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RISK, UNCERTAINTY AND PROFIT NEW ECONOMICS OF RISK AND UNCERTAINTY RISK, UNCERTAINTY AND PROFIT MANAGING RISK AND UNCERTAINTY RISK, UNCERTAINTY AND PROFIT RISK, UNCERTAINTY AND PROFIT RISK, UNCERTAINTY AND RATIONAL ACTION RISK GOVERNANCE TAKING RISKS RISK, UNCERTAINTY AND PROFIT (CLASSIC REPRINT) THEORIES OF UNCERTAINTY AND RISK ACROSS DIFFERENT MODERNITIES UNCERTAINTY RISK, UNCERTAINTY AND PROFIT TRUST IN COOPERATIVE RISK MANAGEMENT HOW TO MANAGE PROJECT OPPORTUNITY AND RISK RISK, UNCERTAINTY, AND PROFIT UNCERTAINTY IN RISK ASSESSMENT, RISK MANAGEMENT, AND DECISION MAKING RISK, UNCERTAINTY AND PROFIT THE ECONOMICS OF RISK AND UNCERTAINTY RISK AND UNCERTAINTY RISK, UNCERTAINTY, AND DECISION-MAKING IN PROPERTY DEVELOPMENT PANDORA'S RISK RISK, UNCERTAINTY AND GOVERNMENT RISK, UNCERTAINTY, AND PROFIT THE FLAW OF AVERAGES STRATEGIC RISK LEADERSHIP INVESTMENT RISK AND UNCERTAINTY PRINCIPLES OF RISK ANALYSIS RISK, UNCERTAINTY AND THE AGRICULTURAL FIRM PRIMER ON RISK ANALYSIS ADVANCES IN DECISION MAKING UNDER RISK AND UNCERTAINTY RISK AND UNCERTAINTY FOUNDATIONS OF RISK ANALYSIS RISK, UNCERTAINTY AND DECISION-MAKING IN PROPERTY ECONOMIC AND ENVIRONMENTAL RISK AND UNCERTAINTY UNCERTAINTY CHARACTERIZATION IN RISK ANALYSIS FOR DECISION-MAKING PRACTICE SOCIAL THEORIES OF RISK AND UNCERTAINTY RISK AND UNCERTAINTY IN A POST-TRUTH SOCIETY HOW NEW RISK MANAGEMENT HELPS LEADERS MASTER UNCERTAINTY RISK, UNCERTAINTY AND POLICY

Risk, Uncertainty and Profit

2012-03-09

DIVTHIS ENDURING ECONOMICS TEXT PROVIDED THE THEORETICAL BASIS OF THE ENTREPRENEURIAL AMERICAN ECONOMY DURING THE POST INDUSTRIAL ERA A REVOLUTIONARY WORK IT TAUGHT THE WORLD HOW TO SYSTEMATICALLY DISTINGUISH BETWEEN RISK AND UNCERTAINTY DIV

NEW ECONOMICS OF RISK AND UNCERTAINTY

2007

PRESENTS AN ALTERNATIVE THEORETICAL FRAMEWORK THAT CAN SERVE AS THE BASIS FOR A NEW AGE OF ECONOMIC ANALYSIS UNDER RISK AND UNCERTAINTY THIS WORK FEATURES AN ENDOGENOUS THEORY THAT OVERCOMES THE MAJOR SHORTCOMINGS OF BOTH THE EXPECTED UTILITY AND THE RANK DEPENDENT MODELS WHILE IT POSSESSES THE MERITS OF BOTH

Risk, Uncertainty and Profit

1921

A COMPREHENSIVE FRAMEWORK FOR ASSESSING STRATEGIES FOR MANAGING RISK AND UNCERTAINTY INTEGRATING THEORY AND PRACTICE AND SYNTHESIZING INSIGHTS FROM MANY FIELDS THIS BOOK OFFERS A FRAMEWORK FOR MAKING DECISIONS UNDER RISK AND UNCERTAINTY SYNTHESIZING RESEARCH FROM ECONOMICS FINANCE DECISION THEORY MANAGEMENT AND OTHER FIELDS THE BOOK PROVIDES A SET OF TOOLS AND A WAY OF THINKING THAT DETERMINES THE RELATIVE MERITS OF DIFFERENT STRATEGIES IT TAKES AS ITS PREMISE THAT WE MAKE BETTER DECISIONS IF WE USE THE WHOLE TOOLKIT OF ECONOMICS AND RELATED FIELDS TO INFORM OUR DECISION MAKING THE TEXT EXPLORES THE DISTINCTION BETWEEN RISK AND UNCERTAINTY AND COVERS STANDARD MODELS OF DECISION MAKING UNDER RISK AS WELL AS MORE RECENT WORK ON DECISION MAKING UNDER UNCERTAINTY WITH A PARTICULAR FOCUS ON STRATEGIC INTERACTION IT ALSO EXAMINES THE

IMPLICATIONS OF INCOMPLETE MARKETS FOR MANAGING UNDER UNCERTAINTY IT PRESENTS FOUR CORE STRATEGIES A BENCHMARK STRATEGY PROCEEDING AS IF RISK AND UNCERTAINTY WERE LOW A FINANCIAL HEDGING STRATEGY VALUABLE IF THERE IS MUCH RISK AN OPERATIONAL HEDGING STRATEGY VALUABLE FOR CONDITIONS OF MUCH UNCERTAINTY AND A FLEXIBLE STRATEGY VALUABLE IF THERE IS MUCH RISK AND OR UNCERTAINTY THE BOOK THEN EXAMINES VARIOUS ASPECTS OF THESE STRATEGIES IN GREATER DEPTH BUILDING ON EMPIRICAL WORK IN SEVERAL DIFFERENT FIELDS TOPICS INCLUDE PRICE SETTING REAL OPTIONS AND MONTE CARLO TECHNIQUES ORGANIZATIONAL STRUCTURE AND BEHAVIORAL BIASES MANY CHAPTERS INCLUDE EXERCISES AND APPENDIXES WITH ADDITIONAL MATERIAL THE BOOK CAN BE USED IN GRADUATE OR ADVANCED UNDERGRADUATE COURSES IN RISK MANAGEMENT AS A GUIDE FOR RESEARCHERS OR AS A REFERENCE FOR MANAGEMENT PRACTITIONERS

MANAGING RISK AND UNCERTAINTY

2015-11-13

RISK AS WE NOW KNOW IT IS A WHOLLY NEW PHENOMENON THE BY PRODUCT OF OUR EVER MORE COMPLEX AND POWERFUL TECHNOLOGIES IN BUSINESS POLICY MAKING AND IN EVERYDAY LIFE IT DEMANDS A NEW WAY OF LOOKING AT TECHNOLOGICAL AND ENVIRONMENTAL UNCERTAINTY IN THIS DEFINITIVE VOLUME FOUR OF THE WORLD S LEADING RISK RESEARCHERS PRESENT A FUNDAMENTAL CRITIQUE OF THE PREVAILING APPROACHES TO UNDERSTANDING AND MANAGING RISK THE RATIONAL ACTOR PARADIGM THEY SHOW HOW RISK STUDIES MUST INCORPORATE THE COMPETING INTERESTS VALUES AND RATIONALITIES OF THOSE INVOLVED AND FIND A BALANCE OF TRUST AND ACCEPTABLE RISK THEIR WORK POINTS TO A COMPREHENSIVE AND SIGNIFICANT NEW THEORY OF RISK AND UNCERTAINTY AND OF THE DECISION MAKING PROCESS THEY REQUIRE THE IMPLICATIONS FOR SOCIAL POLITICAL AND ENVIRONMENTAL THEORY AND PRACTICE ARE ENORMOUS WINNER OF THE 2000 2002 OUTSTANDING PUBLICATION AWARD OF THE SECTION ON ENVIRONMENT AND TECHNOLOGY OF THE AMERICAN SOCIOLOGICAL ASSOCIATION

