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Milica Boskovic, Ph.D.

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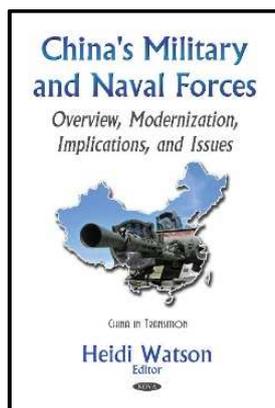
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CHINA IN TRANSITION SERIES



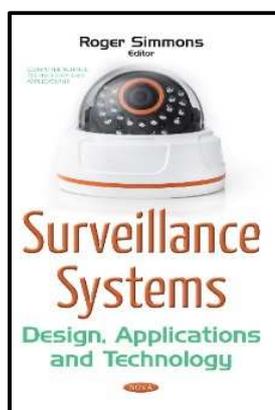
China's Military & Naval Forces Overview, Modernization, Implications, & Issues

Edited by Heidi Watson

China is building a modern and regionally powerful military with a modest but growing capability for conducting operations away from China's immediate periphery. The question of how the United States should respond to China's military modernization effort is a central issue in U.S. defense planning and foreign policy. Congress' decisions on this issue could affect U.S. defense strategy, budgets, plans, and programs, and the U.S. defense industrial base. This book provides a brief overview of the Chinese military. It provides background information and issues for Congress on China's naval modernization effort and its implications for U.S. Navy capabilities.

HB 9781634846936 £138.50 April 2016 Nova Science Publishers 165 pages

COMPUTER SCIENCE, TECHNOLOGY & APPLICATIONS SERIES



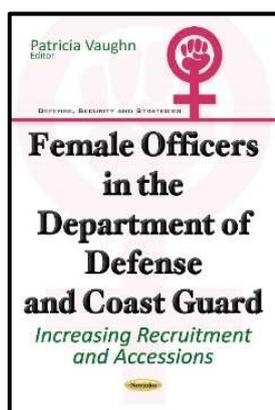
Surveillance Systems Design, Applications & Technology

Edited by Roger Simmons

In this book, Chapter One reviews basis elementary of residence security, classical residence security and health care surveillance system versus computer vision technique system, as well as directional versus omnidirectional imaging. Chapter Two provides practical guidelines for specialists who design, tune and evaluate video surveillance systems based on the automated tracking of moving objects. Chapter Three presents a methodology for tracker evaluation that quantifies performance against variations of the tracker input (data and configuration).

PB 9781536107036 £90.50 April 2017 Nova Science Publishers, Inc 115 pages

DEFENSE, SECURITY & STRATEGIES SERIES

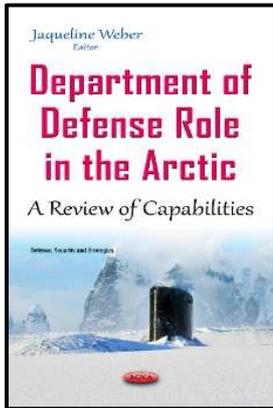


Female Officers in the Department of Defense & Coast Guard Increasing Recruitment & Accessions

Edited by Patricia Vaughn

Since the end of the Second World War, the role of women in the military has been evolving. Changes to laws and Department of Defense (DOD) policies have either eliminated or clarified restrictions on women serving in the military. A 2011 Military Leadership Diversity Commission reported that women comprise more than 50 percent of the recruiting pool for the officer corps. Public Law 113-291 included a provision for United States Government Accountability Office (GAO) to review the Armed Forces' outreach and recruitment efforts directed at women's representation in the officer corps, among other things. This book evaluates the extent to which accessions of women into the officer corps have increased, and DOD and the Coast Guard have determined resources and funding to increase the accessions of women into the officer corps; and DOD and the Coast Guard have initiatives and an oversight framework to increase the recruitment and accessions of female officers.

PB 9781634853972 £90.50 September 2016 Nova Science Publishers 70 pages



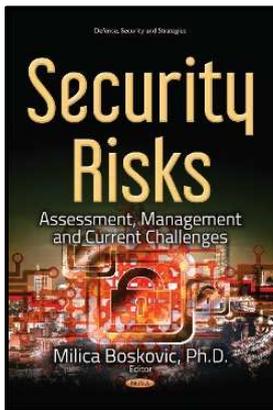
Department of Defense Role in the Arctic

A Review of Capabilities

Edited by Jaqueline Weber

Decreasing seasonal sea ice in the Arctic has made some Arctic waters navigable for longer periods and, as a result, may contribute to new economic opportunities in commercial shipping, oil exploration, and tourism. This could eventually increase the need for a U.S. military and homeland security presence in the Arctic, particularly in the maritime environment. This book discusses the role of DOD in the Arctic based on recent strategic guidance and its assessment of the security environment in the region; the actions taken by DOD to address near-term capability needs; and the efforts DOD has under way to update plans for the Arctic and identify future capability needs.

