

## Phantom 3 Drone World

From bestselling writer David Graeber—"a master of opening up thought and stimulating debate" (Slate)—a powerful argument against the rise of meaningless, unfulfilling jobs...and their consequences. Does your job make a meaningful contribution to the world? In the spring of 2013, David Graeber asked this question in a playful, provocative essay titled "On the Phenomenon of Bullshit Jobs." It went viral. After one million online views in seventeen different languages, people all over the world are still debating the answer. There are hordes of people—HR consultants, communication coordinators, telemarketing researchers, corporate lawyers—whose jobs are useless, and, tragically, they know it. These people are caught in bullshit jobs. Graeber explores one of society's most vexing and deeply felt concerns, indicting among other villains a particular strain of finance capitalism that betrays ideals shared by thinkers ranging from Keynes to Lincoln. "Clever and charismatic" (The New Yorker), *Bullshit Jobs* gives individuals, corporations, and societies permission to undergo a shift in values, placing creative and caring work at the center of our culture. This book is for everyone who wants to turn their vocation back into an avocation and "a thought-provoking examination of our working lives" (Financial Times).

Inexpensive consumer drones that offer ease of flight and high-quality photography and videography have exploded on the market recently, creating what can only be described as drone mania amongst a diverse range of potential users. Because camera-carrying drones still really only exist on the edge between hobby and the mainstream, there is still a lot of confusion about what these small drones are capable of doing. The decision to purchase one is just the first in a long stream of things a new owner must think about. *Aerial Photography and Videography Using Drones* is designed to help you make the most of the opportunities these nimble, affordable, and accessible flying machines have created for aerial photography and videography. Within this definitive guide, you'll learn about the following: • the current state of camera drone equipment • how to become a competent drone operator • tips for getting the best aerial still images and videos • stories from aerial photographers and videographers from around the world • the current regulatory state for drone usage in the U.S. • techniques demonstrated in several videos you can download from peachpit.com, along with pre-flight checklists and worksheets for flight training.

In warzones, ordinary commercially-available drones are used for extraordinary reconnaissance and information gathering. They can also be used for bombings - a drone carrying an explosive charge is potentially a powerful weapon. At the same time asymmetric warfare has become the norm - with large states increasingly fighting marginal terrorist groups in the Middle East and elsewhere. Here, Nicholas Grossman shows how we are entering the age of the drone terrorist - groups such as Hezbollah are already using them in the Middle East. Grossman will analyse the ways in which the United States, Israel and other advanced militaries use aerial drones and ground-based robots to fight non-state actors (e.g. ISIS, al Qaeda, the Iraqi and Afghan insurgencies, Hezbollah, Hamas, etc.) and how these groups, as well as individual terrorists, are utilizing less advanced commercially-available drones to fight powerful state opponents. Robotics has huge implications for the future of security, terrorism and international relations and this will be essential reading on the subject of terrorism and drone warfare.

In *The Drone Age*, Michael J. Boyle addresses some of the biggest questions surrounding the impact of drones on our world today and the risks that we might face tomorrow. Will drones produce a safer world because they reduce risk to pilots, or will the prospect of clean, remote warfare lead governments to engage in more conflicts? Will drones begin to replace humans on the battlefield? Will they empower soldiers and peacekeepers to act more precisely and humanely in crisis zones? How will terrorist organizations turn this technology back on the governments that fight them? And how are drones enhancing surveillance capabilities, both at war and at home? As advanced drones come into the hands of new actors-foreign governments, local law enforcement, terrorist organizations, humanitarian organizations, and even UN peacekeepers-it is even more important to understand what kind of world they might produce. *The Drone Age* explores how the unique features of drone technology are altering the decision-making processes of governments and non-state actors alike by transforming their risk calculations and expanding their capacities both on and off the battlefield. By changing what these actors are willing and ready to do, drones are quietly transforming the dynamics of wars, humanitarian crises, and peacekeeping missions while generating new risks to security and privacy. An essential guide to a potentially disruptive force in modern world politics, *The Drone Age* shows how the innovative use of drone technology will become central to the ways that governments and non-state actors compete for power and influence in the future.