RISK, UNCERTAINTY AND PROFIT

2018

RISK GOVERNANCE IS A TOUR DE FORCE EVERY RISK MANAGER EVERY RISK ANALYST EVERY RISK RESEARCHER MUST READ THIS BOOK IT IS THE DEMARCATION POINT FOR ALL FURTHER ADVANCES IN RISK POLICY AND RISK RESEARCH RENN PROVIDES AUTHORITATIVE GUIDANCE ON HOW TO MANAGE RISKS BASED ON A DEFINITIVE SYNTHESIS OF THE RESEARCH LITERATURE THE SKILL WITH WHICH HE BUILDS PRACTICAL RECOMMENDATIONS FROM SOLID SCIENCE IS UNPRECEDENTED THOMAS DIETZ DIRECTOR ENVIRONMENTAL SCIENCE AND POLICY PROGRAM MICHIGAN STATE UNIVERSITY USA A MASTERPIECE OF NEW KNOWLEDGE AND WISDOM WITH ILLUSTRATIVE EXAMPLES OF TESTED APPLICATIONS TO REALWORLD CASES THE BOOK IS RECOMMENDABLE ALSO TO INTERESTED STUDENTS IN DIFFERENT DISCIPLINES AS A TIMELY TEXTBOOK ON RISK BEYOND RISK NORIO OKADA FULL PROFESSOR AND DIRECTOR AT THE DISASTER PREVENTION RESEARCH INSTITUTE DPRI KYOTO UNIVERSITY JAPAN THERE ARE CLASSIC ENVIRONMENTAL WORKS SUCH AS THE TRAGEDY OF THE COMMONS BY HARDIN RISK SOCIETY BY BECK THE THEORY OF COMMUNICATIVE ACTION BY HABERMAS AND THE SEMINAL VOLUMES BY OSTROM ON GOVERNING THE COMMONS RENN'S BOOK FITS RIGHT INTO THIS SERIES OF IMPORTANT MILESTONES OF ENVIRONMENTAL STUDIES JOCHEN JAEGER PROFESSOR AT CONCORDIA UNIVERSITY MONTREAL CANADA RISK GOVERNANCE PROVIDES A VALUABLE SURVEY OF THE WHOLE FIELD OF RISK AND DEMONSTRATES HOW SCIENTIFIC ECONOMIC POLITICAL AND CIVIL SOCIETY ACTORS CAN PARTICIPATE IN INCLUSIVE RISK GOVERNANCE JOBST CONRAD SENIOR SCIENTIST SOCIAL SCIENCE RESEARCH CENTER BERLIN GERMANY RENN OFFERS A REMARKABLY FAIR MINDED AND SYSTEMATIC APPROACH TO BRINGING TOGETHER THE DIVERSE FIELDS THAT HAVE SOMETHING TO SAY ABOUT RISK RISK GOVERNANCE MOVES US ALONG THE PATH FROM THE NOISY FORMATIVE STAGE OF THINKING ABOUT RISK TO ONE WITH A STRONGER EMPIRICAL THEORETICAL AND ANALYTICAL FOUNDATION BARUCH FISCHHOFF PHD HOWARD HEINZ UNIVERSITY PROFESSOR CARNEGIE MELLON UNIVERSITY PITTSBURGH USA I CANNOT DESCRIBE HOW IMPRESSED I AM AT THE BREADTH AND COHERENCE OF RENN'S CAREER'S WORK WRITTEN WITH REMARKABLE CLARITY AND MINIMAL TECHNICAL JARGON THIS SHOULD BE REQUIRED READING IN RISK COURSES JOHN GRAHAM FORMER DIRECTOR OF THE HARVARD RISK CENTER AND FORMER DEPUTY DIRECTOR OF THE OFFICE OF BUDGET AND MANAGEMENT OF THE UNITED STATES ADMINISTRATION THIS BOOK FOR THE FIRST TIME BRINGS TOGETHER AND UPDATES THE GROUNDBREAKING WORK OF RENOWNED RISK THEORIST AND RESEARCHER ORTWIN RENN INTEGRATING THE MAJOR DISCIPLINARY CONCEPTS OF RISK IN THE SOCIAL ENGINEERING AND NATURAL SCIENCES THE BOOK OPENS WITH THE CONTEXT OF RISK HANDLING BEFORE FLOWING THROUGH THE CORE TOPICS OF ASSESSMENT EVALUATION PERCEPTION MANAGEMENT AND COMMUNICATION CULMINATING IN A LOOK AT THE TRANSITION FROM RISK MANAGEMENT TO RISK GOVERNANCE AND A GLIMPSE AT A NEW UNDERSTANDING OF RISK IN POST MODERN SOCIETIES

RISK, UNCERTAINTY AND PROFIT

1961

BASED ON 12 YEARS OF RESEARCH WITH MORE THAN 500 TOP LEVEL EXECUTIVES THIS SEMINAL WORK REVEALS HOW AGE EDUCATION INCOME INDUSTRY FIRM SIZE AND OTHER FACTORS AFFECT A MANAGER S WILLINGNESS TO TAKE RISKS

RISK, UNCERTAINTY AND RATIONAL ACTION

2013-11-05

RISK UNCERTAINTY AND PROFIT IS A BOOK ABOUT ECONOMICS AND THE DISTINCTION BETWEEN RISK AND UNCERTAINTY KNIGHT DEFINED UNCERTAIN SITUATIONS AS THOSE IN WHICH THE OUTCOME WAS UNKNOWABLE WHEREAS RISKY SITUATIONS WERE THOSE IN WHICH THE OUTCOME WA

RISK GOVERNANCE

2017-12-04

SETTING OUT TO CHALLENGE VARIOUS COMMON ASSUMPTIONS IN RISK RESEARCH THIS COLLECTION EXPLORES HOW UNCERTAINTY IS HANDLED IN A RANGE OF SOCIAL CONTEXTS ACROSS THE GLOBE SOCIAL SCIENCE RESEARCH OFTEN EMPHASISES THE SALIENCE OF RISK AND UNCERTAINTY FOR GRASPING THE DYNAMICS OF LATE MODERN SOCIETIES WITH THEORETICAL FRAMEWORKS TENDING TO ASSOCIATE THE EMERGENCE OF RISK WITH PARTICULAR FAIRLY HOMOGENOUS EUROPEAN OR NORTH WESTERN PATHS OF MODERNISATION THESE THEORETICAL NARRATIVES CAN BE SEEN AS SHAPING VARIOUS ASSUMPTIONS REGARDING RISK CULTURES NOT LEAST ASSOCIATIONS WITH POST TRADITIONAL LARGELY SECULAR AND LIBERAL CHARACTERISTICS RISK IS THEREFORE ANALYSED IN TERMS OF MODERN ACTIVE RATIONAL CITIZENS MEANWHILE FAITH HOPE OR MAGIC ARE IMPLICITLY RELEGATED TO THE PAST THE ORIENTAL THE PASSIVE AND OR THE IRRATIONAL CENTRAL TO THE BOOK IS THE CONSIDERATION OF RISK ACROSS A RANGE OF DIFFERENT MODERNITIES WHILE THE PRECISE MEANING AND ORGANISATIONAL PROCESSES OF RISK

