

Green Intelligence Creating Environments That Prot

GETTING THE BOOKS **GREEN INTELLIGENCE CREATING ENVIRONMENTS THAT PROT** NOW IS NOT TYPE OF CHALLENGING MEANS. YOU COULD NOT ONLY GOING SUBSEQUENT TO BOOK DEPOSIT OR LIBRARY OR BORROWING FROM YOUR LINKS TO EDIT THEM. THIS IS AN CATEGORICALLY SIMPLE MEANS TO SPECIFICALLY GET LEAD BY ON-LINE. THIS ONLINE NOTICE GREEN INTELLIGENCE CREATING ENVIRONMENTS THAT PROT CAN BE ONE OF THE OPTIONS TO ACCOMPANY YOU GONE HAVING ADDITIONAL TIME.

IT WILL NOT WASTE YOUR TIME. PUT UP WITH ME, THE E-BOOK WILL COMPLETELY PUBLICIZE YOU FURTHER MATTER TO READ. JUST INVEST LITTLE BECOME OLD TO EDIT THIS ON-LINE PROCLAMATION **GREEN INTELLIGENCE CREATING ENVIRONMENTS THAT PROT** AS SKILLFULLY AS EVALUATION THEM WHEREVER YOU ARE NOW.

INTELLIGENCE SCIENCE / ZHONGZHI SHI 2017-10-16 THIS BOOK CONSTITUTES THE REFEREED PROCEEDINGS OF THE SECOND INTERNATIONAL CONFERENCE ON INTELLIGENCE SCIENCE, ICIS 2017, HELD IN SHANGHAI, CHINA, IN OCTOBER 2017. THE 38 FULL PAPERS AND 9 SHORT PAPERS PRESENTED WERE CAREFULLY REVIEWED AND SELECTED FROM 82 SUBMISSIONS. THEY DEAL WITH KEY ISSUES IN INTELLIGENCE SCIENCE AND HAVE BEEN ORGANIZED IN THE FOLLOWING TOPICAL SECTIONS: THEORY OF INTELLIGENCE SCIENCE; COGNITIVE COMPUTING; BIG DATA ANALYSIS AND MACHINE LEARNING; MACHINE PERCEPTION; INTELLIGENT INFORMATION PROCESSING; AND INTELLIGENT APPLICATIONS.

ENCYCLOPEDIA OF CONTEMPORARY AMERICAN SOCIAL ISSUES [4 VOLUMES] MICHAEL SHALLY-JENSEN 2010-12-22 THIS SINGLE-SOURCE REFERENCE WILL HELP STUDENTS AND GENERAL READERS ALIKE UNDERSTAND THE MOST CRITICAL ISSUES FACING AMERICAN SOCIETY TODAY. • FOUR VOLUMES DIVIDED BY SUBJECT AREA • 225 ENTRIES WRITTEN BY EXPERIENCED RESEARCHERS AND PROFESSIONALS WHO ARE EXPERTS IN THEIR FIELDS • CHARTS AND GRAPHS • COMPREHENSIVE BIBLIOGRAPHIES AT THE END OF EACH TOPIC VOLUME • SIDEBARS CONTAINING INTERESTING AND USEFUL TANGENTS TO THE MAIN DISCUSSION • FURTHER READING SECTION AT END OF EACH ENTRY, INCLUDING INTERNET LINKS

THE BRITISH NATIONAL BIBLIOGRAPHY ARTHUR JAMES WELLS 2009

SUSTAINABILITY PRINCIPLES AND PRACTICE MARGARET ROBERTSON 2021-01-29 SUSTAINABILITY PRINCIPLES AND PRACTICE GIVES AN ACCESSIBLE AND COMPREHENSIVE OVERVIEW OF THE INTERDISCIPLINARY FIELD OF SUSTAINABILITY. THE FOCUS IS ON FURNISHING SOLUTIONS AND EQUIPPING STUDENTS WITH BOTH CONCEPTUAL UNDERSTANDING AND TECHNICAL SKILLS. EACH CHAPTER EXPLORES ONE ASPECT OF THE FIELD, FIRST INTRODUCING CONCEPTS AND PRESENTING ISSUES, THEN SUPPLYING TOOLS FOR WORKING TOWARD SOLUTIONS. ELEMENTS OF SUSTAINABILITY ARE EXAMINED PIECE BY PIECE, AND COVERAGE RANGES OVER ECOSYSTEMS, SOCIAL EQUITY, ENVIRONMENTAL JUSTICE, FOOD, ENERGY, PRODUCT LIFE CYCLES, CITIES, AND MORE. TECHNIQUES FOR MANAGEMENT AND MEASUREMENT AS WELL AS CASE STUDIES FROM AROUND THE WORLD ARE PROVIDED. THE 3RD EDITION INCLUDES GREATER COVERAGE OF RESILIENCE AND SYSTEMS THINKING, AN UPDATE ON THE ANTHROPOCENE AS A FORMAL GEOLOGICAL EPOCH, THE LATEST RESEARCH FROM THE IPCC, AND A GREATER FOCUS ON DIVERSITY AND SOCIAL EQUITY, TOGETHER WITH NEW DETAILS SUCH AS SUSTAINABLE CONSUMPTION, TEXTILES RECYCLING, MICROPLASTICS, AND NET-ZERO CONCEPTS. THE COVERAGE IN THIS EDITION HAS BEEN EXPANDED TO INCLUDE ISSUES, SOLUTIONS, AND NEW CASE STUDIES FROM AROUND THE WORLD, INCLUDING EUROPE, ASIA, AND THE GLOBAL SOUTH. CHAPTERS INCLUDE FURTHER READING AND DISCUSSION QUESTIONS. THE BOOK IS SUPPORTED BY A COMPANION WEBSITE WITH ONLINE LINKS, ANNOTATED BIBLIOGRAPHY, GLOSSARY, WHITE PAPERS, AND ADDITIONAL CASE STUDIES, TOGETHER WITH PROJECTS, RESEARCH PROBLEMS, AND GROUP ACTIVITIES, ALL OF WHICH FOCUS ON REAL-WORLD PROBLEM-SOLVING OF SUSTAINABILITY ISSUES. THIS TEXTBOOK IS DESIGNED TO BE USED BY UNDERGRADUATE COLLEGE AND UNIVERSITY STUDENTS IN SUSTAINABILITY DEGREE PROGRAMS AND OTHER PROGRAMS IN WHICH SUSTAINABILITY IS TAUGHT.

AT NATURE'S EDGE GUNNEL CEDERL  2018-09-18 IN AN EPOCH WHEN ENVIRONMENTAL ISSUES MAKE THE HEADLINES, THIS IS A WORK THAT GOES BEYOND THE EVERYDAY. ECOLOGIES AS DIVERSE AS THE HIMALAYAS AND THE INDIAN OCEAN COAST, THE NEGEV DESERT AND THE FORMER MILITARY BASES OF VIETNAM, OR THE NAMIB DESERT AND THE EAST AFRICAN SAVANNAH ALL HAVE IN COMMON A LONG-TIME HUMAN PRESENCE AND THE MANY WAYS PEOPLE HAVE MODIFIED NATURE. WITH RESEARCH COVERING COUNTRIES FROM ASIA, AFRICA, AND AUSTRALIA, THE AUTHORS COME TOGETHER TO ASK HOW AND WHY HUMAN IMPACTS ON NATURE HAVE GROWN IN SCALE AND PACE FROM A LONG PRE-HISTORY. THE CHAPTERS IN THIS VOLUME ILLUMINE SPECIFIC PATTERNS

Downloaded from avenza-dev.avenza.com
on October 2, 2022 by guest

AND RESPONSES ACROSS TIME, GOING BEYOND AN OVERT CENTRING OF THE EUROPEAN EXPERIENCE. THE TAPESTRY OF LIFE AND THE HUMAN RESHAPING OF ENVIRONMENTS EVOKE BOTH CONCERN AND HOPE, MAKING IT VITAL TO UNDERSTAND WHEN, WHY, AND HOW WE CAME TO THIS PARTICULAR TURN IN THE ROAD. ESCHEWING EASY LABELS AND QUESTIONING EUROCENTRISM IN TODAY'S CLIMATE VOCABULARY, THIS IS A VOLUME THAT WILL STIMULATE RETHINKING AMONG SCHOLARS AND CITIZENS ALIKE.

