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## **U.S. Marines in Afghanistan, 2001-2009** - U S Marine Corps History Division 2017-02-05

This volume presents a collection of 38 articles, interviews, and speeches describing many aspects of the U.S. Marine Corps' participation in Operation Enduring Freedom from 2001 to 2009. This work is intended to serve as a general overview and provisional reference to inform both Marines and the general public until the History Division completes monographs dealing with major Marine Corps operations during the campaign. The accompanying annotated bibliography provides a detailed look at selected sources that currently exist until new scholarship and archival materials become available. From the Preface - From the outset, some experts doubted that the U.S. Marines Corps would play a major role in Afghanistan given the landlocked nature of the battlefield. Naval expeditionary Task Force 58 (TF-58) commanded by then-Brigadier General James N. Mattis silenced naysayers with the farthest ranging amphibious assault in Marine Corps/Navy history. In late November 2001, Mattis' force seized what became Forward Operating Base Rhino, Afghanistan, from naval shipping some 400 miles away. The historic assault not only blazed a path for follow-on forces, it also cut off fleeing al-Qaeda and Taliban elements and aided in the seizure of Kandahar. While Corps doctrine and culture advocates Marine employment as a fully integrated Marine air-ground task force (MAGTF), deployments to Afghanistan often reflected what former Commandant General Charles C. Krulak coined as the "three-block war." Following TF-58's deployment during the initial take down of the Taliban regime, the MAGTF made few appearances in Afghanistan until 2008. Before then, subsequent Marine units often deployed as a single battalion under the command of the U.S. Army Combined Joint Task Force (CJTF) to provide security for provincial reconstruction teams. The Marine Corps also provided embedded training teams to train and mentor the fledgling Afghan National Army and Police. Aviation assets sporadically deployed to support the U.S.-led coalition mostly to conduct a specific mission or to bridge a gap in capability, such as close air support or electronic warfare to counter the improvised explosive device threat. From 2003 to late 2007, the national preoccupation with stabilizing Iraq focused most Marine Corps assets on stemming the insurgency, largely centered in the restive al-Anbar Province. As a result of the North Atlantic Treaty Organization (NATO) taking over command of Afghan operations and Marine Corps' commitments in Iraq, relatively few Marine units operated in Afghanistan from late 2006 to 2007. Although Marines first advocated shifting resources from al-Anbar to southern Afghanistan in early 2007, the George W. Bush administration delayed the Marine proposal for fear of losing the gains made as a result of Army General David H. Petraeus' "surge strategy" in Iraq. By late 2007, the situation in Afghanistan had deteriorated to the point that it inspired Rolling Stone to later publish the story "How We Lost the War We Won." In recognition of the shifting tides in both Iraq and Afghanistan, the Bush administration began to transfer additional resources to Afghanistan in early 2008. The shift prompted senior Marines to again push for a more prominent role in the Afghan campaign, even proposing to take over the Afghan mission from the Army. . . .

*The Supreme Command* - Forrest C. Pogue 1954

## **Humanitarian Operations in Northern Iraq, 1991 with Marines in Operation Provide Comfort** - Ronald J. Brown 1995

*Naval Science 2* - Richard R. Hobbs 2006-05

A Textbook on Maritime History, Leadership, and Nautical Sciences for the NJROTC Student

**Apollo's Warriors** - Michael E. Haas 1998-05

Presenting a fascinating insider's view of U.S.A.F. special operations, this volume brings to life the critical contributions these forces have made to

the exercise of air & space power. Focusing in particular on the period between the Korean War & the Indochina wars of 1950-1979, the accounts of numerous missions are profusely illustrated with photos & maps. Includes a discussion of AF operations in Europe during WWII, as well as profiles of Air Commandos who performed above & beyond the call of duty. Reflects on the need for financial & political support for restoration of the forces. Bibliography. Extensive photos & maps. Charts & tables.