VARY WE SEE THE COMMON COMBINING OF RISK FAITH MAGIC AND HOPE AS PEOPLE GO FORWARD AMID UNCERTAIN CIRCUMSTANCES WHETHER SEEKING HEALTH AMID ILLNESS SURVIVAL AMID FLOODING OR SAFETY AMID MIGRATION WE EXPLORE THE PERTINENCE OF RISK AROUND THE GLOBE WE ALSO STRESS THE UBIQUITY OF FAITH AND THE MAGICAL IN VARIOUS MODERN SETTINGS THIS BOOK WAS ORIGINALLY PUBLISHED AS A SPECIAL ISSUE OF HEALTH RISK SOCIETY

TAKING RISKS

1986

A RISK ANALYSIS TEXTBOOK WHICH IS INTENDED AS A BASIC TEXT FOR STUDENTS AS WELL AS A REFERENCE FOR PRACTITIONERS AND RESEARCHERS IT PROVIDES A BASIS FOR POLICY ANALYSIS AND DRAWS UPON A VARIETY OF CASE STUDIES

RISK, UNCERTAINTY AND PROFIT (CLASSIC REPRINT)

2016-07-22

THIS WORK HAS BEEN SELECTED BY SCHOLARS AS BEING CULTURALLY IMPORTANT AND IS PART OF THE KNOWLEDGE BASE OF CIVILIZATION AS WE KNOW IT THIS WORK IS IN THE PUBLIC DOMAIN IN THE UNITED STATES OF AMERICA AND POSSIBLY OTHER NATIONS WITHIN THE UNITED STATES YOU MAY FREELY COPY AND DISTRIBUTE THIS WORK AS NO ENTITY INDIVIDUAL OR CORPORATE HAS A COPYRIGHT ON THE BODY OF THE WORK SCHOLARS BELIEVE AND WE CONCUR THAT THIS WORK IS IMPORTANT ENOUGH TO BE PRESERVED REPRODUCED AND MADE GENERALLY AVAILABLE TO THE PUBLIC TO ENSURE A QUALITY READING EXPERIENCE THIS WORK HAS BEEN PROOFREAD AND REPUBLISHED USING A FORMAT THAT SEAMLESSLY BLENDS THE ORIGINAL GRAPHICAL ELEMENTS WITH TEXT IN AN EASY TO READ TYPEFACE WE APPRECIATE YOUR SUPPORT OF THE PRESERVATION PROCESS AND THANK YOU FOR BEING AN IMPORTANT PART OF KEEPING THIS KNOWLEDGE ALIVE AND RELEVANT

THEORIES OF UNCERTAINTY AND RISK ACROSS DIFFERENT MODERNITIES

2018-12-07

TRUST IS AN IMPORTANT FACTOR IN RISK MANAGEMENT AFFECTING JUDGEMENTS OF RISK AND BENEFIT TECHNOLOGY ACCEPTANCE AND OTHER FORMS OF COOPERATION IN THIS BOOK THE WORLD S LEADING RISK RESEARCHERS EXPLORE ALL ASPECTS OF TRUST AS IT RELATES TO RISK MANAGEMENT AND COMMUNICATION DRAWING ON A WIDE VARIETY OF DISCIPLINARY APPROACHES AND EMPIRICAL CASE STUDIES ON TOPICS SUCH AS MOBILE PHONE TECHNOLOGY WELL KNOWN FOOD ACCIDENTS AND CRISES WETLAND MANAGEMENT SMALLPOX VACCINATION COOPERATIVE RISK MANAGEMENT OF US FORESTS AND THE DISPOSAL OF THE BRENT SPAR OIL DRILLING PLATFORM THIS IS THE MOST THOROUGH AND UP TO DATE EXAMINATION OF TRUST IN ALL ITS FORMS AND COMPLEXITIES THE BOOK INTEGRATES DIVERSE RESEARCH TRADITIONS AND PROVIDES NEW INSIGHTS INTO THE PHENOMENON OF TRUST FACTORS THAT LEAD TO THE ESTABLISHMENT AND EROSION OF TRUST ARE IDENTIFIED INSIGHTFUL ANALYSES ARE PROVIDED FOR RESEARCHERS AND STUDENTS OF ENVIRONMENTAL AND SOCIAL SCIENCE AND PROFESSIONALS ENGAGED IN RISK MANAGEMENT AND COMMUNICATION IN BOTH PUBLIC AND PRIVATE SECTORS RELATED TITLES THE TOLERABILITY OF RISK 2007 978 1 84407 398 6

UNCERTAINTY

1990

SINCE I WROTE THE FOREWORD FOR THE SECOND EDITION OF THIS BOOK RISK MANAGEMENT PROCESSES HAVE BECOME MUCH MORE WIDELY USED BUT CONTROVERSY ABOUT WHAT SHOULD BE DONE AND HOW BEST TO DO IT HAS GROWN MANAGING RISK IS A RISKY BUSINESS CHAPMAN AND WARD PROVIDE AN IN DEPTH EXPLANATION OF WHY IT IS IMPORTANT TO UNDERSTAND AND MANAGE UNDERLYING UNCERTAINTY IN ALL ITS FORMS IN ORDER TO REALISE OPPORTUNITIES MORE FULLY AND ENHANCE CORPORATE PERFORMANCE THEY SHOW WHAT BEST PRACTICE SHOULD LOOK LIKE THE IMPLICATIONS GO WELL BEYOND THE CONVENTIONAL WISDOM OF PROJECT RISK MANAGEMENT PROVIDING AN ENLIGHTENING NEW PERSPECTIVE PROFESSOR TONY M RIDLEY IMPERIAL COLLEGE LONDON PAST PRESIDENT INSTITUTION OF CIVIL ENGINEERS CHRIS CHAPMAN AND STEPHEN WARD CONTINUE TO EDUCATE THE PROFESSION WITH THIS MASTERFUL EXPOSITION OF THE DIFFERENCES BETWEEN AND THE POTENTIALS FOR COMBINATIONS OF RISK UNCERTAINTY AND OPPORTUNITY PARTICULARLY WELCOME IS THE WAY THEY