SUSTAINABLE CITIES DEVELOPMENT AND ENVIRONMENT PROTECTION IV GUANG FAN LI 2014-07-04 COLLECTION OF SELECTED, PEER REVIEWED PAPERS FROM THE 2014 INTERNATIONAL CONFERENCE ON CIVIL, ARCHITECTURE AND BUILDING MATERIALS (CEABM 2014), MAY 24-25, 2014, HAIKOU, CHINA. THE 459 PAPERS ARE GROUPED AS FOLLOWS: CHAPTER 1: SUSTAINABLE CITY AND REGIONAL DEVELOPMENT, CHAPTER 2: RENEWABLE ENERGY AND BUILDING ENERGY-SAVING TECHNOLOGIES, CHAPTER 3: INDOOR ENVIRONMENT, CHAPTER 4: CITY ECOLOGICAL ENVIRONMENT, CHAPTER 5: WATER PURIFICATION AND WASTEWATER ENGINEERING, TREATMENT TECHNOLOGIES, CHAPTER 6: AIR ENVIRONMENT CONTROL AND ARCHITECTURAL ENVIRONMENT IMPROVEMENT TECHNIQUES, CHAPTER 7: ENVIRONMENTAL ENGINEERING AND MONITORING, ENVIRONMENTAL PROTECTION TECHNOLOGIES, CHAPTER 8: ROAD AND RAILWAY ENGINEERING, CHAPTER 9: BRIDGE ENGINEERING, CHAPTER 10: TRANSPORTATION PLANNING AND SYSTEMS, ROUTING AND LOGISTICS ENGINEERING, CHAPTER 11: TRAFFIC AND TRANSPORTATION CONTROL AND APPLIED INFORMATION TECHNOLOGY, CHAPTER 12: COMPUTER APPLICATION TECHNOLOGY AND MATHEMATICAL MODELING

LESSONS FROM THE CLEAN AIR ACT ANN CARLSON 2019-04-30 EXAMINES THE SUCCESSES AND FAILURES OF THE CLEAN AIR ACT IN ORDER TO LAY A FOUNDATION FOR FUTURE ENERGY POLICY.

ARTIFICIAL INTELLIGENCE AND IoT KALAISELVI GEETHA MANOHARAN 2021-02-12 THIS BOOK PROJECTS A FUTURISTIC SCENARIO THAT IS MORE EXISTENT THAN THEY HAVE BEEN AT ANY TIME EARLIER. TO BE CONSCIOUS OF THE BURSTING PROSPECTIVE OF IoT, IT HAS TO BE AMALGAMATED WITH AI TECHNOLOGIES. PREDICTIVE AND ADVANCED ANALYSIS CAN BE MADE BASED ON THE DATA COLLECTED, DISCOVERED AND ANALYZED. TO ACHIEVE ALL THESE COMPATIBILITY, COMPLEXITY, LEGAL AND ETHICAL ISSUES ARISE DUE TO AUTOMATION OF CONNECTED COMPONENTS AND GADGETS OF WIDESPREAD COMPANIES ACROSS THE GLOBE. WHILE THESE ARE A FEW EXAMPLES OF ISSUES, THE AUTHORS' INTENTION IN EDITING THIS BOOK IS TO OFFER CONCEPTS OF INTEGRATING AI WITH IoT IN A PRECISE AND CLEAR MANNER TO THE RESEARCH COMMUNITY. IN EDITING THIS BOOK, THE AUTHORS' ATTEMPT IS TO PROVIDE NOVEL ADVANCES AND APPLICATIONS TO ADDRESS THE CHALLENGE OF CONTINUALLY DISCOVERING PATTERNS FOR IoT BY COVERING VARIOUS ASPECTS OF IMPLEMENTING AI TECHNIQUES TO MAKE IoT SOLUTIONS SMARTER. THE ONLY WAY TO REMAIN PACE WITH THIS DATA GENERATED BY THE IoT AND ACQUIRE THE CONCEALED ACQUAINTANCE IT ENCLOSES IS TO EMPLOY AI AS THE EVENTUAL CATALYST FOR IoT. IoT TOGETHER WITH AI IS MORE THAN AN INCLINATION OR EXISTENCE; IT WILL DEVELOP INTO A PARADIGM. IT HELPS THOSE RESEARCHERS WHO HAVE AN INTEREST IN THIS FIELD TO KEEP INSIGHT INTO DIFFERENT CONCEPTS AND THEIR IMPORTANCE FOR APPLICATIONS IN REAL LIFE. THIS HAS BEEN DONE TO MAKE THE EDITED BOOK MORE FLEXIBLE AND TO STIMULATE FURTHER INTEREST IN TOPICS. ALL THESE MOTIVATED THE AUTHORS TOWARD INTEGRATING AI IN ACHIEVING SMARTER IoT. THE AUTHORS BELIEVE THAT THEIR EFFORT CAN MAKE THIS COLLECTION INTERESTING AND HIGHLY ATTRACT THE STUDENT PURSUING PRE-RESEARCH, RESEARCH AND EVEN MASTER IN MULTIDISCIPLINARY DOMAIN.

LOW-CARBON CITY AND NEW-TYPE URBANIZATION SONGLIN FENG 2015-01-23 IN THE FACE OF INCREASINGLY SERIOUS RESOURCE AND ENVIRONMENTAL CHALLENGES, THE WORLD HAS ALREADY ACCEPTED LOW-CARBON DEVELOPMENT AS THE MAIN WAY FORWARD FOR FUTURE CITY CONSTRUCTION. CHINESE CITIES HAVE ENCOUNTERED MANY PROBLEMS DURING THEIR DEVELOPMENT, INCLUDING LAND CONSTRAINTS, ENERGY SHORTAGES, TRAFFIC CONGESTION AND AIR POLLUTION. FOR THIS REASON, THE NATIONAL MEETING OF THE CENTRAL WORK CONFERENCE ON URBANIZATION MADE THE STRATEGIC DECISION TO TAKE A NEW APPROACH TO URBANIZATION AND INDICATED THAT IN FUTURE THE KEY FEATURES OF URBANIZATION IN CHINA WILL BE LOW-CARBON DEVELOPMENT AND HARMONY BETWEEN THE ENVIRONMENT AND RESOURCES. THIS BOOK DISCUSSES THE "LOW-CARBON CITY" AS THE NEW PATTERN OF CHINESE URBANIZATION. THIS REPRESENTS A MAJOR CHANGE AND TAKES "INTENSIVE LAND USE," "INTELLIGENT," "GREEN" AND "LOW CARBON" AS ITS KEY WORDS. LOW CARBON WILL BECOME AN IMPORTANT FUTURE DEVELOPMENT DIRECTION FOR CHINESE URBANIZATION DEVELOPMENT. IN THE TWENTY-FIRST CENTURY IN RESPONSE TO THE GLOBAL CLIMATE CHANGE, COUNTRIES HAVE STARTED A WAVE OF LOW-CARBON CITY CONSTRUCTION. BUT IN CHINA, THERE ARE STILL MANY DISPUTES AND MISUNDERSTANDINGS SURROUNDING THE ISSUE. DUE TO A LACK OF RESEARCH, LOW-CARBON CITY CONSTRUCTION IN CHINA IS STILL IN THE EARLY STAGES, AND WHILE THERE HAVE BEEN SUCCESSES, THERE HAVE ALSO BEEN FAILURES. THERE ARE COMPLEX AND DIVERSE CHALLENGES IN APPLYING LOW-CARBON DEVELOPMENT METHODS IN THE CONTEXT OF TODAY'S CHINESE CITIES. THE CONSTRUCTION OF LOW-CARBON CITIES REQUIRES EFFICIENT GOVERNMENT, THE TECHNOLOGICAL INNOVATION OF ENTERPRISES, AND PROFESSIONAL SCHOLARS, BUT ALSO EFFORTS ON THE PART OF THE PUBLIC TO CHANGE THEIR DAILY ACTIVITIES. BASED ON THE ABOVE CONSIDERATIONS, THE COLLECTION BRINGS TOGETHER EXPERTS FROM URBAN PLANNING AND DESIGN, CLEAN-ENERGY SYSTEMS, LOW-CARBON TRANSPORTATION, NEW TYPES OF CITY INFRASTRUCTURE AND SMART CITIES ETC., IN THE HOPE OF FORMING SOME SOLUTIONS FOR CHINESE LOW-CARBON CITY DEVELOPMENT.