HB 9781634842389 £114.50 January 2016 Nova Science Publishers 91 pages



Security Risks

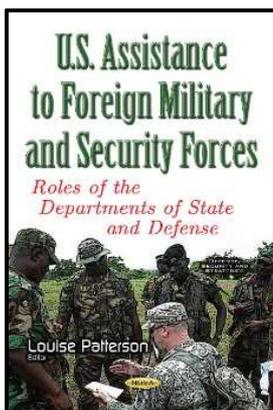
Assessment, Management & Current Challenges

Milica Boskovic

Security is one of the key pillars on which a stable society is built, and which guarantees the rights of its members. One of the modern strategies – human security – potentiates that economy, environment, security, social conditions and law are the main attributes and functions that provide citizen's with prosperity, a sense of safety and integrity. Good socio-economic conditions, healthy environment and respect for human rights provide a state with political and democratic strength. It also allows for business to be stronger and progressive.

This edition aims to provide some of the key challenges for modern societies so that scientists may explain them and give some solutions for better risk and crisis management. Scientists and researches from different areas and universities analyzed risks from areas of IT, global health, migrations, social engineering, nuclear weaponry, environmental protection, private anti-crime business and different security policies. One of the aims of this edition is to explain how important it is to recognize all different challenges, not to neglect them, but to provide them with all possible legal solutions, technical solutions and knowledge to protect people, society and state from qualitatively different risks and consequences.

HB 9781536120387 £219.50 July 2017 Nova Science Publishers 240 pages



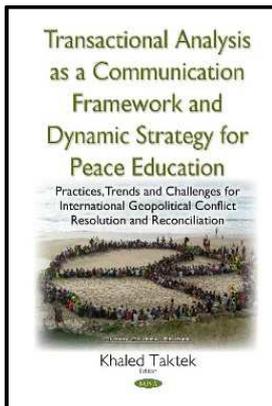
U.S. Assistance to Foreign Military & Security Forces

Roles of the Departments of State & Defense

Edited by Louise Patterson

The Department of State and the Department of Defense (DOD) have long shared responsibility for U.S. assistance to train, equip, and otherwise engage with foreign military and other security forces. The legal framework for such assistance emerged soon after World War II, when Congress charged the Secretary of State with responsibility for overseeing and providing general direction for military and other security assistance programs and the Secretary of Defense with responsibility for administering such programs. Over the years, congressional directives and executive actions have modified, shaped, and refined State Department and DOD roles and responsibilities. Changes in the legal framework through which security assistance to foreign forces—weapons, training, lethal and nonlethal military assistance, and military education and training—is provided have responded to a wide array of factors. This book provides an overview of U.S. assistance to and engagement with foreign military and other security forces, focusing on Department of State and DOD roles. It lays out the historical evolution and current framework of the Department of State-DOD shared responsibility.

PB 9781536105452 £119.50 January 2017 Nova Science Publishers 130 pages



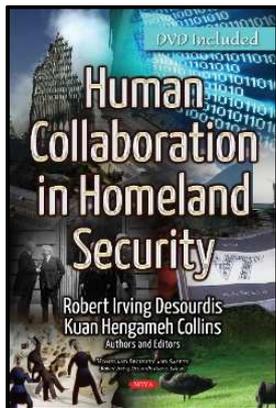
**Transactional Analysis as an Effective Conceptual Framework & a Dynamic Strategy for Peace Education
Practices, Trends & Challenges for International Geopolitical Conflict Resolution & Reconciliation**

Edited by K. Taktek

Grounded in psychology, political science and education, this book presents Berne's Transactional Analysis model used as a novel conceptual framework in order to interpret the diverse political tensions and military operations in the Middle East (e.g., Iraq, Iran, Israel, Lebanon, Palestine) and Afghanistan. Each chapter presents a comprehensive analysis of the geopolitical situation, with the ultimate objective of achieving conflict resolution and reconciliation. Moreover, this book offers a dynamic strategy for the assessment of communication and conduct by leaders of Western countries, especially the United States, the United Kingdom, Canada, Germany, and France. Students, academics, military officers, and political leaders will find an effective communication framework for both understanding geopolitical interactions, and addressing frequently encountered communication issues and challenges at all stages of interpersonal, group, and/or state dynamic development. More particularly, this book seeks to fill the gap between psychology and political sciences, giving students, teachers and researchers a better understanding of how a psychological model of interpersonal communication could be addressed as an inclusive peacekeeping strategy. Moreover, it outlines a roadmap for further research within the field of international relationships and military warfare in order to help improve the added value of education (notably interpersonal communication) in conflict resolution and reconciliation. For practitioners and leaders implicated in crafting political agreements and universal diplomatic harmony, enhanced knowledge relative to the trends related to the enclosure of education in peacekeeping, human rights and democracy can facilitate to shape substantial actions in peace conciliations and orientation strategies.