INTEGRATE THIS TRIO INTO THE PROJECT LIFECYCLE THE BEDROCK OF PROJECT MANAGEMENT CONTROL AND ORGANIZATION PETER W G MORRIS HEAD OF SCHOOL AND PROFESSOR OF CONSTRUCTION AND PROJECT MANAGEMENT UNIVERSITY COLLEGE LONDON CHRIS CHAPMAN AND STEPHEN WARD S BOOKS ON PROJECT RISK MANAGEMENT HAVE BEEN AN ESSENTIAL PART OF MY REPERTOIRE FOR TWENTY YEARS AND THEY ARE TOP OF MY RECOMMENDED READING FOR THE COURSES I DO ON THAT SUBJECT IN THIS BOOK THEY HAVE ENHANCED THEIR PREVIOUS WORK TO FOCUS ON UNCERTAINTY MANAGEMENT AND EMPHASISE MORE STRONGLY OPPORTUNITIES FOR IMPROVING PROJECT PERFORMANCE RATHER THAN JUST IDENTIFYING WHAT CAN GO WRONG A STRUCTURED PROCESS IS AN ESSENTIAL PART OF MANAGING PROJECT UNCERTAINTY AND THEIR PROCESS IS ONE OF THE MOST POWERFUL THIS BOOK WILL BE ADDED TO MY REPERTOIRE RODNEY TURNER PROFESSOR OF PROJECT MANAGEMENT SKEMA BUSINESS SCHOOL LILLE A PROFOUNDLY IMPORTANT BOOK WITH HOW TO MANAGE PROJECT OPPORTUNITY AND RISK CHRIS CHAPMAN AND STEPHEN WARD TAKE A GOOD THING AND MAKE IT BETTER MEMBERS OF THE PROJECT MANAGEMENT PROFESSION HAVE BEEN INFLUENCED FOR YEARS BY THEIR INSIGHTS INTO PROJECT RISK MANAGEMENT WITH THIS LATEST INSTALLMENT THE AUTHORS DEMONSTRATE THAT RISK AND UNCERTAINTY NEEDN'T BE DREADED IN FACT THE REVERSE SIDE OF THE RISK COIN HAS ALWAYS BEEN OPPORTUNITY MY SINCERE APPRECIATION TO CHAPMAN AND WARD FOR TURNING THIS PARTICULAR COIN OVER AND SHOWING READERS ACADEMIC AND PRACTITIONER ALIKE THE OPPORTUNITY EMBEDDED IN MANAGING PROJECTS JEFFREY K PINTO ANDREW MORROW AND ELIZABETH LEE BLACK CHAIR IN MANAGEMENT OF TECHNOLOGY SAM AND IRENE BLACK SCHOOL OF BUSINESS PENN STATE ERIE

Risk, Uncertainty and Profit

2018-10-13

RISK UNCERTAINTY AND PROFIT IS A GROUNDBREAKING WORK OF ECONOMIC THEORY DISTINGUISHING BETWEEN RISK WHICH IS BY NATURE MEASURABLE AND QUANTIFIABLE AND UNCERTAINTY WHICH CAN BE NEITHER BE MEASURED NOR QUANTIFIED WE BEGIN WITH AN ANALYSIS OF THE FUNCTIONS OF PROFIT RISK AND UNCERTAINTY IN THE ECONOMY FRANK H KNIGHT INTRODUCES HIS WORK WITH A DISCUSSION ON PROFIT AND HOW THERE ARE CONFLICTS ABOUT ITS NATURE BETWEEN VARIOUS ECONOMIC THEORISTS AS THE TITLE IMPLIES THE AUTHOR'S CHIEF CONCERN IS THE INTERPLAY BETWEEN MAKING A PROFIT INCURRING RISK AND DETERMINING IF THERE IS UNCERTAINTY RISKS ARE DIFFERENT FROM UNCERTAINTY IN THAT THEY CAN BE MEASURED AND PROTECTED AGAINST FOR EXAMPLE A LOCATION CHOSEN FOR A FACTORY OR FARM MAY HAVE A MEASURED RISK OF FLOODING IN A GIVEN YEAR BUSINESSES INSURERS AND INVESTORS ALIKE CAN BE MADE AWARE OF THIS AND BEHAVE ACCORDING TO THE QUANTIFIED RISK

TRUST IN COOPERATIVE RISK MANAGEMENT

2012-05-04

THE SUBJECT OF THIS VOLUME UNCERTAINTIES IN RISK ASSESSMENT AND MANAGEMENT REFLECTS AN IMPORTANT THEME IN HEALTH SAFETY AND ENVIRONMENTAL DECISION MAKING MOST TECHNOLOGICAL HAZARDS ARE CHARACTERIZED BY SUBSTANTIAL UNCERTAINTY RECENT EXAMPLES INCLUDE NUCLEAR WASTE DISPOSAL ACID RAIN ASBESTOS IN SCHOOLS CARCINOGENS IN FOOD AND HAZARDOUS WASTE DEALING WITH SUCH UNCERTAINTY IS ARGUABLY THE MOST DIFFICULT AND CHALLENGING TASK FACING RISK ASSESSORS AND MANAGERS TODAY FOUR PRIMARY SOURCES OF UNCERTAINTY IN RISK ASSESSMENT AND MANAGEMENT CAN BE IDENTIFIED 1 UNCERTAINTIES ABOUT DEFINITIONS 2 UNCERTAINTIES ABOUT SCIENTIFIC FACTS 3 UNCERTAINTIES ABOUT RISK PERCEPTIONS AND ATTITUDES AND 4 UNCERTAINTIES ABOUT VALUES UNCERTAINTIES ABOUT DEFINITIONS DERIVE PRIMARILY FROM DISAGREEMENTS ABOUT THE MEANING AND INTERPRETATION OF KEY CONCEPTS SUCH AS PROBABILITY UNCERTAINTIES ABOUT SCIENTIFIC FACTS DERIVE PRIMARILY FROM DISAGREEMENTS ABOUT FAILURE MODES THE PROBABILITY AND MAGNITUDE OF ADVERSE HEALTH OR ENVIRONMENTAL CONSEQUENCES CAUSE AND EFFECT RELATIONSHIPS DOSE RESPONSE RELATIONSHIPS AND EXPOSURE PATTERNS UNCERTAINTIES ABOUT RISK PERCEPTIONS AND ATTITUDES DERIVE PRIMARILY FROM DISAGREEMENTS ABOUT WHAT CONSTITUTES A SIGNIFICANT OR ACCEPTABLE LEVEL OF RISK UNCERTAINTIES ABOUT VALUES DERIVE PRIMARILY FROM DISAGREEMENTS ABOUT THE DESIRABILITY OR WORTH OF ALTERNATIVE RISK MANAGEMENT ACTIONS OR CONSEQUENCES THE PAPERS IN THIS VOLUME ADDRESS EACH OF THESE SOURCES OF UNCERTAINTY FROM A VARIETY OF PERSPECTIVES REFLECTING THE BROAD SCOPE OF RISK ASSESSMENT AND RISK MANAGEMENT RESEARCH THE PAPERS INCLUDE CONTRIBUTIONS FROM SAFETY ENGINEERS EPIDEMIOLOGISTS TOXICOLOGISTS CHEMISTS BIOSTATISTICIANS BIOLOGISTS DECISION ANALYSTS ECONOMISTS PSYCHOLOGISTS POLITICAL SCIENTISTS SOCIOLOGISTS ETHICISTS AND LAWYERS

How to Manage Project Opportunity and Risk

2011-09-29

RISK UNCERTAINTY AND PROFIT

Risk, Uncertainty, and Profit

2018-08-09

THE COMPILATION OF GROUND BREAKING PAPERS CONTAINED IN THIS COLLECTION OFFERS A COMPLETE DESCRIPTION OF THE EVOLUTION OF KNOWLEDGE IN THE ECONOMICS OF RISK AND TIME FROM ITS EARLY TWENTIETH CENTURY EXPLORATIONS TO ITS CURRENT DIVERSITY OF APPROACHES THE PAPERS FOCUS FIRST ON THE BASIC DECISIONS UNDER UNCERTAINTY AND THEN ON ASSET PRICING THEY COVER BOTH CLASSICAL EXPECTED UTILITY APPROACH AND ITS NON EXPECTED UTILITY GENERALIZATIONS WITH APPLICATIONS TO DYNAMIC PORTFOLIO CHOICES INSURANCE RISK SHARING AND RISK PREVENTION PREFACED BY AN ORIGINAL INTRODUCTION FROM THE EDITOR THIS COLLECTION WILL BE VALUABLE FOR SCHOLARS IN FINANCE AND MACROECONOMICS PARTICULARLY THOSE WITH AN INTEREST IN THE MODELING FOUNDATIONS OF CONSUMER AND INVESTOR DECISIONS UNDER UNCERTAINTY