COMPUTATIONAL INTELLIGENCE IN INDUSTRIAL APPLICATION YANG LV LING 2015-07-28 THESE PROCEEDINGS OF THE 2014 PACIFIC-ASIA WORKSHOP ON COMPUTATIONAL INTELLIGENCE IN INDUSTRIAL APPLICATION (CIIA 2014) INCLUDE 81 PEER-REVIEWED PAPERS. THE TOPICS COVERED IN THE BOOK INCLUDE: (1) COMPUTER INTELLIGENCE, (2) APPLICATION OF COMPUTER SCIENCE AND COMMUNICATION, (3) INDUSTRIAL ENGINEERING, PRODUCT DESIGN AND MANUFACTURING, (4) AUTOMATIO

FUTURE INTELLIGENCE SHLOMO SHOHAM 2011-02-01 AS THE PACE OF CHANGE HAS GROWN MORE RAPID, AN EMPHASIS ON SURVIVAL AND SHORT-TERM THINKING HAS INCREASINGLY PERVADED THE REALM OF LEADERSHIP AND POLITICAL DECISION-MAKING. IN A BOLD RESPONSE TO THIS PROBLEM, THE ISRAELI KNESSET ESTABLISHED THE COMMISSION FOR FUTURE GENERATIONS AND APPOINTED THE FORMER JUDGE, SHLOMO SHOHAM, AS HEAD OF THE COMMISSION IN 2001. SHOHAM WAS TASKED WITH THE DIFFICULT WORK OF REPRESENTING THE NEEDS, INTERESTS AND RIGHTS OF THOSE NOT YET BORN. DRAWING UPON HIS LEGAL AND POLITICAL EXPERIENCE, SHOHAM TODAY DEMONSTRATES HOW WE CAN OVERCOME THE PITFALLS OF SHORT-TERM THINKING BY DEVELOPING OUR "FUTURE INTELLIGENCE." THIS KIND OF INTELLIGENCE, HE ARGUES, IS THE KEY TO INFUSING PUBLIC ADMINISTRATION WITH VISIONARY THINKING AND CREATIVE FORESIGHT. ENDORSEMENTS: FROM SHIMON PERES, PRESIDENT OF THE STATE OF ISRAEL IN HIS BOOK FUTURE INTELLIGENCE, JUDGE (RET.) SHLOMO SHOHAM PROVIDES A PRACTICAL MODEL ON HOW TO ENHANCE SUSTAINABILITY IN GOVERNMENT AND POLICY-DEFINING BODIES TO SERVE THE FUTURE OF MANKIND AND NATURE IN A CHANGING PLANET. FUTURE INTELLIGENCE TURNS TO THE DECISION-MAKERS OF TODAY TO BREAK AWAY FROM THE CONSERVATIVE OUTLOOK AND ADOPT A LONG-TERM VISION FOR POSTERITY. FROM HORST KÖHLER, FORMER PRESIDENT OF THE FEDERAL REPUBLIC OF GERMANY SHLOMO SHOHAM PRESENTED THE WORK OF THE COMMISSION FOR FUTURE GENERATIONS AT THE FIRST FORUM ON DEMOGRAPHIC CHANGE OF THE FORMER GERMAN PRESIDENT IN 2005. FOR PRESIDENT HORST KÖHLER AND OTHER PARTICIPANTS, SHOHAM'S CONCEPTUAL CONTRIBUTIONS PROVED IMMENSELY VALUABLE IN HELPING LAY OUT NEW MEANS OF DEALING WITH THE FUNDAMENTAL CHALLENGES FACING ALL COUNTRIES, INCLUDING GERMANY.

ENERGY ISLANDS CATALINA M DE ONÍS 2021-06-22 ENERGY ISLANDS PROVIDES AN URGENT AND NUANCED PORTRAIT OF COLLECTIVE ACTION THAT RESISTS RACIAL CAPITALISM, COLONIALISM, AND CLIMATE DISRUPTION. WEAVING TOGETHER HISTORICAL AND ETHNOGRAPHIC RESEARCH, THIS STORY CHALLENGES THE MASTER NARRATIVES OF PUERTO RICO AS A TOURIST DESTINATION AND SITE OF "NATURAL" DISASTERS TO DEMONSTRATE HOW FOSSIL FUEL ECONOMIES ARE INEXTRICABLY ENTWINED WITH COLONIAL PRACTICES AND HOW LOCAL COMMUNITY GROUPS IN PUERTO RICO HAVE STRUGGLED AGAINST ENERGY COLONIALITY TO MOBILIZE AND TRANSFORM POWER FROM THE GROUND UP. CATALINA M. DE ONÍS DOCUMENTS HOW THESE GROUPS WORK TO DECENTER CONTINENTAL CONTEXTS AND DECONSTRUCT DAMAGING HIERARCHIES THAT DEVALUE AND EXPLOIT RURAL COASTAL COMMUNITIES. SHE HIGHLIGHTS AND COLLABORATES WITH INDIVIDUALS WHO REFUSE THE CRUEL LOGICS OF EMPIRE BY IMAGINING AND IMPLEMENTING ENERGY JUSTICE AND OTHER INTERCONNECTED RADICAL POWER TRANSFORMATIONS. DIVING DEEPLY INTO ENERGY, ISLANDS, AND POWER, THIS BOOK ENGAGES VARIOUS METAPHORS FOR ALTERNATIVE WORLD-MAKING.

CYBER SECURITY INTELLIGENCE AND ANALYTICS ZHENG XU

ANTICIPATORY SYSTEMS: HUMANS MEET ARTIFICIAL INTELLIGENCE MU-YEN CHEN 2021-09-13

GREEN INTELLIGENCE JOHN WARGO 2010 WE LIVE IN A WORLD AWASH IN MANMADE CHEMICALS, FROM THE PESTICIDES ON OUR FRONT LAWNS TO THE DIESEL EXHAUST IN THE AIR WE BREATHE. ALTHOUGH EXPERTS ARE BEGINNING TO UNDERSTAND THE POTENTIAL DANGERS OF THESE SUBSTANCES, THERE ARE STILL MORE THAN 80,000 SYNTHETIC COMPOUNDS THAT HAVE NOT BEEN SUFFICIENTLY TESTED TO INTERPRET THEIR EFFECTS ON HUMAN HEALTH. YALE UNIVERSITY PROFESSOR JOHN WARGO HAS SPENT MUCH OF HIS CAREER RESEARCHING THE IMPACT OF CHEMICAL EXPOSURES ON WOMEN AND CHILDREN. IN THIS BOOK, HE EXPLAINS THE ORIGINS OF SOCIETY'S PROFOUND MISUNDERSTANDING OF EVERYDAY CHEMICAL HAZARDS AND OFFERS A PRACTICAL PATH TOWARD DEVELOPING GREATER "GREEN INTELLIGENCE." DESPITE THE RISING TREND IN ENVIRONMENTAL AWARENESS, INFORMATION ABOUT SYNTHETIC SUBSTANCES IS OFTEN UNAVAILABLE, DISTORTED, KEPT SECRET, OR PRESENTED IN A WAY THAT PREVENTS CITIZENS FROM ACTING TO REDUCE THREATS TO THEIR HEALTH AND THE ENVIRONMENT. BY EXAMINING THE HISTORIES OF FIVE HAZARDOUS TECHNOLOGIES AND PRACTICES, WARGO FINDS REMARKABLE PATTERNS IN THE DELAYED DISCOVERY OF DANGERS AND EXPLAINS THE GOVERNMENTS' FAILURES TO MANAGE THEM EFFECTIVELY. SOBERING YET EMINENTLY READABLE, WARGO'S BOOK ULTIMATELY OFFERS A CLEAR VISION FOR A SAFER FUTURE THROUGH PREVENTION, TRANSPARENCY, AND AWARENESS.

2020 INTERNATIONAL CONFERENCE ON APPLICATIONS AND TECHNIQUES IN CYBER INTELLIGENCE JEMAL H. ABAWAJY 2020-08-12 THIS BOOK PRESENTS INNOVATIVE IDEAS, CUTTING-EDGE FINDINGS, AND NOVEL TECHNIQUES, METHODS, AND APPLICATIONS IN A BROAD RANGE OF CYBERSECURITY AND CYBERTHREAT INTELLIGENCE AREAS. AS OUR SOCIETY BECOMES SMARTER, THERE IS A CORRESPONDING NEED TO SECURE OUR CYBERFUTURE. THE BOOK DESCRIBES APPROACHES AND FINDINGS THAT ARE OF INTEREST TO BUSINESS PROFESSIONALS AND GOVERNMENTS SEEKING TO SECURE OUR DATA AND UNDERPIN INFRASTRUCTURES, AS WELL AS TO

INDIVIDUAL USERS.

