!

Imagine if someone took the same photographic techniques, principles, and tools used by high-end and professional photographers, but applied them to shooting with an iPhone. Imagine the type of images you'd be able to create using those same ideas. Well, finally, somebody has.

The world's #1 best-selling photography techniques author is about to break all the rules as he shows you how to apply the same techniques today's top pro photographers use to make stunning images. You're going to learn exactly how to use these techniques to create images that people will just not believe you could actually take with a phone (but with the quality of the iPhone's camera, you absolutely can!).

Scott leaves all the techno-speak behind and, instead, treats the whole book as if it were just you and he out on a shoot with your iPhones, using his trademark casual, plain-English writing style to help you unlock the power of your iPhone to make the type of pictures you never thought could be done with a phone. You'll learn:

- Which tools to use to make pro-quality portraits in any lighting situation.
- How to create stunning landscape shots that people will swear you took with an expensive DSLR or mirrorless camera.
- Proven posing techniques that flatter your subject and make anyone you photograph look their very best in every shot.

- How to organize and edit your photos like a pro!
- The pros' top tips for making amazing shots of everything from flowers to product shots, from food photography to travel shots, and everything in between.

Each page covers a single concept, a single tool, or a trick to take your iPhone photography from snapshots to shots that will make your friends and family say, "Wait...you took this?!"

Presents a collection of tips on digital photography and digital cameras, covering such topics as digital camera attachments, nighttime photography, using a flash, using Adobe Photoshop, and printing photographs.

When it comes to photography, it's all about the light. After spending more than thirty years behind the lens—working for National Geographic, Time, Life, and Sports Illustrated—Joe McNally knows about light. He knows how to talk about it, shape it, color it, control it, and direct it. Most importantly, he knows how to create it...using small hot shoe flashes. In *The Hot Shoe Diaries*, Joe brings you behind the scenes to candidly share his lighting solutions for a ton of great images. Using Nikon Speedlights, Joe lets you in on his uncensored thought process—often funny, sometimes serious, always fascinating—to demonstrate how he makes his pictures with these small flashes. Whether he's photographing a gymnast on the Great Wall, an alligator in a swamp, or a fire truck careening through Times Square, Joe uses these flashes to create great light that makes his pictures sing.

The first book in the Understanding Photography series, *Understanding Exposure*, was a runaway best-seller, with more than 250,000 copies sold. Now author Bryan Peterson brings his signature style to another important photography topic: shutter speed. With clear, jargon-free explanations of terms and techniques, plus compelling "before-and-after" photos that pair a mediocre image (created using the wrong shutter speed) with a great image (created using the right shutter speed), this is the definitive practical guide to mastering an often-confusing subject. Topics include freezing and implying motion, panning, zooming, exposure, Bogen Super Clamps, and rendering motion effects with Photoshop, all with helpful guidance for both digital and film formats. Great for beginners and serious amateurs, *Understanding Shutter Speed* is the definitive handy guide to mastering shutter speed for superb results.

THE FIRST BOOK WITH ONE FOOT ON THE COFFEE TABLE, AND ONE FOOT IN THE CLASSROOM Joe McNally, one of the world's top pro digital photographers, whose celebrated work has graced the pages of Sports Illustrated, Time, and National Geographic (to name a few), breaks new ground by doing something no photography book has ever done—blending the rich, stunning images and elegant layout of a coffee-table book with the invaluable training, no-nonsense insights, and photography secrets usually found only in those rare, best-of-breed educational books. When Joe's not on assignment for the biggest-name magazines and Fortune 500 clients, he's in the classroom teaching location lighting, environmental portraiture, and how to "get the shot" at workshops around the world. These on-location workshops are usually reserved for a handful of photographers each year, but now you can learn the same techniques that Joe shares in his seminars and lectures in a book that brings Joe's sessions to life. What makes the book so unique is the "triangle of learning" where (1) Joe distills the concept down to one brief sentence. It usually starts with something like, "An editor at National Geographic once told me..." and then he shares one of those hard-earned tricks of the trade that you only get from spending a lifetime behind the lens. Then, (2) on the facing page is one of Joe's brilliant images that perfectly illustrates the technique (you'll recognize many of his photos from magazine covers). And (3) you get the inside story of how that shot was taken, including which equipment he used (lens, f/stop, lighting, accessories, etc.), along with the challenges that type of project brings, and how to set up a shot like that of your own. This book also gives you something more. It inspires. It challenges. It informs. But perhaps most importantly, it will help you understand photography and the art of making great photos at a level you never thought possible. This book is packed with those "Ah ha!" moments—those clever insights that make it all come together for you. It brings you that wonderful moment when it suddenly all makes sense—that "moment it clicks."

From Our Windows is David Firman's personal story, told through Polaroid pictures, of life contained within four walls. Set during the early days of the COVID-19 pandemic, the story explores the relationship of sanctuary to the now-viral world outside, separated yet connected through thin sheets of glass. In the late 1970s, photographer André Kertész was living a parallel narrative. Old age and isolation--his wife had recently passed--left him looking through the window of his New York apartment, a story he told through Polaroid pictures and his 1981 book, *From My Window*. Separated by forty years, Firman draws on Kertész's work in his own search for beauty in the face of loss.

Olympus launched the OM-D E-M1 Mark III camera with a specific purpose in mind: to create a Micro Four Thirds camera for professional and advanced enthusiast photographers. As the flagship Micro Four Thirds camera, the E-M1 Mark III is the peak of the Olympus digital imaging system. It is a true system camera for those who demand the best in cameras, lenses, and image quality.

Darrell Young's *Mastering the Olympus OM-D E-M1 Mark III* explores the features and capabilities of the camera in a way that far surpasses the user's manual. It is designed to guide readers through the camera's features with step-by-step setting adjustments; color illustrations; and detailed how, when, and why explanations for each option. Every button, dial, switch, and menu configuration setting is explored in a user-friendly manner, with suggestions for setup according to various shooting styles.

Darrell's friendly and informative writing style allows readers to easily follow directions while feeling as if a friend dropped in to share his knowledge. The learning experience for new E-M1 Mark III users goes beyond just the camera itself and covers basic photography technique.

TABLE OF CONTENTS

Ch 1: Camera Setup and Control Reference

Ch 2: Screen Displays for Camera Control

Ch 3: Shooting Menu 1: Preliminary and Basic Shooting Options

Ch 4: Shooting Menu 2: Advanced Shooting Options

Ch 5: Playback Menu

Ch 6: Custom Menu

Ch 7: Setup Menu

Ch 8: Recording Video

Appendix – Button Functions Reference

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