UNCERTAINTY IN RISK ASSESSMENT, RISK MANAGEMENT, AND DECISION MAKING

2013-03-08

AUTHOR OF THE ACCLAIMED WORK ICEBERG RISK AN ADVENTURE IN PORTFOLIO THEORY KENT OSBAND ARGUES THAT UNCERTAINTY IS CENTRAL RATHER THAN MARGINAL TO FINANCE MARKETS DON T TRADE MAINLY ON CHANGES IN RISK THEY TRADE ON CHANGES IN BELIEFS ABOUT RISK AND IN THE PROCESS MARKETS UNITE STRETCH AND OCCASIONALLY DEFY BELIEFS RECOGNIZING THIS TRUTH WOULD MAKE A WORLD OF DIFFERENCE IN INVESTING BELITTILING UNCERTAINTY HAS CREATED A RIFT BETWEEN FINANCIAL THEORY AND PRACTICE AND WITHIN FINANCE THEORY ITSELF MISGUIDING REGULATION AND STOKING HUGE FINANCIAL IMBALANCES SPARKING A REVOLUTION IN THE MINDSET OF THE INVESTMENT PROFESSIONAL OSBAND RECASTS THE MARKET AS A LEARNING MACHINE RATHER THAN A KNOWLEDGE MACHINE THE MARKET CONTINUALLY ERRS CORRECTS ITSELF AND MAKES NEW ERRORS RESPECTING THAT PROCESS WITHOUT IDOLIZING IT WILL PROMOTE WISER INVESTMENT TRADING AND REGULATION WITH UNCERTAINTY EMBEDDED AT ITS CORE OSBAND S RATIONAL APPROACH POINTS TO A FINANCE THEORY WORTHY OF TWENTY FIRST CENTURY INVESTING

RISK, UNCERTAINTY AND PROFIT

2018-09-26

BOTH RISK AND UNCERTAINTY ARE NEO LIBERAL CONCEPTS WHICH CAN BE VIEWED AS COMPLEMENTARY TECHNIQUES FOR GOVERNING DIVERSE ASPECTS OF LIFE RATHER THAN NATURAL STATES OF THINGS THIS NEW BOOK EXAMINES THE WAY THESE CONSTRUCTS GOVERN THE PRODUCTION OF WEALTH THROUGH UNCERTAIN SPECULATION AND CALCULABLE INVESTMENT FORMULAE THE WAY IN WHICH RISK AND UNCERTAINTY GOVERN THE MINIMISATION OF HARMS THROUGH INSURANCE AND THROUGH THE UNCERTAIN PRACTICES OF REASONABLE FORESIGHT IS DISCUSSED AND O MALLEY LOOKS AT THE WAY THESE SAME TECHNIQUES WERE HISTORICALLY FORGED OUT OF MORAL AND SOCIAL BELIEFS ABOUT HOW TO GOVERN PROPERLY IN ADDITION THE BOOK ANALYZES IS HOW DURING THIS PROCESS IDEAS SUCH AS CONTRACT AND DISTINCTIONS BETWEEN INSURANCE AND GAMBLING WERE INVENTED TO ORDER TO PROPERLY GOVERN THE RISKY AND UNCERTAIN FUTURE

THE ECONOMICS OF RISK AND UNCERTAINTY

2018

RISK UNCERTAINTY AND PROFIT IS A GROUNDBREAKING WORK OF ECONOMIC THEORY DISTINGUISHING BETWEEN RISK WHICH IS BY NATURE MEASURABLE AND QUANTIFIABLE AND UNCERTAINTY WHICH CAN BE NEITHER BE MEASURED NOR QUANTIFIED WE BEGIN WITH AN ANALYSIS OF THE FUNCTIONS OF PROFIT RISK AND UNCERTAINTY IN THE ECONOMY FRANK H KNIGHT INTRODUCES HIS WORK WITH A DISCUSSION ON PROFIT AND HOW THERE ARE CONFLICTS ABOUT ITS NATURE BETWEEN VARIOUS ECONOMIC THEORISTS AS THE TITLE IMPLIES THE AUTHOR S CHIEF CONCERN IS THE INTERPLAY BETWEEN MAKING A PROFIT INCURRING RISK AND DETERMINING IF THERE IS UNCERTAINTY RISKS ARE DIFFERENT FROM UNCERTAINTY IN THAT THEY CAN BE MEASURED AND PROTECTED AGAINST FOR EXAMPLE A LOCATION CHOSEN FOR A FACTORY OR FARM MAY HAVE A MEASURED RISK OF FLOODING IN A GIVEN YEAR BUSINESSES INSURERS AND INVESTORS ALIKE CAN BE MADE AWARE OF THIS AND BEHAVE ACCORDING TO THE QUANTIFIED RISK

RISK AND UNCERTAINTY

1968

A MUST READ FOR ANYONE WHO MAKES BUSINESS DECISIONS THAT HAVE A MAJOR FINANCIAL IMPACT AS THE RECENT COLLAPSE ON WALL STREET SHOWS WE ARE OFTEN ILL EQUIPPED TO DEAL WITH UNCERTAINTY AND RISK YET EVERY DAY WE BASE OUR PERSONAL AND BUSINESS PLANS ON UNCERTAINTIES WHETHER THEY BE NEXT MONTH'S SALES NEXT YEAR'S COSTS OR TOMORROW'S STOCK PRICE IN THE FLAW OF AVERAGES SAM SAVAGE KNOWN FOR HIS CREATIVE EXPOSITION OF DIFFICULT SUBJECTS DESCRIBES COMMON AVOIDABLE MISTAKES IN ASSESSING RISK IN THE FACE OF UNCERTAINTY ALONG THE WAY HE SHOWS WHY PLANS BASED ON AVERAGE ASSUMPTIONS ARE WRONG ON AVERAGE IN AREAS AS DIVERSE AS HEALTHCARE ACCOUNTING THE WAR ON TERROR AND CLIMATE CHANGE IN HIS CHAPTER ON SEX AND THE CENTRAL LIMIT THEOREM HE BRAVELY GRASPS THE LITERARY THIRD RAIL OF GENDER DIFFERENCES INSTEAD OF STATISTICAL JARGON SAVAGE PRESENTS COMPLEX CONCEPTS IN PLAIN ENGLISH IN ADDITION A TIGHTLY INTEGRATED WEB SITE CONTAINS NUMEROUS ANIMATIONS AND SIMULATIONS TO FURTHER CONNECT THE SEAT OF THE READER'S INTELLECT TO THE SEAT OF THEIR PANTS THE FLAW OF AVERAGES TYPICALLY RESULTS WHEN SOMEONE PLUGS A SINGLE NUMBER INTO A SPREADSHEET TO REPRESENT AN UNCERTAIN FUTURE QUANTITY SAVAGE FINISHES THE BOOK WITH A DISCUSSION OF THE EMERGING FIELD OF PROBABILITY MANAGEMENT WHICH CURES THIS PROBLEM THROUGH A NEW TECHNOLOGY THAT CAN PACK THOUSANDS OF NUMBERS INTO A SINGLE SPREADSHEET CELL PRAISE FOR THE FLAW OF AVERAGES STATISTICAL UNCERTAINTIES ARE PERVASIVE IN DECISIONS WE MAKE EVERY DAY IN BUSINESS GOVERNMENT AND OUR PERSONAL LIVES SAM SAVAGE'S LIVELY AND ENGAGING BOOK GIVES ANY INTERESTED READER THE INSIGHT AND THE TOOLS TO DEAL EFFECTIVELY WITH THOSE UNCERTAINTIES I HIGHLY RECOMMEND THE FLAW OF AVERAGES WILLIAM J PERRY FORMER U.S. SECRETARY OF DEFENSE ENTERPRISE ANALYSIS UNDER UNCERTAINTY HAS LONG BEEN AN ACADEMIC IDEAL IN THIS PROFOUND AND ENTERTAINING BOOK PROFESSOR SAVAGE SHOWS HOW TO MAKE ALL THIS PRACTICAL PRACTICABLE AND COMPREHENSIBLE HARRY MARKOWITZ NOBEL LAUREATE IN ECONOMICS