DESIGN STUDIES AND INTELLIGENCE ENGINEERING L.C. JAIN 2022-03-30 THE TECHNOLOGIES APPLIED IN DESIGN STUDIES VARY FROM BASIC THEORIES TO MORE APPLICATION-BASED SYSTEMS, AND INTELLIGENCE ENGINEERING TECHNOLOGIES – SUCH AS COMPUTER-AIDED INDUSTRIAL DESIGN, HUMAN FACTOR DESIGN, AND GREENHOUSE DESIGN – PLAY A SIGNIFICANT ROLE IN DESIGN SCIENCE. INTELLIGENCE ENGINEERING TECHNOLOGIES ENCOMPASS BOTH THEORETICAL AND APPLICATION PERSPECTIVES, SUCH AS COMPUTATIONAL TECHNOLOGIES, SENSING TECHNOLOGIES, AND VIDEO DETECTION. INTELLIGENCE ENGINEERING IS MULTIDISCIPLINARY IN NATURE, PROMOTING COOPERATION, EXCHANGE AND DISCUSSION BETWEEN ORGANIZATIONS AND RESEARCHERS FROM DIVERSE FIELDS. THIS BOOK PRESENTS THE PROCEEDINGS OF DSIE2021, THE 2021 INTERNATIONAL SYMPOSIUM ON DESIGN STUDIES AND INTELLIGENCE ENGINEERING, HELD IN HANGZHOU, CHINA, ON 27 & 28 NOVEMBER 2021. THIS ANNUAL CONFERENCE INVITES RENOWNED EXPERTS FROM AROUND THE WORLD TO SPEAK ON THEIR SPECIALIST TOPICS, PROVIDING A PLATFORM FOR MANY PROFESSIONALS AND RESEARCHERS FROM INDUSTRY AND ACADEMIA TO EXCHANGE AND DISCUSS RECENT ADVANCES IN THE FIELD OF DESIGN STUDIES AND INTELLIGENCE ENGINEERING. THE 210 SUBMISSIONS RECEIVED WERE RIGOROUSLY REVIEWED, AND EACH OF THE 50 PAPERS PRESENTED HERE WAS SELECTED BASED ON SCORES FROM THREE OR FOUR REFEREES. PAPERS COVER A VERY WIDE RANGE OF TOPICS, FROM THE DESIGN OF A PNEUMATIC SOFT FINGER WITH TWO JOINTS, AND THE EMOTION OF TEXTURE, TO THE DESIGN EVALUATION OF A HEALTH MANAGEMENT TERMINAL FOR THE ELDERLY, AND A MULTI-ROBOT PLANNING ALGORITHM WITH QUAD TREE MAP DIVISION FOR OBSTACLES OF IRREGULAR SHAPE. PROVIDING A VARIED OVERVIEW OF RECENT DEVELOPMENTS IN DESIGN AND INTELLIGENCE ENGINEERING, THIS BOOK WILL BE OF INTEREST TO RESEARCHERS AND ALL THOSE WORKING IN THE FIELD.

A TEXT BOOK OF ARTIFICIAL INTELLIGENCE FOR CLASS FOR CLASS 11 HEMA DHINGRA 2021-06-01 ARTIFICIAL INTELLIGENCE (AI) IS BEING WIDELY RECOGNIZED TO BE THE POWER THAT WILL FUEL THE FUTURE GLOBAL DIGITAL ECONOMY. AI IN THE PAST FEW YEARS HAS GAINED GEOSTRATEGIC IMPORTANCE AND A LARGE NUMBER OF COUNTRIES ARE STRIVING HARD TO STAY AHEAD WITH THEIR POLICY INITIATIVES TO GET THEIR COUNTRY AHEAD. AI IS A CONTINUALLY ADVANCING AND EXPANDING FIELD AND AI READINESS WILL LEAD TO BETTER OPPORTUNITIES AND INCREASED LEVELS OF UNDERSTANDING. IT WILL HELP THEM VISUALIZE JOBS OF THE FUTURE AND PREPARE FOR THEM. ITS MULTIDISCIPLINARY NATURE WILL HELP TO MAKE CONNECTIONS BETWEEN ALL OTHER SUBJECTS THEREBY ADDING VALUE AND GIVING A DIFFERENT PERSPECTIVE FOR ALL. THE CBSE CURRICULUM FOCUSES ON BUILDING AI READINESS IN YOUNG MINDS. THE IMPORTANCE OF SKILL-BASED EDUCATION AND THE VALUE OF PROJECT-RELATED WORK IS CLEAR IN ORDER TO “EFFECTIVELY HARNESS THE POTENTIAL OF AI IN A SUSTAINABLE MANNER TO MAKE INDIA’S NEXT-GENERATION ‘AI READY’”. AS A BEGINNING IN THIS DIRECTION, CBSE INTRODUCED ARTIFICIAL INTELLIGENCE STARTING FROM CLASS VI ONWARD. STUDENTS SHOULD OPT FOR THIS CURRICULUM TO BECOME FUTURE-READY AND BECOME AT PAR WITH THEIR COUNTERPARTS AT A GLOBAL LEVEL. THE AIM IS TO STRIVE TOGETHER TO MAKE OUR STUDENTS FUTURE-READY AND HELP THEM WORK ON INCORPORATING ARTIFICIAL INTELLIGENCE TO IMPROVE THEIR LEARNING EXPERIENCE. GOYAL BROTHERS PRAKASHAN

VERTEBRATE BIOLOGY DONALD W. LINZEY 2020-08-04 ARRANGED LOGICALLY TO FOLLOW THE MOST WIDELY ADOPTED COURSE STRUCTURE, THIS TEXT WILL LEAVE STUDENTS WITH A FULL UNDERSTANDING OF THE UNIQUE STRUCTURE, FUNCTION, AND LIVING PATTERNS OF ALL VERTEBRATES.

INTERIOR, ENVIRONMENT, AND RELATED AGENCIES APPROPRIATIONS FOR 2006: ENVIRONMENTAL PROTECTION AGENCY, FOREST SERVICE, INDIAN HEALTH SERVICE UNITED STATES. CONGRESS. HOUSE. COMMITTEE ON APPROPRIATIONS. SUBCOMMITTEE ON INTERIOR, ENVIRONMENT, AND RELATED AGENCIES 2005

SUSTAINABILITY, SOCIAL RESPONSIBILITY, AND INNOVATIONS IN THE HOSPITALITY INDUSTRY H. G. PARSA 2015-04-01 A REFERENCE ON SUSTAINABILITY, SOCIAL RESPONSIBILITY, AND GREEN PRACTICES IN HOSPITALITY AND TOURISM, THIS BOOK PRESENTS INNOVATIVE RESEARCH METHODS IN SUSTAINABILITY, STATE-OF-THE-ART RESEARCH BY LEADING INTERNATIONALLY RECOGNIZED SCHOLARS ON THIS TOPIC, PROVIDING AN EXCELLENT SOURCE OF QUALITY RESEARCH. READERS CAN EXPECT TO FIND SEVERAL NEW WAYS TO PURSUE RESEARCH IN SUSTAINABILITY. THE BOOK COVERS SUSTAINABILITY IN THE CONTEXT OF PUBLIC POLICY AND ETHICS, A POPULAR TOPIC WITH UNIVERSAL APPEAL TO MANY DISCIPLINES BEYOND HOSPITALITY. IT INCLUDES CASE STUDIES AND ADDRESSES SUSTAINABILITY ISSUES FROM HOTELS, RESTAURANTS, TOURISM, TRAVEL, MEETINGS, AND OTHERS, WITH AUTHORS FROM ALL FIVE CONTINENTS.