The purpose of these chapters is to provide guidance and basis for reflection to all readers in the realm of education, psychology, sociology, philosophy, military science, and political sciences. More generally, this book is to all those who are concerned with political psychology, group dynamics and leadership, diplomatic and military relationships, conflict resolution and reconciliation, as well as international sustainable peace. This collective work offers comprehensive and multifaceted perspectives arising from different fields with the fundamental goal of achieving an authentic concession, compromise and reconciliation. These perspectives reflect the diversity of approaches and actors involved in the issue of peace, as well as the ultimate quest for an international human dynamic concurrence and a fundamental welfare. Indeed, every education in the modern sense is implicitly or explicitly linked to objective ideas of development, according to an ideal universal harmony.

HB 9781634840941 £180.99 January 2016 Nova Science Publishers 205 pages



Human Collaboration in Homeland Security

Robert Irving Desourdis, Kuan Hengameh Collins

Why are the same planning failures that led to the loss of 2,400 Americans at Pearl Harbor apparent in the 9-11 attacks, Hurricane Katrina response, Virginia Tech shootings, and the Deepwater Horizon Disaster? Why are we surprised when cyber-attacks disrupt our IT systems, internal spies publish our protected information, mentally ill or volatile individuals attack police and innocent people, and trusted state or federal employees turn out to be untrustworthy and release critical secrets to enemies or the world? These are all attributable to failures in the ability of people to work together, or collaborate, for our protection. The failure is not that of the first responders or warfighters, to whom this book is dedicated. On the contrary, these heroes must show superior initiative and risk self-sacrifice while the stove-piped-organization system planners and vendors with no skin in the game risk nothing. These leaders, planners, scientists, engineers, managers, administrators, salespeople and others are wholly responsible for the technological innovation, processes and products used, but these people are almost never on-scene when an incident occurs.

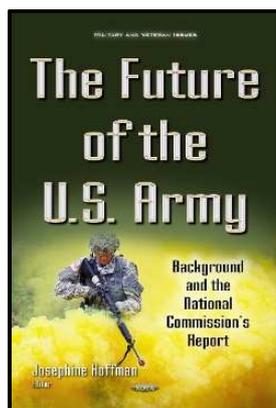
Part I of our book explains to both the general reader and homeland security experts alike, what individual and organizational factors are needed to establish a collaborative environment. These factors include organizational trust, knowledge management, organizational structure, organizational culture, and leadership. These collaboration factors provide the basis for Part II, where we look at the important contributions of actual homeland security practitioners. These practitioners describe the role of human collaboration in making peace, bombing the Third Reich (by a member of the Greatest Generation), disaster management, public safety communications interoperability, electric power restoration, medical support for mass sheltering, government healthcare, cybersecurity, science diplomacy, technology innovation, government acquisition, systems engineering, and intellectual property litigation. Finally, in Part III, we describe a methodology for comprehensive collaboration planning (CCP) to optimize planning for day-to-day or rare “grey swan” or unexpected “black swan” events.

In the end, we show that achieving these five collaboration factors ultimately requires direct interaction between the people involved in any homeland security endeavor, and not the technology they envision, develop, buy, sell, deploy, operate and sustain. It does not matter what you buy if the people who use it – or with whom they must collaborate in a crisis as well as day-to-day unexpected events – do not have their act together. The bottom line is that how well people do together in any homeland security (or other) domain depends exclusively on the success of human-to-human interoperability and interaction. This interaction is governed by long-known and waning (in an e-world) rules of civility, such as George Washington documented and practiced some time ago.

With Forewords by renowned historian Edwin Bearss, experienced homeland security practitioner Ken Born, and mental health professional Anthony Rogers, the emphasis of this book (“it’s the people, not the stuff”) demonstrates the success of our homeland security– and everything else, including the technology utilized–is solely dependent on how well the people work together.

Included DVD with oral histories from Edwin Bearss and Bernard Nolan on their World War II combat experiences as prime examples of human collaboration in homeland security - as well as great true American stories. Edwin Bearss was a Marine shot four times at Cape Gloucester, New Britain, spending 26 months in hospitals and eventually serving as Chief Historian of the National Park Service. Bernard Nolan was driven to fly, going through cadet training after Pilot Classification in Tennessee, Alabama, Missouri, Illinois, Arizona and New Mexico before flying B-24s and B-17s (though unhappy he was not in fighter aircraft) bombing the Third Reich in the "Mighty Eighth" U.S. Army Air Force based in Lavenham, England.