*Vietnam Studies* - Col Francis J. Kelly 2016-12-10

As long ago as 1957, U.S. Army Special Forces soldiers were in the Republic of Vietnam. going about their business of training, advising, and assisting members of the Vietnamese Army. Despite the old Army witticism about never volunteering for anything, the Special Forces soldier is. in fan, a double volunteer, having first volunteered for airborne training and then again for Special Forces training. From a very meager beginning but sustained by a strong motivation and confidence in his mission, the Special Forces soldier has marched through the Vietnam struggle in superb fashion. In 1957 some fifty-eight Vietnamese soldiers were given military training by Special Forces troops. Ten years later the Special Forces were advising and assisting over 40,000 paramilitary troops, along with another 40,000 Regional Forces and Popular Forces soldiers. This monograph traces the development and notes the progress, problems, successes, and failures of a unique program undertaken by the U.S. Army for the first time in its history. It is hoped that all the significant lessons learned have been recorded and the many pitfalls of such a program uncovered. I am responsible for the conclusions reached, yet my thought processes could not escape the influence of the many outstanding officers and men in the Special Forces who joined in the struggle. Particularly, I must lake note of the contributions of the Special Forces noncommissioned officers, without question the most competent soldiers in the world. With the withdrawal of the Special Forces from Vietnam in 1971, the Army could honestly lay claim to a new dimension in ground warfare-the organized employment of a paramilitary force in sustained combat against a determined enemy. I know I speak for my predecessors and successors in claiming that the 5th Special Forces Group (Airborne) was the finest collection of professional soldiers ever assembled by the U.S. Army, anywhere, anytime. Francis John Kelly Colonel, Armor 1972

*Gender and Forests* - Carol J. Pierce Colfer 2016-04-14

This enlightening book brings together the work of gender and forestry specialists from various backgrounds and fields of research and action to analyse global gender conditions as related to forests. Using a variety of methods and approaches, they build on a spectrum of theoretical perspectives to bring depth and breadth to the relevant issues and address timely and under-studied themes. Focusing particularly on tropical forests, the book presents both local case studies and global comparative studies from Africa, Asia, and Latin America, as well as the US and Europe. The studies range from personal histories of elderly American women's attitudes toward conservation, to a combined qualitative / quantitative international comparative study on REDD+, to a longitudinal examination of oil palm and gender roles over time in Kalimantan. Issues are examined across scales, from the household to the nation state and the global arena; and reach back to the past to inform present and future considerations. The collection will be of relevance to academics, researchers, policy makers and advocates with different levels of familiarity with gender issues in the field of forestry.

**On Contested Shores** - Timothy Heck 2020

"The basis for On Contested Shores has been under construction since before the Commandant released the planning guidance. As career Marine officers, who spent very little time at sea, the editors have long been concerned that the Marine Corps was becoming too land-centric, heavily reflecting the characteristics of a second land army. This has

been true since 1991, when the Marine Corps participated in a land campaign in Iraq, and especially since 2001, when it participated in three land campaigns: Afghanistan, Iraq, and Syria. To fight these battles, the Marine Corps became heavier, upgraded equipment, and generally focused on counterinsurgency tactics vice amphibious warfare. While the Marine Corps always steps up to fight alongside the U.S. Army, its purpose is naval campaigns fought alongside the U.S. Navy. This book is in part a way to help figure out how to regain and maintain the skills necessary for maritime operations"--

*T-Shirts and Suits: A Guide to the Business of Creativity* -

In Defense of the Indians - Bartolomé de las Casas 1992

Contains primary source material.

**Understanding Command and Control** - David Stephen Alberts 2006

"Understanding Command and Control is the first in a new series of CCRP Publications that will explore the future of Command and Control ... This book begins at the beginning: focusing on the problem(s) Command and Control was designed (and has evolved) to solve. It is only by changing the focus from what Command and Control is to why Command and Control is that we will place ourselves in a position to move on"--Preface.