Risk, Uncertainty, and Decision-making in Property Development

1984

MODERN RISK MANAGEMENT AS PRACTICED TODAY FACES SIGNIFICANT OBSTACLES WE ARGUE PRIMARILY DUE TO THE FUNDAMENTAL PREMISE

OF THE CONCEPT ITSELF IT ASSERTS THAT WE ARE MAINLY DEALING WITH MEASURABLE QUANTIFIABLE RISKS AND THAT WE CAN MANAGE THE UNCONTROLLABLE BY RELYING ON FORMAL CONTROL BASED SYSTEMS WHICH HAS PRODUCED A GENERAL VIEW THAT ENTERPRISE RISK MANAGEMENT IS A TECHNICAL SCIENTIFIC DISCIPLINE STRATEGIC RISK LEADERSHIP OFFERS A CRITIQUE OF THE STATUS QUO AND ENCOURAGES LEADERS EXECUTIVES AND CHIEF RISK OFFICERS TO FIND FRESH APPROACHES THAT CAN HELP THEM DEAL MORE PROACTIVELY WITH WHAT THE FUTURE MAY HOLD THE BOOK PROVIDES AN OVERVIEW OF THE HISTORY OF RISK MANAGEMENT AND CURRENT RISK GOVERNANCE APPROACHES AS PRESCRIBED BY LEADING RISK MANAGEMENT STANDARDS SUCH AS COSO AND ISO31000 THIS ENABLES PRACTITIONERS TO CHALLENGE THE FRAMEWORKS AND IMPROVE THEIR ADOPTION IN PRACTICE INTRODUCING SUSTAINABLE RESILIENCE AS A MORE MEANINGFUL RESPONSE TO UNCERTAIN AND UNKNOWABLE CONDITIONS THE BOOK SHOWS HOW TRADITIONAL THINKING DOWNPLAYS THE SIGNIFICANCE OF HUMAN BEHAVIOR AND JUDGMENTAL BIASES AS KEY ELEMENTS OF MAJOR ORGANIZATIONAL EXPOSURES ILLUSTRATED AND EXPLAINED THROUGH NUMEROUS CASE EXAMPLES AND STUDIES THIS BOOK IS ESSENTIAL READING FOR STRATEGIC RISK MANAGERS TO UNDERSTAND THE REQUIREMENTS FOR EFFECTIVE RISK GOVERNANCE PRACTICES IN THE CONTEMPORARY AND RAPIDLY CHANGING GLOBAL RISK LANDSCAPE INDEED IT IS A VALUABLE RESOURCE FOR ALL RISK EXECUTIVES LEADERS AND CHIEF RISK OFFICERS AS WELL AS ADVANCED STUDENTS OF RISK MANAGEMENT

PANDORA'S Risk

2011

VALUABLE INSIGHTS ON THE MAJOR METHODS USED IN TODAY S ASSET AND RISK MANAGEMENT ARENA RISK MANAGEMENT HAS MOVED TO THE FOREFRONT OF ASSET MANAGEMENT SINCE THE CREDIT CRISIS HOWEVER MOST COVERAGE OF THIS SUBJECT IS OVERLY COMPLICATED MISUNDERSTOOD AND EXTREMELY HARD TO APPLY THAT S WHY STEVEN GREINER A FINANCIAL PROFESSIONAL WITH OVER TWENTY YEARS OF QUANTITATIVE AND MODELING EXPERIENCE HAS WRITTEN INVESTMENT RISK AND UNCERTAINTY WITH THIS BOOK HE SKILLFULLY REDUCES THE COMPLEXITY OF RISK MANAGEMENT METHODOLOGIES APPLIED ACROSS MANY ASSET CLASSES THROUGH PRACTICAL EXAMPLES OF WHEN TO USE WHAT ALONG THE WAY GREINER EXPLORES HOW PARTICULAR METHODS CAN LOWER RISK AND MITIGATE LOSSES HE ALSO DISCUSSES HOW TO STRESS TEST YOUR PORTFOLIO AND REMOVE THE EXPOSURE TO REGULAR RISKS AND THOSE FROM BLACK SWAN EVENTS MORE THAN JUST AN EXPLANATION OF SPECIFIC RISK ISSUES THIS RELIABLE RESOURCE PROVIDES PRACTICAL OFF THE SHELF APPLICATIONS THAT WILL ALLOW THE INTELLIGENT INVESTOR TO UNDERSTAND THEIR RISKS THEIR SOURCES AND HOW TO HEDGE THOSE RISKS COVERS MODERN METHODS APPLIED IN RISK MANAGEMENT FOR MANY DIFFERENT ASSET CLASSES DETAILS THE RISK MEASUREMENTS OF TRULY MULTI ASSET CLASS

PORTFOLIOS WHILE BRIDGING THE GAP FOR MANAGERS IN VARIOUS DISCIPLINES FROM EQUITY AND FIXED INCOME INVESTORS TO CURRENCY AND COMMODITY INVESTORS EXAMINES RISK MANAGEMENT ALGORITHMS FOR MULTI ASSET CLASS MANAGERS AS WELL AS RISK MANAGERS ADDRESSING NEW COMPLIANCE ISSUES AND HOW TO MEET THEM THE THEORY OF RISK MANAGEMENT IS HARDLY EVER SPELLED OUT IN PRACTICAL APPLICATIONS THAT PORTFOLIO MANAGERS PENSION FUND ADVISORS AND CONSULTANTS CAN MAKE USE OF THIS BOOK FILLS THAT VOID AND WILL PUT YOU IN A BETTER POSITION TO CONFIDENTLY FACE THE INVESTMENT RISKS AND UNCERTAINTIES FOUND IN TODAY S DYNAMIC MARKETS