HB 9781536119350 £295.50 June 2017 Nova Science Publishers 530 pages

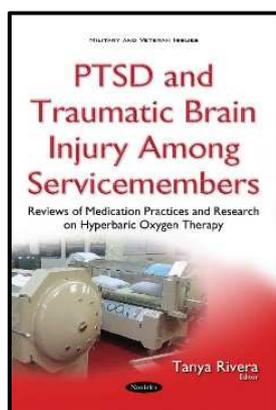


**The Future of the U.S. Army
Background & the National Commission's Report**

Edited by Josephine Hoffman

The American people expect their Army to be trained and ready whenever called upon to achieve national objectives. In an increasingly complex world with an increasing array of diverse threats at home and abroad, America's Army must possess a wide range of capabilities to fulfill its myriad missions. However, even as the demand for Army forces expands and diversifies, the fiscal resources necessary to meet that demand have declined and will remain challenging for several years. This tension between growing requirements and fewer resources not only creates national-level risk, it also has resulted in some unhealthy competitive tension among the Army's components, especially between the Regular Army and the Army National Guard. In large part, these factors, plus the Army's proposal, endorsed by the Department of Defense, to consolidate all Apache aircraft in the Regular Army, prompted the Congress to establish the National Commission on the Future of the Army (NCFA). This book provides a background, discusses the National Commission's Report to the President and the Congress of the United States regarding the future of the Army.

HB 9781634858755 £166.99 December 2016 Nova Science Publishers 246 pages

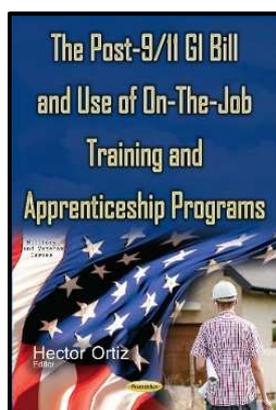


**PTSD & Traumatic Brain Injury Among Servicemembers
Reviews of Medication Practices & Research on Hyperbaric Oxygen Therapy**

Edited by Tanya Rivera

The Department of Defense (DOD) and the Department of Veterans Affairs' (VA) Veterans Health Administration (VHA) have collaborated to develop clinical practice guidelines for post-traumatic stress disorder (PTSD) and mild traumatic brain injury (TBI). Medication continuation, when clinically appropriate, is critical for transitioning servicemembers with PTSD or TBI who have been prescribed psychiatric, pain, or sleep medications. Adverse health effects may occur if these medications are inappropriately discontinued. This book examines the extent to which DOD and VHA developed and monitored recommended medication practices for PTSD and TBI; the extent to which psychiatric, pain, and sleep medications on DOD's formulary are on VA's formulary, and how differences might affect medication continuation; and key efforts VHA has to help ensure medication continuation, and the extent it is monitoring these efforts.

PB 9781634856850 £90.50 September 2016 Nova Science Publishers 102 pages

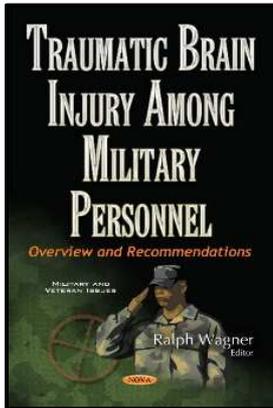


The Post-9/11 GI Bill & Use of On-the-Job Training & Apprenticeship Programs

Edited by Hector Ortiz

As the military draws down its forces, many veterans will enter the civilian workforce and may seek educational and training opportunities to further their transition into civilian jobs. Because pursuing a higher education degree may not be the best path for some veterans, the Post-9/11 GI Bill on-the-job training (OJT) and apprenticeship programs provide alternative opportunities. This book examines how selected veterans and employers used the programs and how widely they have been used; to what extent the Department of Veterans Affairs (VA) and states have taken steps to inform veterans and employers about these programs; what challenges, if any, veterans and employers have faced in using them; and to what extent VA has assessed the performance of its programs.