WARFARE ECOLOGY GARY E. MACHLIS 2011-05-29 THE PURPOSE OF THIS BOOK IS SPECIFIC AND AMBITIOUS: TO OUTLINE THE DISTINCTIVE ELEMENTS, SCOPE, AND USEFULNESS OF A NEW AND EMERGING FIELD OF APPLIED ECOLOGY NAMED WARFARE ECOLOGY. BASED ON A NATO ADVANCED RESEARCH WORKSHOP HELD ON THE ISLAND OF VIEQUES, PUERTO RICO, THE BOOK PROVIDES BOTH A THEORETICAL OVERVIEW OF THIS NEW FIELD AND CASE STUDIES THAT RANGE FROM MERCURY CONTAMINATION DURING WORLD WAR I IN SLOVENIA TO THE ECOSYSTEM IMPACTS OF THE PALESTINIAN OCCUPATION, AND FROM THE BOMBING OF CORAL REEFS OF

VIEQUES TO BIODIVERSITY LOSS DUE TO VIOLENT CONFLICTS IN AFRICA. WARFARE ECOLOGY ALSO INCLUDES REPRINTS OF SEVERAL CLASSICAL PAPERS THAT SET THE STAGE FOR THE NEW SYNTHESIS DESCRIBED BY THE AUTHORS. WRITTEN FOR ENVIRONMENTAL SCIENTISTS, MILITARY AND HUMANITARIAN RELIEF PROFESSIONALS, CONSERVATION MANAGERS, AND GRADUATE STUDENTS IN A WIDE RANGE OF FIELDS, WARFARE ECOLOGY IS A MAJOR STEP FORWARD IN UNDERSTANDING THE RELATIONSHIP BETWEEN WAR AND ECOLOGICAL SYSTEMS.

TEXT + FIELD SARA L. MCKINNON 2016-06-01 RHETORICAL CRITICS HAVE LONG HAD A TROUBLED RELATIONSHIP WITH METHOD, VIEWING IT AS AT TIMES OPENING UP PROVOCATIVE AVENUES OF INQUIRY, AND AT OTHER TIMES AS CLOSING OFF PATHS TOWARD MEANINGFUL ENGAGEMENT WITH TEXTS. TEXT + FIELD SHIFTS SCHOLARLY ATTENTION FROM THIS CONFLICTED HISTORY, LOOKING INSTEAD TO THE GROWING NUMBER OF SCHOLARS WHO ARE SUPPLEMENTING TEXT-BASED SCHOLARSHIP BY VENTURING OUT INTO THE FIELD, WHERE RHETORIC IS PRODUCED, ENACTED, AND CONSUMED. THESE FIELD-BASED PRACTICES INVOLVE OBSERVATION, ETHNOGRAPHIC INTERVIEWS, AND PERFORMANCE. THEY ARE NOT INTENDED TO DISPLACE TEXT-BASED APPROACHES; RATHER, THEY EXPAND THE IDEA OF METHOD BY HELPING RHETORICAL SCHOLARS ARRIVE AT NEW AND COMPLEMENTARY ANSWERS TO LONG-STANDING DISCIPLINARY QUESTIONS ABOUT TEXT, CONTEXT, AUDIENCE, JUDGMENT, AND ETHICS. THE FIRST VOLUME IN RHETORIC AND COMMUNICATION TO DIRECTLY ADDRESS THE RELEVANCE, PROCESSES, AND IMPLICATIONS OF USING FIELD METHODS TO AUGMENT TRADITIONAL SCHOLARSHIP, TEXT + FIELD PROVIDES A FRAMEWORK FOR ADAPTING THESE NEW TOOLS TO TRADITIONAL RHETORICAL INQUIRY. ASIDE FROM THE EDITORS, THE CONTRIBUTORS ARE ROBERTA CHEVRETTE, KATHLEEN M. DE ONÍS, DANIELLE ENDRES, JOSHUA P. EWALT, ALINA HALILIU, AARON HESS, JAMIE LANDAU, MICHAEL MIDDLETON, TIARA R. NA'PUTI, JESSY J. OHL, PHAEDRA C. PEZZULLO, DAMIEN SMITH PFISTER, SAMANTHA SENDA-COOK, LISA SILVESTRI, AND VALERIE THATCHER.

BUILDING MATERIALS, HEALTH AND INDOOR AIR QUALITY TOM WOOLLEY 2016-10-04 THE IMPACT OF BUILDING MATERIALS AND CONSTRUCTION METHODS ON THE HEALTH AND WELLBEING OF OCCUPANTS IS OFTEN UNDERESTIMATED. THIS BOOK IS AN ESSENTIAL GUIDE TO UNDERSTANDING AND AVOIDING HAZARDOUS MATERIALS AND POOR AIR QUALITY IN BUILDINGS. THE AUTHOR COVERS A RANGE OF ISSUES BEGINNING WITH AN EXPLANATION OF HOW BUILDINGS WORK AND HOW THIS INFLUENCES THE HEALTH OF OCCUPANTS AND USERS. THE TEXT COVERS: VENTILATION, AIR CONDITIONING AND INDOOR AIR QUALITY DAMP AND MOULD ASTHMA AND RESPIRATORY PROBLEMS CANCER AND ENDOCRINE DISORDERS RADIATION AND RADON HAZARDOUS BUILDING MATERIALS USED IN CONSTRUCTION INDOOR AIR QUALITY AND EMISSIONS ECOLOGICAL ALTERNATIVES AND APPROACHES AND REMEDIES FOR 'SICK' BUILDINGS THE BOOK ALSO GUIDES THE READER THROUGH THE CONFUSING WORLD OF REGULATIONS, EU AND INTERNATIONAL GUIDELINES AND CERTIFICATIONS, AND PROVIDES A CRITICAL ANALYSIS OF DIFFERENT THEORIES OF HEALTHY BUILDINGS AND PHILOSOPHIES. WRITTEN IN A CLEAR AND ACCESSIBLE STYLE, THIS BOOK PROVIDES INDISPENSABLE ADVICE AND INFORMATION TO ANYONE WISHING TO BETTER UNDERSTAND HEALTHY BUILDINGS AND MATERIALS. IT IS ESSENTIAL READING FOR ARCHITECTS, SURVEYORS, PUBLIC HEALTH PROFESSIONALS, FACILITIES MANAGERS AND ENVIRONMENTALISTS.

GREEN INTELLIGENCE JOHN WARGO 2009-09-29 WE LIVE IN A WORLD AWASH IN MANMADE CHEMICALS, FROM THE PESTICIDES ON OUR FRONT LAWNS TO THE DIESEL EXHAUST IN THE AIR WE BREATHE. ALTHOUGH EXPERTS ARE BEGINNING TO UNDERSTAND THE POTENTIAL DANGERS OF THESE SUBSTANCES, THERE ARE STILL MORE THAN 80,000 SYNTHETIC COMPOUNDS THAT HAVE NOT BEEN SUFFICIENTLY TESTED TO INTERPRET THEIR EFFECTS ON HUMAN HEALTH. YALE UNIVERSITY PROFESSOR JOHN WARGO HAS SPENT MUCH OF HIS CAREER RESEARCHING THE IMPACT OF CHEMICAL EXPOSURES ON WOMEN AND CHILDREN. IN THIS BOOK, HE EXPLAINS THE ORIGINS OF SOCIETY'S PROFOUND MISUNDERSTANDING OF EVERYDAY CHEMICAL HAZARDS AND OFFERS A PRACTICAL PATH TOWARD DEVELOPING GREATER "GREEN INTELLIGENCE." DESPITE THE RISING TREND IN ENVIRONMENTAL AWARENESS, INFORMATION ABOUT SYNTHETIC SUBSTANCES IS OFTEN UNAVAILABLE, DISTORTED, KEPT SECRET, OR PRESENTED IN A WAY THAT PREVENTS CITIZENS FROM ACTING TO REDUCE THREATS TO THEIR HEALTH AND THE ENVIRONMENT. BY EXAMINING THE HISTORIES OF FIVE HAZARDOUS TECHNOLOGIES AND PRACTICES, WARGO FINDS REMARKABLE PATTERNS IN THE DELAYED DISCOVERY OF DANGERS AND EXPLAINS THE GOVERNMENTS' FAILURES TO MANAGE THEM EFFECTIVELY. SOBERING YET EMINENTLY READABLE, WARGO'S BOOK ULTIMATELY OFFERS A CLEAR VISION FOR A SAFER FUTURE THROUGH PREVENTION, TRANSPARENCY, AND AWARENESS.

THE BET PAUL SABIN 2013-09-03

2021 INTERNATIONAL CONFERENCE ON APPLICATIONS AND TECHNIQUES IN CYBER INTELLIGENCE JEMAL ABAWAJY 2021-06-23 THIS BOOK PRESENTS INNOVATIVE IDEAS, CUTTING-EDGE FINDINGS, AND NOVEL TECHNIQUES, METHODS, AND APPLICATIONS IN A BROAD RANGE OF CYBERSECURITY AND CYBERTHREAT INTELLIGENCE AREAS. AS OUR SOCIETY BECOMES SMARTER, THERE IS A CORRESPONDING NEED TO SECURE OUR CYBERFUTURE. THE BOOK DESCRIBES APPROACHES AND FINDINGS THAT ARE OF INTEREST TO BUSINESS PROFESSIONALS AND GOVERNMENTS SEEKING TO SECURE OUR DATA AND UNDERPIN INFRASTRUCTURES, AS WELL AS TO INDIVIDUAL USERS.