This volume collects and presents the fundamentals, tools, and processes of utilizing geospatial information technologies to process remotely sensed data for use in agricultural monitoring and management. The issues related to handling digital agro-geoinformation, such as collecting (including field visits and remote sensing), processing, storing, archiving, preservation, retrieving, transmitting, accessing, visualization, analyzing, synthesizing, presenting, and disseminating agro-geoinformation have never before been systematically documented in one volume. The book is edited by International Conference on Agro-Geoinformatics organizers Dr. Liping Di (George Mason University), who coined the term "Agro-Geoinformatics" in 2012, and Dr. Berk Üstünda? (Istanbul Technical University) and are uniquely positioned to curate and edit this foundational text. The book is composed of eighteen chapters that can each stand alone but also build on each other to give the reader a comprehensive understanding of agro-geoinformatics and what the tools and processes that compose the field can accomplish. Topics covered include land parcel identification, image processing in agricultural observation systems, databasing and managing agricultural data, crop status monitoring, moisture and evapotranspiration assessment, flood damage monitoring, agricultural decision support systems and more.

"This path-breaking study is about how ordinary people are gaining the means to be extraordinarily lethal. States are also concentrating their technological power, but their gains lag behind a shift in relative capacity that is already disrupting the role of conventional armed forces. The dispersal of emerging technologies such as robotics, cyber weapons, 3-D printing, autonomous systems, and various forms of artificial intelligence is widening popular access to unprecedented destructive power. Based on hard lessons from previous waves of lethal technology such as dynamite and the assault rifle, the book explains what the future may hold and how we should respond"--

The public debate over civilian use of drones is intensifying. Variously called "unmanned aircraft systems", "unmanned aerial vehicles", "remotely piloted aircraft", or simply "drones", they are available for purchase by anyone for a few hundred to a few thousand dollars. They have strikingly useful capabilities. They can carry high-definition video cameras, infrared imaging equipment, sensors for aerial surveying and mapping. They can stream their video in real time. They have GPS, inertial guidance, magnetic compasses, altimeters, and sonic ground sensors that permit them to fly a preprogrammed flightplan, take off and land autonomously, hover and orbit autonomously with the flick of a switch on the DRone Operator's ("DROPs") console. The benefits they can confer on law enforcement, journalism, land-use planning, real estate sales, critical infrastructure protection and environmental preservation activities are obvious. However, their proliferation in response to these demands will present substantial risks to aviation safety. How to ensure the safety of drone operations perplexes aviation regulators around the world. They are inexpensive consumer products, unsuited for traditional requirements for manned aircraft costing hundreds of thousands or millions of dollars and flown only by licensed pilots who have dedicated significant parts of their lives and their wealth to obtaining licenses. Regulatory agencies in Europe and Asia are ahead of US regulators in creating spaces for commercial use. Over the next several years, legal requirements must be crystallized, existing operators of helicopter and airplanes must refine their policy positions and their business plans to take the new technologies into account, and all businesses from the smallest entrepreneur to large conglomerates must decide whether and how to use them. *Domesticating Drones* offers rigorous engineering, economics, legal and policy theory and

doctrine on this important and far-reaching development within aviation.

Drone Law and Policy describes the drone industry and its evolution, describing the benefits and risks of its exponential growth. It outlines the current and proposed regulatory framework in Australia, the United States, the United Kingdom and Europe, taking into consideration the current and evolving technological and insurance landscape. This book makes recommendations as to additional regulatory and insurance initiatives which the authors believe are necessary to achieve an effective balance between the various competing interests. The 23 chapters are written by global specialists on crucial topics, such as terrorism and security, airport and aircraft safety, maritime deployment, cyber-risks, regulatory oversight, licensing, standards and insurance. This book will provide authoritative reference and expert guidance for regulators and government agencies, legal practitioners, insurance companies and brokers globally, as well as for major organisations utilising drones in industrial applications.

Sometimes, all that is needed to change someone's mind is a change of perspective. Flying cameras, freed from the constraints of gravity, redefine how we perceive the world we live in and reveal previously unseen moments of beauty. Very rarely does a new technology level a playing field in an art form, allowing unknown talents to share headlines with established artists. Drones are one of these great equalizers. With this book, we are shining a spotlight on some of the world's best aerial photography. We examine not just the works of well-known aerial photographers, but also the many phenomenal images captured by non-professionals. The subjects of those showcased range from a volcanic eruption to the abstract patterns of fish farms as seen from above, and from never-before-seen views of Patagonia to powerful impressions of the Cliffs of Moher in Ireland. Above the World is an ode to the beauty of the aerial image as it can be seen and captured by anyone. Let yourself be inspired.