PB 9781634853538 £59.50 September 2016 Nova Science Publishers 100 pages

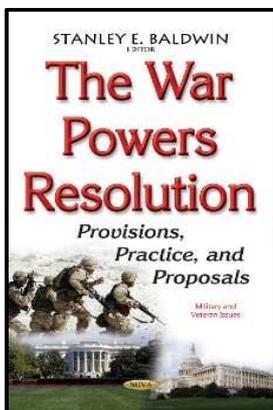


Traumatic Brain Injury Among Military Personnel Overview & Recommendations

Edited by Ralph Wagner

Since the mid-2000s, public health and health care-communities have become aware of the increased rates of traumatic brain injury (TBI) among active duty U.S. military personnel. In response to these public health concerns, Congress passed the *Traumatic Brain Injury Act of 2008*, which requires the Centers for Disease Control and Prevention (CDC) and the National Institutes of Health (NIH), in consultation with the Department of Defense (DoD) and the Department of Veterans Affairs (VA), to determine how best to improve the collection and dissemination of information on the incidence and the prevalence of TBI among persons who sustained these injuries while in the military; and to make recommendations on the manner in which CDC, NIH, DoD, and VA can collaborate further on the development and improvement of TBI diagnostic tools and treatments. This book presents the major findings and recommendations of the members of the CDC, NIH, DoD, and VA Leadership Panel. It also focuses on current efforts of the VA's Veterans Health Administration (VHA) to understand, identify, and treat TBI among veterans.

HB 9781634856348 £142.99 September 2016 Nova Science Publishers 146 pages

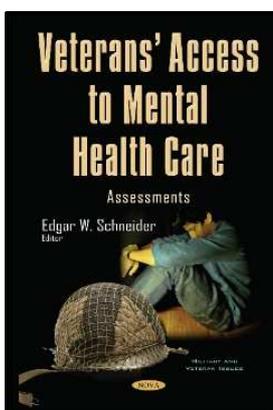


The War Powers Resolution Provisions, Practice, & Proposals

Edited by Stanley E Baldwin

Under the Constitution, the war powers are divided between Congress and the President. Among other relevant grants, Congress has the power to declare war and raise and support the armed forces) while the President is Commander-in-Chief. It is generally agreed that the Commander-in-Chief role gives the President power to utilize the armed forces to repel attacks against the United States, but there has long been controversy over whether he is constitutionally authorized to send forces into hostile situations abroad without a declaration of war or other congressional authorization. This book discusses and assesses the War Powers Resolution and its application since enactment in 1973, providing detailed background on various cases in which it was used, as well as cases in which issues of its applicability were raised. It focuses on the several proposals for a new AUMF specifically targeting the Islamic State made during the 113th and 114th Congresses. It includes a brief review of existing authorities and AUMFs, as well as a discussion of issues related to various provisions included in existing and proposed AUMFs that both authorize and limit presidential use of military force. Appendices provide a comparative analysis of similar provisions in new AUMFs proposed in the 113th and 114th Congresses.

HB 9781634852661 £138.50 May 2016 Nova Science Publishers 173 pages

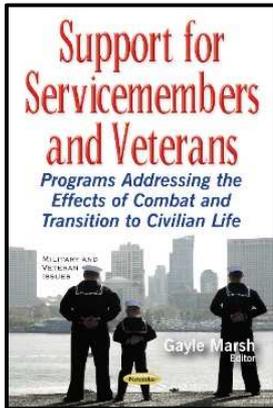


Veterans' Access to Mental Health Care Assessments

Edited by Edgar W Schneider

Between 2005 and 2013, the number of veterans receiving mental health care from the Department of Veterans Affairs' (VA) Veterans Health Administration (VHA) increased 63 percent, outpacing overall growth in veterans receiving any VHA health care. In fiscal year 2014, VHA spent more than \$3.9 billion providing outpatient specialty mental health care (mental health care) to more than 1.5 million veterans. This book examines, among other things, veterans' access to timely mental health care, and VHA's related oversight.

HB 9781634851954 £138.50 May 2016 Nova Science Publishers 149 pages

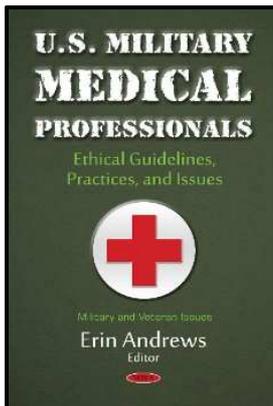


Support for Servicemembers & Veterans Programs Addressing the Effects of Combat & Transition to Civilian Life

Edited by Gayle Marsh

The Department of Defense (DOD) and the Department of Veterans Affairs (VA) play key roles in offering post-combat support to servicemembers and veterans through various programs and activities. This book identifies the number of programs, including the types of services offered that address the effects of combat on post-9/11 active-duty servicemembers and their families; help post-9/11 servicemembers and veterans transition to civilian life; and help raise public awareness and understanding of servicemembers' and veterans' combat and transition experiences.