DISABILITY STUDIES AND THE ENVIRONMENTAL HUMANITIES SARAH JAQUETTE RAY 2017-06 ALTHOUGH SCHOLARS IN THE ENVIRONMENTAL HUMANITIES HAVE BEEN EXPLORING THE DICHOTOMY BETWEEN "WILD" AND "BUILT" ENVIRONMENTS FOR SEVERAL YEARS, FEW HAVE FOCUSED ON THE FIELD OF DISABILITY STUDIES, A DISCIPLINE THAT ENLISTS THE CONTINGENCY BETWEEN ENVIRONMENTS AND BODIES AS A FOUNDATION OF ITS SCHOLARSHIP. ON THE OTHER HAND, SCHOLARS IN DISABILITY STUDIES HAVE DEMONSTRATED THE WAYS IN WHICH THE BUILT ENVIRONMENT PRIVILEGES SOME BODIES AND MINDS OVER OTHERS, YET THEY HAVE RARELY EXAMINED THE WAYS IN WHICH TOXIC ENVIRONMENTS ENGENDER CHRONIC ILLNESS AND DISABILITY OR HOW ENVIRONMENTAL ILLNESSES DISRUPT DOMINANT PARADIGMS FOR SCRUTINIZING "DISABILITY." DESIGNED AS A READER FOR UNDERGRADUATE AND GRADUATE COURSES, DISABILITY STUDIES AND THE ENVIRONMENTAL HUMANITIES EMPLOYS INTERDISCIPLINARY PERSPECTIVES TO EXAMINE SUCH ISSUES AS SLOW VIOLENCE, IMPERIALISM, RACE, TOXICITY, ECO-SICKNESS, THE BODY IN ENVIRONMENTAL JUSTICE, ABLEISM, AND OTHER TOPICS. WITH A HISTORICAL SCOPE SPANNING THE SEVENTEENTH CENTURY TO THE PRESENT, THIS COLLECTION NOT ONLY PRESENTS THE FOUNDATIONAL DOCUMENTS INFORMING THIS INTERSECTION OF FIELDS BUT ALSO SHOWCASES THE MOST CURRENT WORK, MAKING IT AN INDISPENSABLE REFERENCE.

PLASTIC SUSAN FREINKEL 2011-04-18 "THIS ELOQUENT, ELEGANT BOOK THOUGHTFULLY PLUMBS THE . . . CONSEQUENCES OF OUR DEPENDENCE ON PLASTICS" (THE BOSTON GLOBE, A BEST NONFICTION BOOK OF 2011). FROM PACEMAKERS TO DISPOSABLE BAGS, PLASTIC BUILT THE MODERN WORLD. BUT A CENTURY INTO OUR LOVE AFFAIR, WE'RE STARTING TO REALIZE IT'S NOT SUCH A HEALTHY RELATIONSHIP. AS JOURNALIST SUSAN FREINKEL POINTS OUT IN THIS EYE-OPENING BOOK, WE'RE AT A CRISIS POINT. PLASTICS DRAW ON DWINDLING FOSSIL FUELS, LEACH HARMFUL CHEMICALS, LITTER LANDSCAPES, AND DESTROY MARINE LIFE. WE'RE DROWNING IN THE STUFF, AND WE NEED TO START MAKING SOME HARD CHOICES. FREINKEL TELLS HER STORY THROUGH EIGHT FAMILIAR PLASTIC OBJECTS: A COMB, A CHAIR, A FRISBEE, AN IV BAG, A DISPOSABLE LIGHTER, A GROCERY BAG, A SODA BOTTLE, AND A CREDIT CARD. WITH A BLEND OF LIVELY ANECDOTES AND ANALYSIS, SHE SIFTS THROUGH SCIENTIFIC STUDIES AND ECONOMIC DATA, REPORTING FROM CHINA AND ACROSS THE UNITED STATES TO ASSESS THE REAL IMPACT OF PLASTIC ON OUR LIVES. HER CONCLUSION IS SEVERE, BUT NOT WITHOUT HOPE. PLASTIC POINTS THE WAY TOWARD A NEW CREATIVE PARTNERSHIP WITH THE MATERIAL WE LOVE, HATE, AND CAN'T SEEM TO LIVE WITHOUT. "WHEN YOU WRITE ABOUT SOMETHING SO UBIQUITOUS AS PLASTIC, YOU MUST BE PREPARED TO WRITE IN SEVERAL MODES, AND FREINKEL RISES TO THIS TASK. . . . SHE MANAGES TO RENDER THE MOST DULL CHEMICAL REACTION INTO VIGOROUS, BREATHLESS SENTENCES." —SF GATE "FREINKEL'S SMART, WELL-WRITTEN ANALYSIS OF THIS LOVE-HATE RELATIONSHIP IS LIKELY TO MAKE PLASTIC LOVERS TAKE PAUSE, PLASTIC HATERS RELUCTANTLY REALIZE ITS VALUE, AND ALL OF US UNDERSTAND THE IMPORTANCE OF INDIVIDUAL ACTION, POLITICAL WILL, AND TECHNOLOGICAL INNOVATION IN WEANING US OFF OUR ADDICTION TO SYNTHETICS." —PUBLISHERS WEEKLY "A COMPULSIVELY INTERESTING STORY. BUY IT (WITH CASH)." —BILL MCKIBBEN, AUTHOR OF THE END OF NATURE "WHAT A GREAT READ—RIGOROUS, SMART, INSPIRING, AND AS SEDUCTIVE AS PLASTIC ITSELF." —KARIM RASHID, DESIGNER

RAISING ELIJAH SANDRA STEINGRABER 2011-03-29 NOTHING COULD BE MORE IMPORTANT THAN THE HEALTH OF OUR CHILDREN, AND NO ONE IS BETTER SUITED TO EXAMINE THE THREATS AGAINST IT THAN SANDRA STEINGRABER. ONCE CALLED "A POET WITH A KNIFE," SHE BLENDS PRECISE SCIENCE WITH LYRICAL MEMOIR. IN LIVING DOWNSTREAM SHE SPOKE AS A BIOLOGIST AND CANCER SURVIVOR; IN HAVING FAITH SHE SPOKE AS AN ECOLOGIST AND EXPECTANT MOTHER, VIEWING HER OWN BODY AS A HABITAT. NOW SHE SPEAKS AS THE SCIENTIST MOTHER OF TWO YOUNG CHILDREN, ENJOYING AND CELEBRATING THEIR LIVES WHILE SEARCHING FOR WAYS TO PROTECT THEM--AND ALL CHILDREN--FROM THE TOXIC, CLIMATE-THREATENED WORLD THEY INHABIT EACH CHAPTER OF THIS ENGAGING AND UNIQUE BOOK FOCUSES ON ONE INEVITABLE INGREDIENT OF CHILDHOOD--EVERYTHING FROM PIZZA TO LAUNDRY TO HOMEWORK TO THE "BIG TALK"--AND EXPLORES THE UNDERLYING SOCIAL, POLITICAL, AND ECOLOGICAL FORCES BEHIND IT. THROUGH THESE EVERYDAY MOMENTS, STEINGRABER DEMONSTRATES HOW CLOSELY THE PRIVATE, INTIMATE WORLD OF PARENTING CONNECTS TO THE PUBLIC WORLD OF POLICY-MAKING AND HOW THE ONGOING ENVIRONMENTAL CRISIS IS, FUNDAMENTALLY, A CRISIS OF FAMILY LIFE.

SCIENCE NEWS 2009

SUSTAINABLE ENVIRONMENT AND TRANSPORTATION MING JIN CHU 2012-05-14 THESE SELECTED PAPERS OFFER AN OVERVIEW OF CURRENT KNOWLEDGE IN THE FIELDS OF RENEWABLE ENERGY AND BUILDING ENERGY SAVING; INDOOR ENVIRONMENTS; CITY ECOLOGICAL ENVIRONMENTS; WATER PURIFICATION AND WASTEWATER TREATMENT; AIR ENVIRONMENT CONTROL AND ARCHITECTURAL ENVIRONMENT IMPROVEMENT TECHNIQUES; ROAD AND RAILWAY ENGINEERING; TRANSPORTATION PLANNING, CONSTRUCTION AND OPERATION ORGANIZATION; BRIDGE ENGINEERING; TRAFFIC CONTROL AND INFORMATION TECHNOLOGY; CARRIER OPERATION ENGINEERING. THE VOLUMES PROVIDE A COMPREHENSIVE PICTURE OF THE SITUATION WORLD WIDE.