I'm the Lost Princess of Howling Sky. Only a few days ago, I would have said that was crazy, that I'm just Sorissa. Now I'm living crazy. Everybody wants to use me for their own gain in the Prime War. Except for Phantom Fangs, my werewolves. I left with vampires to save their lives. Maybe the vampires intend to kill me, but I'm not that fragile. I'll survive, and I'll keep my werewolves safe. Five hearts become one.

The two-volume set LNCS 11295 and 11296 constitutes the thoroughly refereed proceedings of the 25th International Conference on MultiMedia Modeling, MMM 2019, held in Thessaloniki, Greece, in January 2019. Of the 172 submitted full papers, 49 were selected for oral presentation and 47 for poster presentation; in addition, 6 demonstration papers, 5 industry papers, 6 workshop papers, and 6 papers for the Video Browser Showdown 2019 were accepted. All papers presented were carefully reviewed and selected from 204 submissions.

This book showcases how new and emerging technologies like Unmanned Aerial Vehicles (UAVs) are trying to provide solutions to unresolved socio-economic and environmental problems. Unmanned vehicles can be classified into five different types according to their operation. These five types are unmanned ground vehicles, unmanned aerial vehicles, unmanned surface vehicles (operating on the surface of the water), unmanned underwater vehicles, and unmanned spacecraft. Unmanned vehicles can be guided remotely or function as autonomous vehicles. The technology has a wide range of uses including agriculture, industry, transport, communication, surveillance and environment applications. UAVs are widely used in precision agriculture; from monitoring the crops to crop damage assessment. This book explains the different methods in which they are used, providing step-by-step image processing and sample data. It also discusses how smart UAVs will provide unique opportunities for manufacturers to utilise new technological trends to overcome the current challenges of UAV applications. The book will be of great interest to researchers engaged in forest carbon measurement, road patrolling, plantation monitoring, crop yield estimation, crop damage assessment, terrain modelling, fertilizer control, and pest control.

This open access, interdisciplinary book presents innovative strategies in the use of civil drones in the cultural and creative industry. Specially aimed at small and medium-sized enterprises (SMEs), the book offers valuable insights from the fields of marketing, engineering, arts and management. With contributions from experts representing varied interests throughout the creative industry, including academic researchers, software developers and engineers, it analyzes the needs of the creative industry when using civil drones both outdoors and indoors. The book also provides timely recommendations to the industry, as well as guidance for academics and policymakers.

This book constitutes the thoroughly refereed post-workshop proceedings of the 23rd International Workshop on Security Protocols, held in Cambridge, UK, in March/April 2015. After an introduction the volume presents 18 revised papers each followed by a revised transcript of the presentation and ensuing discussion at the event. The theme of this year's workshop is "Information Security in Fiction and in Fact".

This book introduces readers to the latest findings on disaster robotics. It is based on the ImPACT Tough Robotics Challenge, a national project spearheaded by the Japan Cabinet Office that focuses on developing robotics technologies to aid in disaster response, recovery and preparedness. It presents six subprojects that involve robot platforms and several component technologies used in conjunction with robots: cyber rescue canines, which are digitally empowered rescue dogs; serpent-like robots for searching debris; serpent-like robots for plant/infrastructure inspection; UAVs for gathering information on large areas struck by disaster; legged robots for plant/infrastructure inspection in risky places; and construction robots for recovery tasks that require both power and precision. The book offers a valuable source of information for researchers, engineers and practitioners in safety, security and rescue robotics, disaster robotics, and plant and infrastructure maintenance. It will also appeal to a wider demographic, including students and academics, as it highlights application scenarios and the total concept for each robot in various scientific and technical contexts. In addition to a wealth of figures and photos that explain these robots and systems, as well as experimental data, the book includes a comprehensive list of published papers from this project for readers to refer to. Lastly, an external website offers video footage and updated information from the International Rescue System Institute.

This deft and thorough update ensures that The Wildlife Techniques Manual will remain an indispensable resource, one that professionals and students in wildlife biology, conservation, and management simply cannot do without.