On a Steel Horse I Ride - Darrel D. Whitcomb 2012

Airpower for Strategic Effect - Colin S. Gray 2012-08-01

In this magisterial tour d'horizon of the air weapon's steady rise in effectiveness since its fledgling days, Colin Gray, a prolific strategist of long-standing scholarly achievement and international repute, has rightly taken a long view of today's pattern of regional conflict by appraising airpower in the broader context in which its operational payoff will ultimately be registered. His careful development of airpower's "strategic narrative," as he calls it, shows convincingly how the relative criticality of the air weapon in joint warfare is neither universal nor unchanging but rather is crucially dependent on the particular circumstances of a confrontation. More to the point, viewed situationally, airpower can be everything from single-handedly decisive to largely irrelevant to a combatant commander's needs, depending on his most pressing challenges of the moment. Because its relative import, like that of all other force elements, hinges directly on how its comparative advantages relate to a commander's most immediate here-and-now concerns, airpower does not disappoint when it is not the main producer of desired outcomes. Indeed, the idea that airpower should be able to perform effectively in all forms of combat unaided by other force elements is both an absurd measure of its operational merit and a baseless arguing point that its most outspoken advocates, from Giulio Douhet and Billy Mitchell onward, have done their cause a major disservice by misguidedly espousing over many decades. Although the air weapon today may have been temporarily overshadowed by more land-centric forms of force employment, given the kinds of lower-intensity conflicts that the United States and its allies have been obliged to contend with in recent years, there will most assuredly be future times when new challenges yet to arise will again test America's air posture to the fullest extent of its deterrent and combat potential. Professor Gray's central theme is that airpower generates strategic effect. More specifically, he maintains, airpower is a tactical equity that operates—ideally—with strategic consequences. To him, "strategic" does not inhere in the equity's physical characteristics, such as an aircraft's range or payload, but rather in what it can do by way of producing desired results. From his perspective, a strategic effect is, first and foremost, that which enables outcome-determining results. And producing such results is quintessentially the stock in trade of American airpower as it has progressively evolved since Vietnam. *Airpower for Strategic Effect* offers an uncommonly thoughtful application of informed intellect to an explanation of how modern air warfare capabilities should be understood. Along the way, it puts forward a roster of observations about the air weapon that warrant careful reflection by all who would presume to find it wanting. Among the most notable of those observations are that context rules in every case and that whether airpower should be regarded as supported by or supporting of other force elements is not a question that can ever have a single answer for all time. Rather, as noted above, the answer will hinge invariably on the unique conditions of any given conflict.

*Eyes of Artillery* - Edgar F. Raines 2000

Fighting Against the Injustice of the State and Globalization - A. Jalata 2002-02-08

The book examines, compares, and contrasts the African American and Oromo movements by locating them in the global context, and by showing how life chances changed for the two peoples and their descendants as the modern world system became more complex and developed. Since the same global system that created racialized and exploitative structures in African American and Oromo societies also facilitated the struggles of these two peoples, this book demonstrates the dynamic interplay between social structures and human agencies in the system. African Americans in the United States of America and Oromos in the Ethiopian Empire developed their respective liberation movements in opposition to racial/ethnonational oppression, cultural and colonial domination, exploitation, and underdevelopment. By going beyond its focal point, the book also explores the structural limit of nationalism, and the potential of revolutionary nationalism in promoting a genuine multicultural democracy.

Woman Hollering Creek - Sandra Cisneros 2013-04-30

A collection of stories by Sandra Cisneros, the winner of the 2019 PEN/Nabokov Award for Achievement in International Literature. The lovingly drawn characters of these stories give voice to the vibrant and varied life on both sides of the Mexican border with tales of pure discovery, filled with moments of infinite and intimate wisdom.