HB 9781634849500 £90.50 May 2016 Nova Science Publishers 110 pages

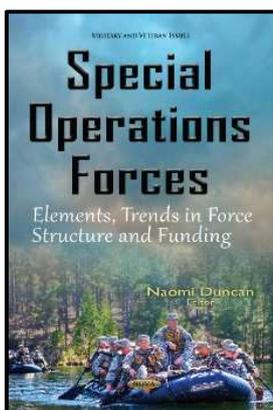


U.S. Military Medical Professionals Ethical Guidelines, Practices, & Issues

Edited by Erin Andrews

Military health care professionals serve in a variety of settings, more diverse than is typically found in the civilian environment. The Military Health System (MHS) is a global, comprehensive, integrated system that includes combat medical services, peacetime health care delivery to Service members and eligible beneficiaries, public health services, medical education and training, and medical research and development. MHS personnel provide a continuum of health services from austere operational environments through remote, fixed military treatment facilities (MTFs), to major tertiary care medical centers distributed across the United States. Military health care professionals are also expected to care for detainees, enemy combatants, nonstate actors, local nationals, and coalition forces. In addition, U.S. military personnel are often deployed to assist in humanitarian missions, such as natural disasters or to provide care to local citizens in combat zones. Directly applying ethical principles from civilian medical ethics may not be appropriate in military medicine. The basic discrepancy between the two settings involves their goals and how these goals can be achieved. This book examines the ethical guidelines, practices, and issues for U.S. military medical professionals.

HB 9781634846974 £114.50 April 2016 Nova Science Publishers 131 pages

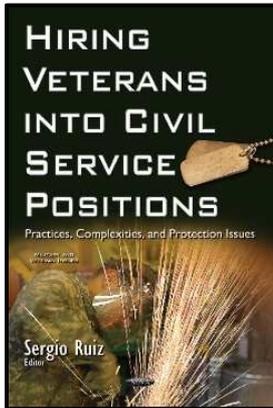


Special Operations Forces Elements, Trends in Force Structure & Funding

Edited by Naomi Duncan

Special Operations are military operations requiring unique modes of employment, tactical techniques, equipment, and training often conducted in hostile, denied, or politically sensitive environments and characterized by one or more of the following: time sensitive, clandestine, low visibility, conducted with and/or through indigenous forces, requiring regional expertise, and/or a high degree of risk. Special Operations Forces (SOF) are those active and reserve component forces of the services designated by the Secretary of Defense and specifically organized, trained, and equipped to conduct and support special operations. Since 2001, the Department of Defense (DOD) has increased the size and funding of SOF and emphasized SOF's importance to meet national security needs. SOF deployments have focused on the Middle East and placed significant demand on the force during this period. This book examines trends since FY 2001 in authorized special operations military positions; the extent to which DOD has determined total funding for SOF; and the extent to which DOD has taken steps to manage the pace of SOF deployments, among other issues.

HB 9781634844420 £114.50 February 2016 Nova Science Publishers 105 pages

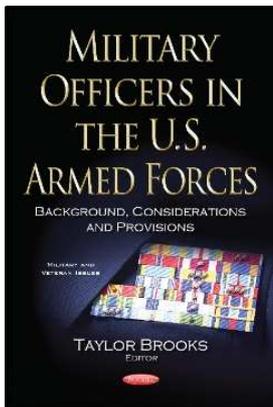


Hiring Veterans into Civil Service Positions Practices, Complexities, & Protection Issues

Edited by Sergio Ruiz

The laws and regulations regarding the preferences in hiring that can or must be given to veterans and certain family members are extremely complex. The preferences vary by the specific circumstances of the veterans and the hiring authorities being used. Some veterans can be non-competitively appointed, while other veterans may not be eligible for that same hiring authority, and the availability of an authority may depend on the grade of the position being filled. The right of a veteran to have his or her application considered for a position may depend on whether an agency is considering applicants who are internal to Government but outside the agency's own workforce. The degree of preference owed can vary by agency or position being filled. Under certain circumstances, the mother of a veteran may be eligible for preference, whereas the father would not be eligible. There are many other examples of how veterans may be treated differently under the law, but to put the message more simply: the laws relating to veterans' preference invite misunderstandings, confusion, perceptions of wrongdoing, and possibly actual wrongdoing—whether intentional or inadvertent. This book discusses hiring authorities pertaining to veterans, the hiring of veterans under those authorities, and employee perceptions about veteran hiring. It also describes the statutes and pertinent case decisions for two laws designed to protect the employment rights of veterans in the civil service.