The information below is the reason I wrote this book, drones will be commercialized in the future surrounding the year 2025 according to research I've seen. Now is the time as an entrepreneur for making money with drones. Commercial drones and their services are expected to become a multibillion-dollar industry in the next decade, according to a new report from market intelligence firm Tractica. The report says that in 2017, drone revenue should amount to \$792 million — mostly from hardware sales. By 2025, Tractica predicts the market will rise to \$12.6 billion, with two-thirds of the revenue coming from drone-based services rather than hardware. “A number of major industries are seeing strong value propositions in utilizing drones for commercial use,” says Tractica research analyst Manoj Sahi. He named media, real estate and disaster relief as just a few of the industries that could use drone-enabled services. The report says that advances in technology, economies of scale, cloud-based applications and the drive to disrupt the market will contribute to commercial drone success in the coming years. Via GeekWire

1. Drone Aerial Photography
2. Drone Business Plan
3. Drone Gold Rush
4. Drone Operator FAA Rules
5. Drone Licensing
6. Commercial Drones
7. Air Drone Business Benefits
8. Drone Apps
9. Drone Businesses for the NOW
10. Marketing Drone Photography
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13. Security Drone Project
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17. Drones via Real Estate
18. Drones and Hacking
19. Drone Business Ideas
20. Drone Wedding Photography
21. FPV flying in Drone Operation
22. Intro to Drone Racing Sports
23. Professional Drone Racing

This comprehensive resource explains the development of UAVs, drone threats, counter-UAV systems, and strategies to handle UAVs, focusing on the practical aspects of counter-unmanned aerial vehicle (UAV) systems and technologies. Theory, technical and operational practice with insights from industry and policing are covered, and the full rogue drone threat landscape and counter-drone technologies and systems is explored. The book provides insight into counter-drone strategy, developing effective counter-drone strategies and measures, as well as counter-drone programs and the regulatory frameworks governing the use of drones. It includes analysis of future drone and counter-drone challenges and highlights ongoing research and innovation activities and an examination of future drone technologies. Written by authors who have extensive academic, research, innovation, technical, industry and police operational investigative expertise at international level, this book is useful for the aviation sector, law enforcement and academia.

This is a 3-volume book. First Published in 2015. Routledge is an imprint of Taylor & Francis, an Informa company.

The Hen Who Sailed Around the World A True Story Little, Brown Books for Young Readers

Journey with Shiye as he shares his truths, insights, wisdom and humor in this incredible, moving, true story of the Standing Rock movement. From before the first tipi was erected until after the camps were raided, Shiye tells the stories of water protectors who try to stop an oil pipeline with their prayers and presence. He takes us on adventures with his drone. He tells us about the water protectors who were met with violent resistance and how this all ties into the Indigenous oppression in the United States today. And he tells us the story of how the water protectors spread out like seeds to start a worldwide awareness movement of Indigenous and environmental issues.

These proceedings gather papers presented at the Cyber Security Education Stream and Cyber Security Technology Stream of The National Cyber Summit's Research Track, and report on the latest advances in areas ranging from software security to cyber attack detection and modeling; the use of machine learning in cyber security; legislation and policy; surveying small businesses; cyber competition, and so on. Understanding the latest capabilities in cyber security is the best way to prepare users and organizations for potential negative events. Consequently, this book will be of interest to cyber security researchers, educators and practitioners, as well as students who want to learn about cyber security.

The Historical Dictionary of the Chinese Economy contains a chronology, an introduction, and an extensive bibliography. The dictionary section has over 400 cross-referenced entries on critical sectors of the economy including automobiles, banking and finance, national currency, economic regulation, trade and investment.

This book explores the economic and broader societal rationale for using unmanned aerial vehicle (UAV) or “drone” technologies as a complement to the current transport and logistics systems in several use cases in East Africa. The specific use cases examined include medical goods deliveries, food aid delivery, land mapping and risk assessment, agriculture, and transport and energy infrastructure inspection. Across these applications, the case for using UAVs is examined within the context of logistics objectives—total operating costs, speed, availability, and flexibility—as well as human, or societal, objectives. In the public health use case, as more low- and middle-income countries explore opportunities to improve efficiency and performance in their health supply chains and diagnostics networks, they face myriad choices about how best to use UAVs to improve product availability and public health outcomes and to reach the last mile. The high-level findings from this analysis are that, if examining commodity categories individually and looking exclusively at costs, delivery with UAVs in general is still more expensive for most categories. Although the cost is still higher, the most cost-effective use case examples include the transport of laboratory samples to selected destinations and delivery of life-saving items and blood. However, “layering” several use cases can provide efficiencies and cost savings by allocating fixed costs across a greater number of flights and maximizing capacity and time utilization. From the perspective of public decision-makers, the cost effectiveness of UAVs cannot be analyzed without looking at the public health benefits, which may be substantial. Drone application in the other use cases examined in this book, such as mapping, risk assessment, and agriculture, is relatively more common than cargo drone operations, and the existing pilot initiatives in East Africa have delivered impressive results for speed and quality (precision). Food aid delivery by drones is still mostly at a planning, rather than implementation, stage. Drone applications are rapidly evolving, and several use cases could gain impact and scale over the coming years.