*Dressing for Altitude* - Dennis R. Jenkins 2012-08-27

"Since its earliest days, flight has been about pushing the limits of technology and, in many cases, pushing the limits of human endurance. The human body can be the limiting factor in the design of aircraft and spacecraft. Humans cannot survive unaided at high altitudes. There have been a number of books written on the subject of spacesuits, but the literature on the high-altitude pressure suits is lacking. This volume provides a high-level summary of the technological development and operational use of partial- and full-pressure suits, from the earliest models to the current high altitude, full-pressure suits used for modern aviation, as well as those that were used for launch and entry on the Space Shuttle. The goal of this work is to provide a resource on the technology for suits designed to keep humans alive at the edge of space."--NTRS Web site.

Hitler's Shadow - Richard Breitman 2011-04-01

This report is based on findings from newly-declassified decades-old Army and CIA records released under the Nazi War Crimes Disclosure Act of 1998. These records were processed and reviewed by the National Archives-led Nazi War Crimes and Japanese Imperial Government Records Interagency Working Group. The report highlights materials opened under the Act, in addition to records that were previously opened but had not been mined by historians and researchers, including records from the Office of Strategic Services (a CIA predecessor), dossiers of the Army Staff's Intelligence Records of the Investigative Records Repository, State Dept. records, and files of the Navy Judge Advocate General. This is a print on demand report.

*Operation Iraqi Freedom* - Walt L. Perry 2015

Summarizes a report on the planning and execution of operations in Operation IRAQI FREEDOM through June 2004. Recommends changes to Army plans, operational concepts, doctrine, and Title 10 functions.

*Surface and Thin Film Analysis* - Gernot Friedbacher 2011-03-31

Surveying and comparing all techniques relevant for practical applications in surface and thin film analysis, this second edition of a bestseller is a vital guide to this hot topic in nano- and surface technology. This new book has been revised and updated and is divided into four parts - electron, ion, and photon detection, as well as scanning probe microscopy. New chapters have been added to cover such techniques as SNOM, FIM, atom probe (AP), and sum frequency generation (SFG). Appendices with a summary and comparison of techniques and a list of equipment suppliers make this book a rapid reference for materials scientists, analytical chemists, and those working in the biotechnological industry. From a Review of the First Edition (edited by Bubert and Jenett) "... a useful resource..." (Journal of the American Chemical Society)

**The Praetorian STARShip : the untold story of the Combat Talon** - 2001

Jerry Thigpen's study on the history of the Combat Talon is the first effort to tell the story of this wonderfully capable machine. This weapons system has performed virtually every imaginable tactical event in the spectrum of conflict and by any measure is the most versatile C-130 derivative ever produced. First modified and sent to Southeast Asia (SEA) in 1966 to replace theater unconventional warfare (UW) assets that were limited in both lift capability and speed the Talon I quickly adapted to theater UW tasking including infiltration and resupply and

psychological warfare operations into North Vietnam. After spending four years in SEA and maturing into a highly respected UW weapons system the Joint Chief of Staff (JCS) chose the Combat Talon to lead the night low-level raid on the North Vietnamese prison camp at Son Tay. Despite the outcome of the operation the Talon I cemented its reputation as the weapons system of choice for long-range clandestine operations. In the period following the Vietnam War United States Air Force (USAF) special operations gradually lost its political and financial support which was graphically demonstrated in the failed Desert One mission into Iran. Thanks to congressional supporters like Earl Hutto of Florida and Dan Daniel of Virginia funds for aircraft upgrades and military construction projects materialized to meet the ever-increasing threat to our nation. Under the leadership of such committed hard-driven officers as Brenci Uttaro Ferkes Meller and Thigpen the crew force became the most disciplined in our Air Force. It was capable of penetrating hostile airspace at night in a low-level mountainous environment covertly to execute any number of unconventional warfare missions.