ENVIRONMENT, ENERGY AND SUSTAINABLE DEVELOPMENT WEN-PEI SUNG 2013-12-17 ENVIRONMENT, ENERGY AND SUSTAINABLE DEVELOPMENT BRINGS TOGETHER 242 PEER-REVIEWED PAPERS PRESENTED AT THE 2013 INTERNATIONAL CONFERENCE ON FRONTIERS

OF ENERGY AND ENVIRONMENT ENGINEERING, HELD IN XIAMEN, CHINA, NOVEMBER 28-29, 2013. THE MAIN OBJECTIVE OF THIS PROCEEDINGS SET IS TO TAKE THE ENVIRONMENT-ENERGY DEVELOPMENTS DISCUSSION A STEP FURTHER. VOLUME 1 OF THE SET IS DEVOTED TO ENERGY, POWER AND ENVIRONMENTAL ENGINEERING, AND VOLUME 2 TO CONTROL, INFORMATION AND APPLICATIONS. ENVIRONMENT, ENERGY AND SUSTAINABLE DEVELOPMENT IS INTENDED TO SERVE AS RESOURCE MATERIAL FOR SCIENTISTS WORKING ON RELATED TOPICS IN MANY DISCIPLINES, INCLUDING ENVIRONMENTAL SCIENCE, MANAGEMENT SCIENCE, AND ENERGY SCIENCE AND POLICY ANALYSIS, AS WELL AS FOR INDUSTRY PROFESSIONALS IN THE WIDE FIELD OF ENERGY AND ENVIRONMENTAL ENGINEERING.

PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND COMPUTER VISION (AICV2020) ABOU-ELLA HASSANIEH 2020-03-23 THIS BOOK PRESENTS THE PROCEEDINGS OF THE 1ST INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND COMPUTER VISIONS (AICV 2020), WHICH TOOK PLACE IN CAIRO, EGYPT, FROM APRIL 8 TO 10, 2020. THIS INTERNATIONAL CONFERENCE, WHICH HIGHLIGHTED ESSENTIAL RESEARCH AND DEVELOPMENTS IN THE FIELDS OF ARTIFICIAL INTELLIGENCE AND COMPUTER VISIONS, WAS ORGANIZED BY THE SCIENTIFIC RESEARCH GROUP IN EGYPT (SRGE). THE BOOK IS DIVIDED INTO SECTIONS, COVERING THE FOLLOWING TOPICS: SWARM-BASED OPTIMIZATION MINING AND DATA ANALYSIS, DEEP LEARNING AND APPLICATIONS, MACHINE LEARNING AND APPLICATIONS, IMAGE PROCESSING AND COMPUTER VISION, INTELLIGENT SYSTEMS AND APPLICATIONS, AND INTELLIGENT NETWORKS.

BOMBS AWAY DAVID G. HAVLICK 2018-04-11 WHEN VIEWED FROM SPACE, THE KOREAN PENINSULA IS CROSSED BY A THIN GREEN RIBBON. ON THE GROUND, ITS MIX OF DENSE VEGETATION AND CLEARED BORDERLANDS SERVES AS HOME TO DOZENS OF SPECIES THAT ARE EXTINCT OR ENDANGERED ELSEWHERE ON THE PENINSULA. THIS IS KOREA'S DEMILITARIZED ZONE—ONE OF THE MOST DANGEROUS PLACES ON EARTH FOR HUMANS, AND PARADOXICALLY ONE OF THE SAFEST FOR WILDLIFE. ALTHOUGH THIS ZONE WAS NOT INTENTIONALLY CREATED FOR CONSERVATION, ACROSS THE GLOBE HUNDREDS OF MILLIONS OF ACRES OF FORMER MILITARY ZONES AND BASES ARE BEING CONVERTED TO RESTORATION AREAS, REFUGES, AND CONSERVATION LANDS. DAVID G. HAVLICK HAS TRAVELED THE WORLD VISITING THESE SPACES OF MILITARY-TO-WILDLIFE TRANSITION, AND IN *BOMBS AWAY* HE EXPLORES BOTH THE CHALLENGES—PHYSICAL, HISTORICAL, AND CULTURAL—AND FASCINATING ECOLOGICAL POSSIBILITIES OF MILITARY SITE CONVERSIONS. LOOKING AT PARTICULAR INTERNATIONAL SITES OF TRANSITION—FROM INDIANA'S BIG OAKS NATIONAL WILDLIFE REFUGE TO COLD WAR REMNANTS ALONG THE FORMER IRON CURTAIN—HAVLICK ARGUES THAT THESE NEW FRONTIERS OF CONSERVATION MUST ACCOMPLISH SEEMINGLY ANTI-THETICAL AIMS: REBUILDING AND PROTECTING ECOSYSTEMS, OR RESTORING LIFE, WHILE ALSO COMMEMORATING THE HISTORICAL AND CULTURAL LEGACIES OF WARFARE AND MILITARIZATION. DEVELOPING THESE IDEAS FURTHER, HE SHOWS THAT DESPITE THE ECOLOGICAL DEVASTATION OFTEN WROUGHT BY MILITARY TESTING AND TRAINING, THESE ACTIVITIES NEED NOT BE INCONSISTENT WITH ENVIRONMENTAL GOALS, AND IN SOME CASES CAN EVEN COMPLEMENT THEM—A CONCEPT HE CALLS ECOLOGICAL MILITARIZATION. A PROFOUND, CLEAR EXPLICATION OF LANDSCAPES BOTH FRAUGHT AND FECUND, MARKED BY DEATH BUT ALSO RESERVOIRS OF LIFE, *BOMBS AWAY* SHOWS US HOW “MILITARY ACTIVITIES, CONSERVATION GOALS, AND ECOLOGICAL RESTORATION EFFORTS ARE MADE TO WORK TOGETHER TO CREATE NEW KINDS OF PLACES AND NEW CONCEPTIONS OF PLACE.”

ECOSYSTEM CRISES INTERACTIONS MERRILL SINGER 2021-03-11 EXPLORES THE HUMAN IMPACTS ON ENVIRONMENT THAT LEAD TO SERIOUS ECOLOGICAL CRISES, AN INNOVATIVE RESOURCE FOR STUDENTS, PROFESSIONALS, AND RESEARCHERS ALIKE *ECOSYSTEM CRISES INTERACTION: HUMAN HEALTH AND THE CHANGING ENVIRONMENT* PROVIDES A TIMELY AND INNOVATIVE FRAMEWORK FOR UNDERSTANDING HOW NEGATIVE HUMAN ACTIVITY IMPACTS THE ENVIRONMENT, AND HOW SEEMINGLY DISPARATE FACTORS CONNECT TO, AND MAGNIFY, HAZARDOUS CONSEQUENCES UNDER A CHANGING CLIMATE. PRESENTING A COHERENT, HOLISTIC PERSPECTIVE TO THE SUBJECT, THIS COMPELLING TEXTBOOK AND REFERENCE EXAMINES THE DIVERSE, OFTEN UNEXPECTED LINKS THAT CONNECT OUR COMPLEX WORLD IN CONTEXT OF GLOBAL CLIMATE CHANGE. THE TEXT ILLUSTRATES HOW ECO-CRISIS INTERACTION—THE SYNERGISTIC INTERFACE OF TWO OR MORE ENVIRONMENTAL EVENTS OR POLLUTANTS—CAN MULTIPLY TO PRODUCE HARMFUL HEALTH EFFECTS THAT ARE GREATER THAN THEIR ADDITIVE IMPACT. THIS CONCEPT IS HIGHLIGHTED THROUGH NUMEROUS REAL AND RELATABLE EXAMPLES, FROM THE USE OF SEDIMENT ROCK IN HYDRAULIC AND DRINKING WATER FILTRATION SYSTEMS, TO THE CONNECTIONS BETWEEN HUMAN DEVELOPMENT AND CRISES SUCH AS DEFORESTATION, EMERGENT INFECTIOUS DISEASES, AND GLOBAL FOOD INSECURITY. THROUGHOUT THE TEXT, SPECIFIC EXAMPLES PRESENT OPPORTUNITIES TO CONSIDER BROADER QUESTIONS ABOUT THE EXTINCTION OF SPECIES, POPULATIONS, AND WAYS OF LIFE. PRESENTING A BALANCED INVESTIGATION OF THE INTERACTION OF CONTEMPORARY ECOLOGICAL DANGERS, HUMAN BEHAVIOR, AND HEALTH, THIS UNIQUE RESOURCE: EXPLORES HOW COMPLEX INTERACTIONS BETWEEN GLOBAL WARMING AND ANTHROPOGENIC IMPAIRMENTS MAGNIFY THE DIVERSE ECOLOGICAL PERILS AND THREATS FACING HUMANS AND OTHER SPECIES DISCUSSES ROADBLOCKS TO ADDRESSING ENVIRONMENTAL RISK, SUCH AS GLOBAL ELITE POLLUTERS, THE ORGANIZED DENIAL OF CLIMATE CHANGE, AND DELIBERATE ENVIRONMENTAL DISRUPTION FOR FINANCIAL GAIN DESCRIBES HOW THE PRODUCTION AND USE OF FOSSIL FUELS ARE DRIVING A SIGNIFICANT RISE IN CARBON DIOXIDE AND OTHER POLLUTANTS IN THE ATMOSPHERE AND IN THE OCEANS ILLUSTRATES HOW INDUSTRIAL PRODUCTION IS CONTRIBUTING TO AN ARRAY OF ENVIRONMENTAL CRISES, INCLUDING FUEL SPILLS, WASTE LEAKAGES, AND LOSS OF BIODIVERSITY EXAMINES THE CRITICAL