Risk, Uncertainty and Government

2012-09-10

IN EVERY DECISION PROBLEM THERE ARE THINGS WE KNOW AND THINGS WE DO NOT KNOW RISK ANALYSIS SCIENCE USES THE BEST AVAILABLE EVIDENCE TO ASSESS WHAT WE KNOW WHILE IT IS CAREFULLY INTENTIONAL IN THE WAY IT ADDRESSES THE IMPORTANCE OF THE THINGS WE DO NOT KNOW IN THE EVALUATION OF DECISION CHOICES AND DECISION OUTCOMES THE FIELD OF RISK ANALYSIS SCIENCE CONTINUES TO EXPAND AND GROW AND THE SECOND EDITION OF PRINCIPLES OF RISK ANALYSIS DECISION MAKING UNDER UNCERTAINTY RESPONDS TO THIS EVOLUTION WITH SEVERAL SIGNIFICANT CHANGES THE LANGUAGE HAS BEEN UPDATED AND EXPANDED THROUGHOUT THE TEXT AND THE BOOK FEATURES SEVERAL NEW AREAS OF EXPANSION INCLUDING FIVE NEW CHAPTERS THE BOOK S SIMPLE AND STRAIGHTFORWARD STYLE BASED ON THE AUTHOR S DECADES OF EXPERIENCE AS A RISK ANALYST TRAINER AND EDUCATOR STRIPS AWAY THE MYSTERIOUS AURA THAT OFTEN ACCOMPANIES RISK ANALYSIS FEATURES DETAILS THE TASKS OF RISK MANAGEMENT RISK ASSESSMENT AND RISK COMMUNICATION IN A STRAIGHTFORWARD CONCEPTUAL MANNER PROVIDES SUFFICIENT DETAIL TO EMPOWER PROFESSIONALS IN ANY DISCIPLINE TO BECOME RISK PRACTITIONERS EXPANDS THE RISK MANAGEMENT EMPHASIS WITH A NEW CHAPTER TO SERVE PRIVATE INDUSTRY AND A GROWING PUBLIC SECTOR INTEREST IN THE GROWING PRACTICE OF ENTERPRISE RISK MANAGEMENT DESCRIBES DOZENS OF QUANTITATIVE AND QUALITATIVE RISK ASSESSMENT TOOLS IN A NEW CHAPTER PRACTICAL GUIDANCE AND IDEAS FOR USING RISK SCIENCE TO IMPROVE DECISIONS AND THEIR OUTCOMES IS FOUND IN A NEW CHAPTER ON DECISION MAKING UNDER UNCERTAINTY PRACTICAL METHODS FOR HELPING RISK PROFESSIONALS TO TELL THEIR RISK STORY ARE THE FOCUS OF A NEW CHAPTER FEATURES AN EXPANDED SET OF EXAMPLES OF THE RISK PROCESS THAT DEMONSTRATE THE GROWING APPLICATIONS OF RISK ANALYSIS AS BEFORE THIS BOOK CONTINUES TO APPEAL TO PROFESSIONALS WHO WANT TO LEARN AND APPLY RISK SCIENCE IN THEIR OWN PROFESSIONS AS WELL AS STUDENTS PREPARING FOR PROFESSIONAL CAREERS THIS BOOK REMAINS A DISCIPLINE FREE GUIDE TO THE PRINCIPLES OF RISK ANALYSIS THAT IS ACCESSIBLE TO ALL INTERESTED PRACTITIONERS FILES USED IN

THE CREATION OF THIS BOOK AND ADDITIONAL EXERCISES AS WELL AS A FREE STUDENT VERSION OF PALISADE CORPORATION'S DECISION TOOLS SUITE SOFTWARE ARE AVAILABLE WITH THE PURCHASE OF THIS BOOK. A LESS DETAILED INTRODUCTION TO THE RISK ANALYSIS SCIENCE TASKS OF RISK MANAGEMENT, RISK ASSESSMENT, AND RISK COMMUNICATION IS FOUND IN PRIMER OF RISK ANALYSIS: DECISION MAKING UNDER UNCERTAINTY, SECOND EDITION, ISBN 978 1 138 31228 9.

Risk, Uncertainty, and Profit

2018-08-09

THIS TEXT IS THE FIRST MAJOR SURVEY OF RISK ANALYSIS FROM THE PERSPECTIVE OF THE AGRICULTURAL FIRMS SINCE AGRICULTURAL DECISION ANALYSIS BY ANDERSON, DILLON, AND HARDAKER, PUBLISHED IN 1977. IN ADDITION TO UPDATING THE TRADITIONAL MATERIAL FROM THAT TEXT, THIS BOOK INCLUDES THE STATISTICAL FOUNDATIONS OF DECISION MAKING UNDER RISK AND UNCERTAINTY, ADDING TO THE MATERIAL COVERED IN ANDERSON, DILLON, AND HARDAKER. THE TEXT INCLUDES MATERIAL ON DYNAMIC DECISION RULES, THE ARBITRAGE PRICING MODEL, REAL OPTIONS THEORY, AND STATE-CONTINGENT PRODUCTION RELATIONSHIPS. RISK, UNCERTAINTY, AND THE AGRICULTURAL FIRM PROVIDES A UNIQUE DISCUSSION OF EACH APPLICATION, DEVELOPING THE THEORETICAL BASIS FOR EACH MODEL AND PRESENTING AN EMPIRICAL ROADMAP OR THE NUTS AND BOLTS OF EACH MODEL TO FACILITATE THE EMPIRICAL APPLICATION OF EACH TECHNIQUE.

The Flaw of Averages

2012-03-26

IN EVERY DECISION CONTEXT, THERE ARE THINGS WE KNOW AND THINGS WE DO NOT KNOW. RISK ANALYSIS USES SCIENCE AND THE BEST AVAILABLE EVIDENCE TO ASSESS WHAT WE KNOW, AND IT IS INTENTIONAL IN THE WAY IT ADDRESSES THE IMPORTANCE OF THE THINGS WE DON'T KNOW. PRIMER ON RISK ANALYSIS: DECISION MAKING UNDER UNCERTAINTY LAYS OUT THE TASKS OF RISK ANALYSIS IN A

STRATEGIC RISK LEADERSHIP

2020-02-24

BRINGS THE READER INTO CONTACT WITH THE ACCOMPLISHED PROGRESS IN INDIVIDUAL DECISION MAKING THROUGH THE CONTRIBUTIONS TO UNCERTAINTY MODELING AND BEHAVIORAL DECISION MAKING THIS WORK ALSO INTRODUCES THE READER TO THE SUBTLE ISSUES TO BE RESOLVED FOR RATIONAL CHOICE UNDER UNCERTAINTY

INVESTMENT RISK AND UNCERTAINTY

2013-03-14

FOUNDATIONS OF RISK ANALYSIS PRESENTS THE ISSUES CORE TO RISK ANALYSIS UNDERSTANDING WHAT RISK MEANS EXPRESSING RISK BUILDING RISK MODELS ADDRESSING UNCERTAINTY AND APPLYING PROBABILITY MODELS TO REAL PROBLEMS THE AUTHOR PROVIDES THE READERS WITH THE KNOWLEDGE AND BASIC THINKING THEY REQUIRE TO SUCCESSFULLY MANAGE RISK AND UNCERTAINTY TO SUPPORT DECISION MAKING THIS UPDATED EDITION REFLECTS RECENT DEVELOPMENTS ON RISK AND UNCERTAINTY CONCEPTS REPRESENTATIONS AND TREATMENT NEW MATERIAL IN FOUNDATIONS OF RISK ANALYSIS INCLUDES AN UP TO DATE PRESENTATION OF HOW TO UNDERSTAND DEFINE AND DESCRIBE RISK BASED ON RESEARCH CARRIED OUT IN RECENT YEARS A NEW DEFINITION OF THE CONCEPT OF VULNERABILITY CONSISTENT WITH THE UNDERSTANDING OF RISK REFLECTIONS ON THE NEED FOR SEEING BEYOND PROBABILITIES TO MEASURE DESCRIBE UNCERTAINTIES A PRESENTATION AND DISCUSSION OF A METHOD FOR ASSESSING THE IMPORTANCE OF ASSUMPTIONS UNCERTAINTY FACTORS IN THE BACKGROUND KNOWLEDGE THAT THE SUBJECTIVE PROBABILITIES ARE BASED ON A BRIEF INTRODUCTION TO APPROACHES THAT PRODUCE INTERVAL IMPRECISE PROBABILITIES INSTEAD OF EXACT PROBABILITIES IN ADDITION THE NEW VERSION PROVIDES A NUMBER OF OTHER IMPROVEMENTS FOR EXAMPLE CONCERNING THE USE OF COST BENEFIT ANALYSES AND THE AS LOW AS REASONABLY PRACTICABLE ALARP PRINCIPLE FOUNDATIONS OF RISK ANALYSIS PROVIDES A FRAMEWORK FOR UNDERSTANDING CONDUCTING AND USING RISK ANALYSIS SUITABLE FOR ADVANCED UNDERGRADUATES GRADUATES ANALYSTS AND RESEARCHERS FROM STATISTICS ENGINEERING FINANCE MEDICINE AND THE PHYSICAL SCIENCES AS WELL AS FOR MANAGERS FACING DECISION MAKING PROBLEMS INVOLVING RISK AND UNCERTAINTY