Climate change impacts the wellbeing of societies across the entire globe. By utilizing innovative technologies, public health can be better protected in the years to come. Utilizing Innovative Technologies to Address the Public Health Impact of Climate Change: Emerging Research and Opportunities presents an ambitious examination on the implementation of technology to mitigate and create resilience against the impacts of climate change. Highlighting a range of topics such as water management, vulnerable populations, and disaster risk analysis, this book is ideally designed for academics, students, researchers, and professionals interested in emerging progress in climate change protection.

From New York Times & USA Today bestselling author Dima Zales, an intense new techno-thriller that pushes the limits of what it means to be human. With billions in the bank and my own venture capital firm, I'm living the American dream. My only problem? A car accident that leaves my mother with memory problems. Brainocytes, a new technology that can transform our brains, could be

the answer to all of my problems—but I'm not the only one who sees its potential. Plunged into a criminal underworld darker than anything I could've imagined, my life-saving technology might be the death of me. My name is Mike Cohen, and this is how I became more than human. Please note: This book was formerly titled Human++.

Selecting the right technology is one of the most critical decisions in technology driven enterprises, and no selection is complete without a thorough and informed evaluation. This book explores the digital transformation movement from three perspectives: the technological, the personal, and the organizational. The technical perspective analyses and evaluates new and up and coming technologies such as IoT and Cloud Technology. The personal perspective focuses on the consumer's attitude and experience in the adoption of technologies such as smart homes, smart watches, drones and wireless devices. And the organizational perspective focuses on evaluating how technology-driven an organization and their core activities or products are. This book is an ideal reference for managers who are responsible for digital transformation in their organizations and also serves a good starting point for researchers interested in understanding the trend. The book contains case studies that may be used by educators in MBA and Engineering and Technology Management MS programs covering digital transformation related courses.

Discover the fascinating world of engineering with this exciting book full of amazing images, fun quizzes, and incredible information. Learn how engineering concepts such as levers, wheels and axles, and pulleys work, and how techniques have changed and developed over time. Showcasing engineering feats throughout history - from the pyramids of Ancient Egypt to the construction of the Brooklyn Bridge - and the famous engineers who built them, DK findout! Engineering covers steam engines, rocket technology, bridges, buildings, and more. Filled with colorful images and quirky facts and supporting STEM education initiatives, DK findout! Engineering is engaging and educational. Learn more about engineering - or anything else - at [www.dkfindout.com](http://www.dkfindout.com), a free educational website for kids to have fun with information and expand their knowledge.

In true The Da Vinci Code fashion, a taut thriller filled with rival factions vying for control of the truth in a giant global conspiracy. There were giants on the earth in those days—at least that's what the Bible says. But, where are they? Did they ever really exist at all? When out-of-work math teacher Ethan McCloud is sent a mysterious box, he and his ex-girlfriend begin to unravel a mystery 10,000 years in the making—and he is the last hope to discovering the world's greatest conspiracy. Chased by both the Six-Fingered Man and the Council of David, Ethan must survive the chase—and find the truth.

"[Singer's] enthusiasm becomes infectious . . . Wired for War is a book of its time: this is strategy for the Facebook generation." —Foreign Affairs "An engrossing picture of a new class of weapon that may revolutionize future wars. . ." —Kirkus Reviews P. W. Singer explores the greatest revolution in military affairs since the atom bomb: the dawn of robotic warfare We are on the cusp of a massive shift in military technology that threatens to make real the stuff of I, Robot and The Terminator. Blending historical evidence with interviews of an amazing cast of characters, Singer shows how technology is changing not just how wars are fought, but also the politics, economics, laws, and the ethics that surround war itself. Travelling from the battlefields of Iraq and Afghanistan to modern-day "skunk works" in the midst of suburbia, Wired for War will tantalise a wide readership, from military buffs to policy wonks to gearheads.