HB 9781634844369 £114.50 February 2016 Nova Science Publishers 114 pages



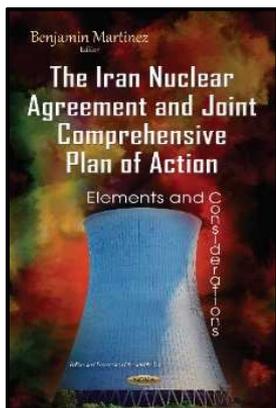
Military Officers in the U.S. Armed Forces Background, Considerations & Provisions

Edited by Taylor Brooks

The Constitution provides Congress with broad powers over the Armed Forces, including the power "to raise and support Armies," "to provide and maintain a Navy," and "to make Rules for the Government and Regulation of the land and naval Forces." It also provides the Senate with the authority to provide "Advice and Consent" on presidential nominations of "all other Officers of the United States," which includes military officers. On the basis of its constitutional authority, Congress has passed a number of laws which govern important aspects of military officer personnel management, including appointments, assignments, grade structure, promotions, and separations. This book provides an overview of active duty general and flag officers (GFOs) in the United States Armed Forces— including authorizations, duties, and compensation—historical trends in the proportion of GFOs relative to the total force, criticisms and justifications of GFO to total force proportions, and statutory controls.

PB 9781536103168 £59.50 December 2016 Nova Science Publishers, Inc 100 pages

POLITICS & ECONOMICS OF THE MIDDLE EAST SERIES



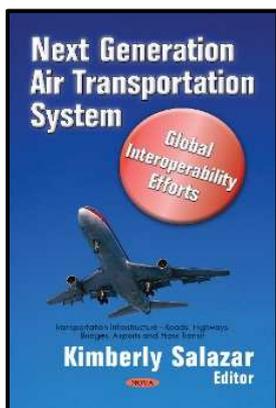
The Iran Nuclear Agreement & Joint Comprehensive Plan of Action Elements & Considerations

Edited by Benjamin Martinez

On July 14, 2015, Iran and the six powers that have negotiated with Iran about its nuclear program since 2006 (the United States, the United Kingdom, France, Russia, China, and Germany—collectively known as the P5+1) finalized a Joint Comprehensive Plan of Action (JCPOA). The JCPOA is intended to ensure that Iran's nuclear program can be used for purely peaceful purposes, in exchange for a broad lifting of U.S., European Union (EU), and United Nations (U.N.) sanctions on Iran. The JCPOA largely reflects what was agreed in an April 2, 2015, framework for the accord. The agreement replaces a Joint Plan of Action (JPA) interim nuclear accord in operation since January 2014. This book examines the Iran Nuclear Agreement, and discusses Tehran's compliance with international obligations.

HB 9781634844444 £114.50 February 2016 Nova Science Publishers 117 pages

TRANSPORTATION INFRASTRUCTURE - ROADS, HIGHWAYS, BRIDGES, AIRPORTS & MASS TRANSIT SERIES

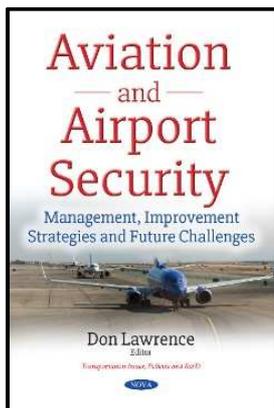


Next Generation Air Transportation System Global Interoperability Efforts

Edited by Kimberly Salazar

Aviation must be safe, efficient and sustainable both at home and abroad, so the Federal Aviation Administration's (FAA) Air Traffic Organization (ATO) is committed to playing a leading role, and working collaboratively, to ensure the success of global aviation. The United States, Europe, and other countries across the world are modernizing their air-traffic management (ATM) systems. As these efforts proceed, international coordination in developing interoperable ATM systems and procedures will be necessary to support a global aviation network and ensure the seamless transition of aircraft and aviation information across national borders. This book examines selected stakeholders' views on factors that might affect NextGen's global interoperability; the extent to which the FAA has established a strategy to effectively achieve NextGen's global interoperability; and actions FAA has taken to coordinate with other countries on global interoperability.