*The Bear Went Over the Mountain* - Lester W. Grau 1996  
counterinsurgency punctuated by moments of heady excitement and terror. Colonel Grau, the editor and translator, has added his own commentary to produce a useful guide for commanders to meet the challenges of this kind of war and to help keep his fellow soldiers alive. This book will also be of interest to the historian and general reader, who will discover that advances in technology have had little impact on this kind of war, and that many of the same tactics the British Army used on the Northwest Frontier still apply today.

**Audio Production and Critical Listening** - Jason Corey 2016-08-12  
Audio Production and Critical Listening: Technical Ear Training, Second Edition develops your critical and expert listening skills, enabling you to listen to audio like an award-winning engineer. Featuring an accessible writing style, this new edition includes information on objective measurements of sound, technical descriptions of signal processing, and their relationships to subjective impressions of sound. It also includes information on hearing conservation, ear plugs, and listening levels, as well as bias in the listening process. The interactive web browser-based "ear training" software practice modules provide experience identifying various types of signal processes and manipulations. Working alongside the clear and detailed explanations in the book, this software completes the learning package that will help you train you ears to listen and really "hear" your recordings. This all-new edition has been updated to include: Audio and psychoacoustic theories to inform and expand your critical listening practice. Access to integrated software that promotes listening skills development through audio examples found in actual recording and production work, listening exercises, and tests. Cutting-edge interactive practice modules created to increase your experience. More examples of sound recordings analysis. New outline for progressing through the EQ ear training software module with listening exercises and tips.

*The Science of String Instruments* - Thomas D. Rossing 2010-12-15  
Thomas D. Rossing String instruments are found in almost all musical cultures. Bowed string instruments form the backbone of symphony orchestras, and they are used widely as solo instruments and in chamber music as well. Guitars are used universally in pop music as well as in classical music. The piano is probably the most versatile of all musical instruments, used widely not only in ensemble with other musical instruments but also as a solo instrument and to accompany solo instruments and the human voice. In this book, various authors will discuss the science of plucked, bowed, and hammered string instruments as well as their electronic counterparts. We have tried to tell the fascinating story of scientific research with a minimum of mathematics to maximize the usefulness of the book to performers and instrument builders as well as to students and researchers in musical acoustics. Sometimes, however, it is difficult to "translate" ideas from the exact mathematical language of science into words alone, so we include some basic mathematical equations to express these ideas. It is impossible to discuss all families of string instruments. Some instruments have been researched much more than others. Hopefully, the discussions in this book will help to encourage further scientific research by both musicians and scientists alike. 1.1 A Brief History of the Science of String Instruments Quite a number of good histories of acoustics have been written (Lindsay 1966, 1973; Hunt 1992; Beyer 1999), and these histories include musical acoustics.

**Cerebral Palsy** - Freeman Miller 2006-05-08  
When a child has a health problem, parents want answers. But when a child has cerebral palsy, the answers don't come quickly. A diagnosis of this complex group of chronic conditions affecting movement and

coordination is difficult to make and is typically delayed until the child is eighteen months old. Although the condition may be mild or severe, even general predictions about long-term prognosis seldom come before the child's second birthday. Written by a team of experts associated with the Cerebral Palsy Program at the Alfred I. duPont Hospital for Children, this authoritative resource provides parents and families with vital information that can help them cope with uncertainty. Thoroughly updated and revised to incorporate the latest medical advances, the second edition is a comprehensive guide to cerebral palsy. The book is organized into three parts. In the first, the authors describe specific patterns of involvement (hemiplegia, diplegia, quadriplegia), explain the medical and psychosocial implications of these conditions, and tell parents how to be effective advocates for their child. In the second part, the authors provide a wealth of practical advice about caregiving from nutrition to mobility. Part three features an extensive alphabetically arranged encyclopedia that defines and describes medical terms and diagnoses, medical and surgical procedures, and orthopedic and other assistive devices. Also included are lists of resources and recommended reading.