Few global security issues stimulate more fervent passion than the application of brute force. Despite the fierce debate raging about it in government, society and the Academy, inadequate strategic understanding surrounds the issue, prompting the urgent need for —the first comprehensive systematic global analysis of 21st century state-initiated internal and external applications of brute force. Based on extensive case evidence, Robert Mandel assesses the short-term and long-term, the local and global, the military, political, economic, and social, and the state and human security impacts of brute force. He explicitly isolates the conditions under which brute force works best and worst by highlighting force initiator and force target attributes linked to brute force success and common but low-impact force legitimacy concerns. Mandel comes to two major overarching conclusions. First, that the modern global application of brute force shows a pattern of futility—but one that is more a function of states' misapplication of brute force than of the inherent deficiencies of this instrument itself. Second, that the realm for successful application of state-initiated brute force is shrinking: for while state-initiated brute force can serve as a transitional short-run local military solution, he says, it cannot by itself provide a long-run global strategic solution or serve as a cure for human security problems. Taking the evidence and his conclusions together, Mandel provides policy advice for managing brute force use in the modern world.

World War in Syria answers questions that will have continued relevance beyond the country's borders for years to come.

"Impressive in its scholarship, pondered in its judgements, above all searing in its dissection of Western powers' war on Syria waged over many decades, the book is a must-have on the bookshelves of any serious fair-minded student of Syria." --Peter Ford, British Ambassador to Syria from 2003 to 2006 "The most detailed history of the war in Syria so far, providing a richness of highly interesting details, as well as a critical analysis of its complex international and domestic dimensions, rarely encountered in other Western publications." --Nikolaos van Dam, former Special Envoy for Syria, 2015-16. Ambassador of the Netherlands to Iraq, Egypt, Turkey, Germany and Indonesia, Author of Destroying a Nation. The civil war in Syria. "A. B. Abrams explores the widening scope of the Syrian conflict in his important book. Solving Syria's civil war will require a regional approach engaging stakeholders whose interests are fundamentally opposed." --David L. Phillips, Director, Program on Peace-building and Rights, Columbia University Institute for the Study of Human Rights. "Abrams is a meticulous guide to the labyrinth of Syria's modern political history." --Richard W. Murphy. U.S. Ambassador to Syria, 1974 to 1978. Consul in Aleppo, Syria, 1960 to 1963 "A. B. Abrams has written an extremely informative and illuminating account on the international dimension of the origins, outbreak and evolution of the Syrian conflict. His empirically rich analysis in this nuanced and comprehensive study make it one of the best books, if not the best book, written about the Syrian crisis. This book is a MUST read for anyone who wants to understand the Syrian conflict, the Middle East, and the role of the great powers in the region." --Jubin Goodarzi, Professor and Deputy Head of International Relations, Webster University, Geneva. Former consultant and political adviser on Middle Eastern affairs for the UNHCR. "An insightful and dispassionate record of the Syrian Maelstrom and the West's role as the Sorcerer's Apprentice." --John Holmes, Major General and Director Special Forces (ret.), British Army.

This book fills a clear gap in the literature for a technically-focused book covering nuclear proliferation and related issues post-9/11. Using a concept-led approach which serves a broad readership, it provides detailed overview of nuclear weapons, nuclear proliferation and international nuclear policy. The author addresses topics including offensive and defensive missile systems, command and control, verification, weapon effects, and nuclear testing. A chronology of nuclear arms is presented including detailed discussion of the Cold War, proliferation, and arms control treaties. The

book is tailored to courses on nuclear proliferation, and the general reader will also find it a fascinating introduction to the science and strategy behind international nuclear policy in the modern era.

Meet Monique! In this true story, online phenomenon Guirec Soudée shares his adventures both unbelievable and heartwarming, sailing around the world with his brave, affectionate red hen, Monique. Monique is a highly accomplished chicken: she surfs, she skateboards, and she just crossed the world on a tiny boat with her human companion, Guirec, who helped steer. On their three-year journey, together they were unstoppable. When they became stranded in the ice off Greenland for four months, Monique, unruffled as always, kept Guirec alive with her eggs-- and they both made it home. Guirec and Monique are irresistible as unlikely comrades and friends taking on the world, and Guirec documented their journey with his remarkable, comical photographs. A deeply touching portrait of the real-life bond between animals and the humans who love them as well as a thrilling survival story, *The Hen Who Sailed Around the World* is an adventure for the ages.