ECOSYSTEMS THAT ARE AT RISK FROM INTERACTING STRESSORS OF HUMAN ORIGIN ECOSYSTEM CRISES INTERACTION: HUMAN HEALTH AND THE CHANGING ENVIRONMENT IS AN IDEAL TEXTBOOK FOR ADVANCED UNDERGRADUATE AND GRADUATE STUDENTS IN COURSES INCLUDING PUBLIC AND ALLIED HEALTH, ENVIRONMENTAL STUDIES, MEDICAL ECOLOGY, MEDICAL ANTHROPOLOGY, AND GEO-HEALTH, AND A VALUABLE REFERENCE FOR RESEARCHERS, PRACTITIONERS, AND POLICY MAKERS IN FIELDS SUCH AS ENVIRONMENTAL HEALTH, GLOBAL AND PLANETARY HEALTH, PUBLIC HEALTH, CLIMATE CHANGE, AND MEDICAL SOCIAL SCIENCE.

ADVANCES OF ARTIFICIAL INTELLIGENCE IN A GREEN ENERGY ENVIRONMENT PANDIAN VASANT 2022-06-01 ADVANCES OF ARTIFICIAL INTELLIGENCE IN A GREEN ENERGY ENVIRONMENT REVIEWS THE NEW TECHNOLOGIES IN INTELLIGENT COMPUTING AND AI THAT ARE REDUCING THE DIMENSION OF DATA COVERAGE WORLDWIDE. THIS HANDBOOK DESCRIBES INTELLIGENT OPTIMIZATION ALGORITHMS THAT CAN BE APPLIED IN VARIOUS BRANCHES OF ENERGY ENGINEERING WHERE UNCERTAINTY IS A MAJOR CONCERN. INCLUDING AI METHODOLOGIES AND APPLYING ADVANCED EVOLUTIONARY ALGORITHMS TO REAL-WORLD APPLICATION PROBLEMS FOR EVERYDAY LIFE APPLICATIONS, THIS BOOK CONSIDERS DISTRIBUTED ENERGY SYSTEMS, HYBRID RENEWABLE ENERGY SYSTEMS USING AI METHODS, AND NEW OPPORTUNITIES IN BLOCKCHAIN TECHNOLOGY IN SMART ENERGY. COVERING STATE-OF-THE-ART DEVELOPMENTS IN A FAST-MOVING TECHNOLOGY, THIS REFERENCE IS USEFUL FOR ENGINEERING STUDENTS AND RESEARCHERS INTERESTED AND WORKING IN THE AI INDUSTRY. LOOKS AT NEW TECHNIQUES IN ARTIFICIAL INTELLIGENCE (AI) REDUCING THE DIMENSION OF DATA COVERAGE WORLDWIDE CHAPTERS INCLUDE AI METHODOLOGIES USING ENHANCED HYBRID SWARM-BASED OPTIMIZATION ALGORITHMS INCLUDES FLOWCHART DIAGRAMS FOR EXAMPLING OPTIMIZING TECHNIQUES

GREEN TECHNOLOGICAL INNOVATION FOR SUSTAINABLE SMART SOCIETIES CHINMAY CHAKRABORTY 2021-10-15 THIS BOOK DISCUSSES THE INNOVATIVE AND EFFICIENT TECHNOLOGICAL SOLUTIONS FOR SUSTAINABLE SMART SOCIETIES IN TERMS OF ALTERATION IN INDUSTRIAL POLLUTION LEVELS, THE EFFECT OF REDUCED CARBON EMISSIONS, GREEN POWER MANAGEMENT, ECOLOGY, AND BIODIVERSITY, THE IMPACT OF MINIMAL NOISE LEVELS AND AIR QUALITY INFLUENCES ON HUMAN HEALTH. THE BOOK IS FOCUSED ON THE SMART SOCIETY DEVELOPMENT USING INNOVATIVE LOW-COST ADVANCED TECHNOLOGY IN DIFFERENT AREAS WHERE THE GROWTH IN EMPLOYMENT AND INCOME ARE DRIVEN BY PUBLIC AND PRIVATE INVESTMENT INTO SUCH ECONOMIC ACTIVITIES, INFRASTRUCTURE AND ASSETS THAT ALLOW REDUCED CARBON EMISSIONS AND POLLUTION, ENHANCED ENERGY, AND RESOURCE EFFICIENCY AND PREVENTION OF THE LOSS OF BIODIVERSITY AND ECOSYSTEM SERVICES. THE BOOK ALSO COVERS THE PARADIGM SHIFT IN THE SUSTAINABLE DEVELOPMENT FOR THE GREEN ENVIRONMENT IN THE POST-PANDEMIC ERA. IT EMPHASIZES AND FACILITATES A GREATER UNDERSTANDING OF EXISTING AVAILABLE RESEARCH I.E., THEORETICAL, METHODOLOGICAL, WELL-ESTABLISHED AND VALIDATED EMPIRICAL WORK, ASSOCIATED WITH THE ENVIRONMENTAL AND CLIMATE CHANGE ASPECTS.

THE BUSINESS OF SUSTAINABILITY SCOTT G. MCNALL 2011 THIS THREE-VOLUME SET IS A LANDMARK COMPREHENSIVE OVERVIEW OF THE BUSINESS OF SUSTAINABILITY, PROVIDING 56 SEPARATE CHAPTERS FROM LEADERS IN BUSINESS, NON-PROFIT ORGANIZATIONS, AND FROM WITHIN THE ACADEMIC AND POLICY WORLD. * CONTRIBUTIONS FROM MORE THAN 70 AUTHORS RECOGNIZED FOR THEIR WORK IN SUSTAINABILITY * SEVERAL CHAPTERS WITH SYSTEMIC FRAMEWORKS * NUMEROUS CASE STUDIES DEMONSTRATING SUCCESSFUL APPROACHES BY INDUSTRY INNOVATORS * 55 FIGURES WITH MODELS AND STEPS FOR ANALYSES * A BIBLIOGRAPHY WITH EACH CHAPTER

INVESTIGATING SOCIAL PROBLEMS A. JAVIER TREVINO 2021-01-05 GENERAL EDITOR A. JAVIER TREVINO o, WORKING WITH A PANEL OF EXPERTS, THOROUGHLY EXAMINES ALL ASPECTS OF SOCIAL PROBLEMS, PROVIDING A CONTEMPORARY AND AUTHORITATIVE INTRODUCTION TO THE FIELD. EACH CHAPTER IS WRITTEN BY A SPECIALIST ON THAT PARTICULAR TOPIC. THIS UNIQUE, CONTRIBUTED FORMAT ENSURES THAT THE RESEARCH, EXAMPLES, AND THEORIES DESCRIBED ARE THE MOST CURRENT AND RELEVANT AVAILABLE.