*Misfortunes of War* - Eric V. Larson 2007-02-09  
This monograph, part of a larger study of ways to reduce collateral damage undertaken for the U.S. Air Force, analyzes media and public reactions to civilian casualty incidents, whether these incidents affect media reporting or public support for military operations, and, if so, how. It analyzes case studies of incidents of civilian deaths in the February 1991 bombing of the Al Firdos bunker in the Gulf War, the April and May 1999 attacks on the Djakovica convoy and Chinese embassy during the war in Kosovo, the June 2002 attack involving an Afghan wedding party during operations in Afghanistan, and the March 2003 incident involving a large explosion in a crowded Baghdad marketplace to describe and explain how the U.S. and foreign media and publics have responded. For each case study, the study team examined press, public, and leadership responses to these incidents and found the following. First, while avoiding civilian casualties is important to the American public, it has realistic expectations about the actual possibilities for avoiding casualties. Second, the press reports heavily on civilian casualty incidents. Third, adversaries understand the public's sensitivities to civilian deaths and have sought to exploit them. Fourth, during armed conflict, the belief that the United States and its allies are trying to avoid casualties most affects support for U.S. military operations, both at home and abroad. Fifth, while strong majorities of Americans typically give U.S. military and political leaders the benefit of the doubt when civilian casualty incidents occur, this does not necessarily extend to foreign audiences. Sixth, when civilian casualty incidents occur, it is at least as important to get the story right as to get the story out. Finally, attention to and concern about civilian casualties both at home and abroad have increased in recent years and may continue to do so.

**Everyday Tonality II** - Philip Tagg 2014

**Weaving the Tangled Web** - Christopher M Rein Editor 2018-10-13  
Volume 1, Weaving the Tangled Web: Military Deception in Large-Scale Combat Operations surveys twelve cases of MILDEC from World War I through Desert Storm focusing on how armies have successfully used preconceptions to either immobilize an opponent or force the expenditure of energy in unproductive directions. The case studies span the major wars of the twentieth-century from the perspectives of several great powers and offer both a primer for planners of military deception and a caution for all military personnel to remain constantly on guard for practitioners of this ancient art.

**Mafiacraft** - Deborah Puccio-Den 2020-01-14  
The Mafia? What is the Mafia? Something you eat? Something you drink? I don't know the Mafia. I have never seen it.? So said Mommo Piromalli, a 'Ndrangheta crime boss, to a journalist in the seventies. In Mafiacraft, Deborah Puccio-Den explores the Mafia's reliance on the force of silence, and undertakes a new form of ethnographic inquiry that focuses on the questions, rather than the answers. For Puccio-Den, the Mafia is not a stable social fact, but a cognitive event shaped by actions of silence. Rather than inquiring about what has previously been written or said, she explores the imaginative power of silence and how it gives consistency to special kinds of social ties that draw their strength from a state of indetermination. What methods might anthropologists use to investigate silence and to understand the life of the denied, the unspeakable, and the unspoken? How do they resist, fight, or capitulate to the strength of words, or to the force of law? In Mafiacraft, Puccio-Den's addresses these questions with a fascinating anthropology of

silence that opens up new ground for the study of the world's most famous criminal organization.

**Mandolin For Dummies** - Don Julin 2012-08-03

The fun and easy way to learn to play the mandolin The newest addition to the highly successful Dummies instrument-instruction line, *Mandolin For Dummies* gives you easy-to-follow, step-by-step instruction on learning to play the mandolin. Following the time-tested Dummies format, *Mandolin For Dummies* provides a level of content and instruction greater than anything currently available. *Mandolin For Dummies* breaks down the fundamentals of this instrument and provides the resources you need to practice and improve your ability over time. Packed with individualized instruction on key mandolin-friendly musical styles, including Irish and Celtic, "old time" American music, blues, bluegrass, swing, and jazz Files available via download provide audio tracks from the book and exercises so you can play along and build your skills -- almost 2 hours of music! Clear and useful photos and diagrams ensure you fret, strum, and pick with precision Includes a mandolin buying guide to help ensure you make the right purchases Tips on restringing mandolins and other DIY care and maintenance topics If you're an aspiring mandolin player, don't fret! *Mandolin For Dummies* has you covered.