Groundbreaking exposé of the rapid shift to robot warfare, by a leading antiwar activist. *Drone Warfare* is the first comprehensive analysis of one of the fastest growing—and most secretive—fronts in global conflict: the rise of robot warfare. In 2000, the Pentagon had fewer than fifty aerial drones; ten years later, it had a fleet of nearly 7,500, and the US Air Force now trains more drone “pilots” than bomber and fighter pilots combined. Drones are already a \$5 billion business in the US alone. The human cost? Drone strikes have killed more than 200 children alone in Pakistan and Yemen. CODEPINK and Global Exchange cofounder Medea Benjamin provides the first extensive analysis of who is producing the drones, where they are being used, who controls these unmanned planes, and what are the legal and moral implications of their use. In vivid, readable style, this book also looks at what activists, lawyers, and scientists across the globe are doing to ground these weapons. Benjamin argues that the assassinations we are carrying out from the air will come back to haunt us when others start doing the same thing—to us.

Given the popularity of drones and the fact that they are easy and cheap to buy, it is generally expected that the ubiquity of drones will significantly increase within the next few years. This raises questions as to what is technologically feasible (now and in the future), what is acceptable from an ethical point of view and what is allowed from a legal point of view. Drone technology is to some extent already available and to some extent still in development. The aim and scope of this book is to map the opportunities and threats associated with the use of drones and to discuss the ethical and legal issues of the use of drones. This book provides an overview of current drone technologies and applications and of what to expect in the next few years. The question of how to regulate the use of drones in the future is addressed, by considering conditions and contents of future drone legislation and by analyzing issues surrounding privacy and safeguards that can be taken. As such, this book is valuable to scholars in several disciplines, such as law, ethics, sociology, politics and public administration, as well as to practitioners and others who may be confronted with the use of drones in their work, such as professionals working in the military, law enforcement, disaster management and infrastructure management. Individuals and businesses with a specific interest in drone use may also find in the nineteen contributions contained in this volume unexpected perspectives on this new field of research and innovation. Bart Custers is Associate Professor and Head of Research at eLaw, the Center for Law and Digital Technologies at Leiden University, The Netherlands. He has presented his work at international conferences in the United States, China, Japan, the Middle East and throughout Europe and has published over 80 scientific, professional and popularizing publications, including three books. The book presents the proceedings of the 5th EAI International Conference on Management of Manufacturing Systems (MMS 2020), which took place online on October 27-29, 2020. The conference covers the management of manufacturing systems with support for Industry 4.0, logistics and intelligent manufacturing systems and applications, cooperation management, and its effective applications. Topics include RFID applications, economic impacts in logistics, ICT support for Industry 4.0, industrial and smart Logistics, intelligent manufacturing systems and applications, and much more. The topic is of interest to researchers, practitioners, students, and academics in manufacturing and communications engineering. Presents the proceedings of the 5th EAI International Conference on Management of Manufacturing Systems (MMS 2020); Covers topics such as Industry 4.0, smart logistics, smart cities, and intelligent manufacturing; Relevant for researchers, academics, and professionals.

Unmanned Aircraft Systems (UAS) are a rapidly evolving technology with an expanding array of diverse applications. In response to the continuing evolution of this technology, this book discusses unmanned aerial vehicles (UAVs) and similar systems, platforms and sensors, as well as exploring some of their environmental applications. It explains how they can be used for mapping, monitoring, and modeling a wide variety of different environmental aspects, and at the same time addresses some of the current constraints placed on realizing the potential use of the technology such as s flight duration and distance, safety, and the invasion of privacy etc. Features of the book: Provides necessary theoretical foundations for pertinent subject matter areas Introduces the role and value of UAVs for geographical data acquisition, and the ways to acquire and process the data Provides a synthesis of ongoing research and a focus on the use of technology for small-scale image and spatial data acquisition in an environmental context Written by experts of the technology who bring together UAS tools and resources for the environmental specialist *Unmanned Aerial Remote Sensing: UAS for Environmental Applications* is an excellent resource for any practitioner utilizing remote sensing and other geospatial technologies for environmental applications, such as conservation, research, and planning. Students and academics in information science, environment and natural resources, geosciences, and geography, will likewise find this comprehensive book a useful and informative resource.

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