PB 9781634846950 £114.50 April 2016 Nova Science Publishers 88 pages

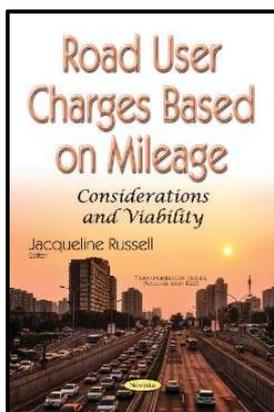


**Aviation & Airport Security
Management, Improvement Strategies & Future Challenges**

Edited by Don Lawrence

Chapter One summarizes research on the seismic performance of air traffic control (ATC) towers, discusses their shortcomings and puts forward recommendations for future studies. Chapter Two covers the construction of an airport for the capital of Germany that has an erratic history dating back to the early nineties. During the long planning period, the employment impacts of a major airport played an important role in the public dialogue. This chapter sets out how a scenario technique was used to calculate employment effects related to this major airport project. Chapter Three analyzes airport security in the Czech Republic regarding the Safety Risk Management (SRM) setting including the Safety Risk Assessment (SRA) with respect to economic aspects of the issue. The chapter also includes statistical backstage pointing to the topicality of this issue. Chapter Four uses the case of Atlanta Hartsfield/Jackson International Airport (ATL) to illustrate the links between airport capacity management and passenger satisfaction measured as airlines' on-time performance. Chapter Five covers the potential benefits from using Linked Data technologies in emergency scenarios and presents the authors' applications for improved emergency response.

PB 9781536119091 £78.50 June 2017 Nova Science Publishers, Inc 100 pages

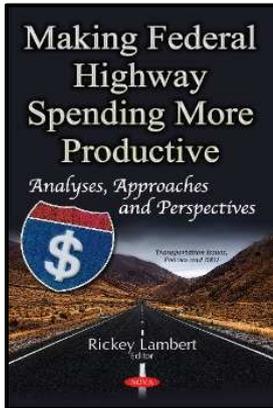


**Road User Charges Based on Mileage
Considerations & Viability**

Edited by Jacqueline Russell

A mileage-based road user charge would involve assessing owners of individual vehicles on a per-mile basis for the distance the vehicle is driven. Currently, federal highway and public transportation programs are funded mainly by motor fuel tax receipts that flow into the Highway Trust Fund (HTF). The tax rates, set on a per-gallon basis, have not been raised since 1993, and receipts have been insufficient to support the transportation programs authorized by Congress since FY2008. The long-term viability of motor fuels taxes is also questionable because of increasing vehicle fuel efficiency and the wider use of electric vehicles. Economists have favored the use of mileage-based user charges as an alternative to motor fuels taxes to support highway funding. This book examines considerations and viability of road user charges based on mileage.

PB 9781536104981 £59.50 January 2017 Nova Science Publishers, Inc 100 pages



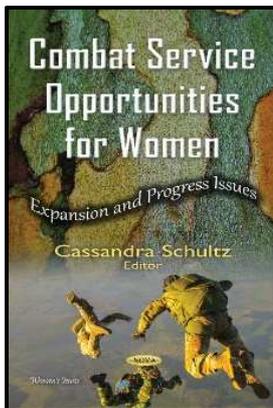
Making Federal Highway Spending More Productive Analyses, Approaches & Perspectives

Edited by Rickey Lambert

Federal spending on highways totaled \$46 billion in 2014, roughly a quarter of total public spending on highways. About 95 percent of that amount was spent for the construction of highways or for their improvement, expansion, and major repair, and the remainder was spent for operation and maintenance. Recently, two factors have combined to highlight the importance of making each dollar spent on federal highway programs more productive economically. First, the federal government's main source of funds for highways—gasoline tax revenues dedicated to the Highway Trust Fund—has been insufficient to pay for federal spending on highways. Since 2008, lawmakers have transferred about \$143 billion from other sources to maintain a positive balance in the trust fund. Second, adjusted for changes in construction costs, total federal spending on highways buys less now than at any time since the early 1990s. This book discusses approaches to making federal highway spending more productive, as well as the status of the Highway Trust Fund and options for paying for highway spending.

HB 9781536103144 £119.50 December 2016 Nova Science Publishers, Inc 160 pages

WOMEN'S ISSUES SERIES



Combat Service Opportunities for Women Expansion & Progress Issues

Edited by Cassandra Schultz

Over the past two decades of conflict, women have served with valor and continue to serve on combat aircraft, naval vessels, and in support of ground combat operations. The expansion of roles for women in the armed forces has evolved since the early days of the military when women were restricted by law and policy from serving in certain occupations and units. Women are not precluded by law from serving in any military unit or occupational specialty. However, a 1994 Department of Defense (DOD) policy prevented women from being assigned to units below brigade level where the unit's primary mission was to engage directly in ground combat. This policy barred women from serving in infantry, artillery, armor, combat engineers, and special operations units of battalion size or smaller. On 24 January 2013, then-Secretary of Defense Leon Panetta rescinded the rule that restricted women from serving in combat units and directed the military departments to review their occupational standards and assignment policies for implementation no later than 1 January 2016. This book reviews the issues for Congress of having women in combat. It also assesses the status of service efforts to open positions and occupations to women, including steps to identify and mitigate potential challenges; extent the services' efforts to validate gender-neutral occupational standards are consistent with statutory and Joint Staff requirements; and extent DOD is tracking, monitoring, and providing oversight of the services' integration plans.

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