**Antisemitism** - F. Schweitzer 2003-05-29

In this provocative book, Marvin Perry and Frederick M. Schweitzer analyze the lies, misperceptions, and myths about Jews and Judaism that anti-semites have propagated throughout the centuries. Beginning with antiquity, and continuing into the present day, the authors explore the irrational fabrications that have led to numerous acts of violence and hatred against Jews. The book examines ancient and medieval myths central to the history of anti-semitism: Jews as 'Christ-killers', instruments of Satan, and ritual murderers of Christian children. It also explores the scapegoating of Jews in the modern world as conspirators bent on world domination; extortionists who manufactured the Holocaust as a hoax designed to gain reparation payments from Germany; and the leaders of the slave trade that put Africa in chains. No other book has focused its attention exclusively on a thematic discussion of historic and contemporary anti-semitic myths, covering such an expansive scope of time, and allowing for such a painstaking level of exemplification. *Antisemitism* is an essential book that will serve as a corrective to bigotry, stereotype, and historical distortion.

**Designing and Assessing Educational Objectives** - Robert J. Marzano 2008-05-01

Educators across grade levels and content areas can apply the concepts of Marzano's New Taxonomy to turn standards into concrete objectives and assessments to measure student learning.

**The War Against Trucks** - Bernard C. Nalty 2005

The Ho Chi Minh Trail, a maze of roads, trails, and waterways in eastern Laos, provided the conduit for supplies and replacements from North Vietnam to its forces fighting in South Vietnam. The supplies and people were infiltrated through passes in the mountains separating Laos and North Vietnam onto the Trail, which led into South Vietnam through Laos and Cambodia. Transportation on the Trail grew from porters and bicycles to a fleet of trucks. Infiltration began early in the war, and the United States began to interdict these supplies and people from the air to assist the South Vietnamese, using a variety of aircraft and weapons. As the United States increased its efforts to stop the trucks, the North Vietnamese increased their efforts to bring down U.S. aircraft, using larger and larger anti-aircraft guns and, ultimately, surface to air missiles. The most effective truck killers were the gunships, cargo aircraft equipped with guns firing from the left side of the aircraft and optical and electronic sensors to detect targets. The ultimate gunship was the AC-130E, which carried a 105-mm Army howitzer that fired a 5.6-pound projectile and could operate above 10,000 feet. In 1968, the United States began to operate a network of acoustic and seismic sensors in southern Laos that detected men and trucks transiting the Trail. Orbiting aircraft relayed signals from the sensors to a center in Thailand that analyzed the signals to determine numbers and location, then sent this information to controllers that dispatched attack aircraft. Sensors and methods improved over the years, increasing the accuracy of attacks. The invasion of South Vietnam in 1972 necessitated the use of most aircraft in direct support of combat troops there, effectively ending aerial interdiction of the Ho Chi Minh Trail in Laos.

**Functional safety of machine controls** - Hauke, M. 2019-08-20

The EN ISO 13849-1 standard, "Safety of machinery - Safety-related parts of control systems", contains provisions governing the design of such parts. This report is an update of BGIA Report 2/2008e of the same

name. It describes the essential subject-matter of the standard in its third, revised 2015 edition, and explains its application with reference to numerous examples from the fields of electromechanics, fluidics, electronics and programmable electronics, including control systems employing mixed technologies. The standard is placed in its context of the essential safety requirements of the Machinery Directive, and possible methods for risk assessment are presented. Based upon this information, the report can be used to select the required Performance Level PLr for safety functions in control systems. The Performance Level PL which is actually attained is explained in detail. The requirements for attainment of the relevant Performance Level and its associated Categories, component reliability, levels of diagnostic coverage, software safety and measures for the prevention of systematic and common-cause failures are all discussed comprehensively. Background information is also provided on implementation of the requirements in real-case control systems. Numerous example circuits show, down to component level, how Performance Levels a to e can be engineered in the selected technologies with Categories B to 4. The examples provide information on the safety principles employed and on components with well-trying safety functionality. Numerous literature references permit closer study of the examples provided. The report shows how the requirements of EN ISO 13849-1 can be implemented in engineering practice, and thus makes a contribution to consistent application and interpretation of the standard at national and international level.

**Dryland Opportunities** - Michael Mortimore 2009

Drylands cover 41 percent of the earth's terrestrial surface. The urgency of and international response to climate change have given a new place to drylands in terms both of their vulnerability to predicted climate change impacts and their potential contribution to climate change mitigation. This book aims to apply the new scientific insights on complex dryland systems to practical options for development. A new dryland paradigm is built on the resources and capacities of dryland peoples, on new and emergent economic opportunities, on inward investment, and on the best support that dryland science can offer.

**The Anthropology of the State** - Aradhana Sharma 2009-02-09

This innovative reader brings together classic theoretical texts and cutting-edge ethnographic analyses of specific state institutions, practices, and processes and outlines an anthropological framework for rethinking future study of "the state". Focuses on the institutions, spaces, ideas, practices, and representations that constitute the "state". Promotes cultural and transnational approaches to the subject. Helps readers to make anthropological sense of the state as a cultural artifact, in the context of a neoliberalizing, transnational world.

**Sustainable Rice Straw Management** - Martin Gummert 2020-01-01

This open access book on straw management aims to provide a wide array of options for rice straw management that are potentially more sustainable, environmental, and profitable compared to current practice. The book is authored by expert researchers, engineers and innovators working on a range of straw management options with case studies from Vietnam, the Philippines and Cambodia. The book is written for engineers and researchers in order to provide them information on current good practice and the gaps and constraints that require further research and innovation. The book is also aimed at extension workers and farmers to help them decide on the best alternative straw management options in their area by presenting both the technological options as well as the value chains and business models required to make them work. The book will also be useful for policy makers, required by public opinion to reduce greenhouse gas emissions and air pollution, looking for research-based evidence to guide the policies they develop and implement.

**Re-Authored Life Narratives After Trauma: A Holistic Narrative Model of Care** - Charles B. Manda 2019-12-12

Re-authoring Life Narratives after Trauma is an interdisciplinary, specialist resource for traumatic stress researchers, practitioners and frontline workers who focus their research and work on communities from diverse religious backgrounds that are confronted with trauma, death, illness and other existential crises. This book aims to argue that the biopsychosocial approach is limited in scope when it comes to reaching a holistic model of assessing and treating individuals and communities that are exposed to trauma. The holistic model must integrate an understanding of and respect for the many forms of religion and spirituality that clients might have (Pargament 2011). It will not only bring a spiritual perspective into the psychotherapeutic dialogue, but it will also assist in dealing with the different demands in pastoral ministry as related to clinical and post-traumatic settings. The book makes several

contributions to scholarship in the disciplines of, although not limited to, traumatic stress studies, pastoral care and counselling, psychology and psychiatry. Firstly, the book brings spirituality into the psychotherapeutic dialogue; traditionally, religious and spiritual topics have not been a welcome part of the psychotherapeutic dialogue. Secondly, it underscores the significance of documenting literary narratives as a means of healing trauma; writing about our traumas enables us to express things that cannot be conveyed in words, and to bring to light what has been suppressed and imagine new possibilities of

living meaningfully in a changed world. Thirdly, it proposes an extension to the five-stage model of trauma and recovery coined by Judith Herman. Battery Hazards - United States. National Highway Traffic Safety Administration

**Special Operations Forces Reference Manual** - Joint Special Operations 2019-11-28  
Special Operations Forces Reference Manual Fourth Edition