PRINCIPLES OF RISK ANALYSIS

2019-01-30

PROVIDES UNDERGRADUATES IN SURVEYING AND PROPERTY PROFESSIONALS WITH A CLEAR PRACTICAL EXPLANATION OF THE VARIOUS MANAGEMENT TECHNIQUES TO IMPROVE THEIR PROPERTY DEVELOPMENT DECISIONS

RISK, UNCERTAINTY AND THE AGRICULTURAL FIRM

2010

THE 1980S AND 1990S HAVE BEEN A PERIOD OF EXCITING NEW DEVELOPMENTS IN THE MODELLING OF DECISION MAKING UNDER RISK AND UNCERTAINTY EXTENSIONS OF THE THEORY OF EXPECTED UTILITY AND ALTERNATIVE THEORIES OF NON EXPECTED UTILITY HAVE BEEN DEvised TO EXPLAIN MANY PUZZLES AND PARADOXES OF INDIVIDUAL AND COLLECTIVE CHOICE BEHAVIOUR THIS VOLUME PRESENTS SOME OF THE BEST RECENT WORK ON THE MODELLING OF RISK AND UNCERTAINTY WITH APPLICATIONS TO PROBLEMS IN ENVIRONMENTAL POLICY PUBLIC HEALTH ECONOMICS AND FINANCE EIGHTEEN PAPERS BY DISTINGUISHED ECONOMISTS MANAGEMENT SCIENTISTS AND STATISTICIANS SHED NEW LIGHT ON PHENOMENA SUCH AS THE ALLAIS AND ST PETERSBURG PARADOXES THE EQUITY PREMIUM PUZZLE THE DEMAND FOR INSURANCE THE VALUATION OF PUBLIC HEALTH AND SAFETY AND ENVIRONMENTAL GOODS AUDIENCE THIS WORK WILL BE OF INTEREST TO ECONOMISTS MANAGEMENT SCIENTISTS RISK AND POLICY ANALYSTS AND OTHERS WHO STUDY RISKY DECISION MAKING IN ECONOMIC AND ENVIRONMENTAL CONTEXTS

PRIMER ON RISK ANALYSIS

2016-04-19

THIS DOCUMENT PROVIDES AN OVERVIEW OF SOURCES OF UNCERTAINTY IN PROBABILISTIC RISK ANALYSIS FOR EACH PHASE OF THE RISK ANALYSIS PROCESS SYSTEM MODELING HAZARD IDENTIFICATION ESTIMATION OF THE PROBABILITY AND CONSEQUENCES OF ACCIDENT SEQUENCES RISK EVALUATION THE AUTHORS DESCRIBE AND CLASSIFY THE TYPES OF UNCERTAINTY THAT CAN ARISE THE DOCUMENT PROVIDES

A DESCRIPTION OF THE RISK ASSESSMENT PROCESS AS USED IN HAZARDOUS INDUSTRIES SUCH AS NUCLEAR POWER AND OFFSHORE OIL AND GAS EXTRACTION A CLASSIFICATION OF SOURCES OF UNCERTAINTY BOTH EPISTEMIC AND ALEATORY AND A DESCRIPTION OF TECHNIQUES FOR UNCERTAINTY REPRESENTATION A DESCRIPTION OF THE DIFFERENT STEPS INVOLVED IN A PROBABILISTIC RISK ASSESSEMENT PRA OR QUANTITATIVE RISK ASSESSMENT QRA AND AN ANALYSIS OF THE TYPES OF UNCERTAINTY THAT CAN AFFECT EACH OF THESE STEPS ANNEXES GIVING AN OVERVIEW OF A NUMBER OF TOOLS USED DURING PROBABILISTIC RISK ASSESSMENT INCLUDING THE HAZID TECHNIQUE FAULT TREES AND EVENT TREE ANALYSIS

ADVANCES IN DECISION MAKING UNDER RISK AND UNCERTAINTY

2008-09-17

WRITTEN BY LEADING EXPERTS IN THE FIELD SOCIAL THEORIES OF RISK AND UNCERTAINTY IS AN INTRODUCTION TO MAINSTREAM THEORIZING ON RISK AND UNCERTAINTY IN SOCIOLOGY PROVIDES AN OVERVIEW OF THE HISTORICAL DEVELOPMENTS AND CONCEPTUAL ASPECTS OF RISK IDENTIFIES WHY THEORIZING ON RISK IS NECESSARY AND HIGHLIGHTS SPECIFIC SOCIOLOGICAL CONTRIBUTIONS TO THIS FIELD OF RESEARCH EXPLORES KEY TOPICS INCLUDING RISK SOCIETY AND REFLEXIVE MODERNIZATION CULTURE AND RISK GOVERNMENTALITY AND RISK SYSTEMS THEORY AND RISK AND EDGEWORK AND VOLUNTARY RISK TAKING OFFERS A COMPREHENSIVE LOOK AT THE PROMISES PITFALLS AND PERSPECTIVES OF RISK THEORIZING

RISK AND UNCERTAINTY

1968

THIS EDITED VOLUME LOOKS AT WHETHER IT IS POSSIBLE TO BE MORE TRANSPARENT ABOUT UNCERTAINTY IN SCIENTIFIC EVIDENCE WITHOUT UNDERMINING PUBLIC UNDERSTANDING AND TRUST WITH CONTRIBUTIONS FROM LEADING EXPERTS IN THE FIELD THIS BOOK EXPLORES THE COMMUNICATION OF RISK AND DECISION MAKING IN AN INCREASINGLY POST TRUTH WORLD DRAWING ON CASE STUDIES FROM CLIMATE CHANGE TO GENETIC TESTING THE AUTHORS ARGUE FOR BETTER QUALITY EVIDENCE SYNTHESIS TO CUT THROUGH THE NOISE AND HIGHLIGHT THE NEED FOR MORE STRUCTURED PUBLIC DIALOGUE FOR UNCERTAINTY IN SCIENTIFIC EVIDENCE TO BE COMMUNICATED EFFECTIVELY THEY CONCLUDE

THAT TRUSTWORTHINESS IS VITAL THE DATA AND METHODS UNDERLYING STATISTICS MUST BE TRANSPARENT VALID AND SOUND AND THE NUMBERS NEED TO DEMONSTRATE PRACTICAL UTILITY AND ADD SOCIAL VALUE TO PEOPLE S LIVES PRESENTING A CONCEPTUAL FRAMEWORK TO HELP NAVIGATE THE READER THROUGH THE KEY SOCIAL AND SCIENTIFIC CHALLENGES OF A POST TRUTH ERA THIS BOOK WILL BE OF GREAT RELEVANCE TO STUDENTS SCHOLARS AND POLICY MAKERS WITH AN INTEREST IN RISK ANALYSIS AND COMMUNICATION

FOUNDATIONS OF RISK ANALYSIS

2012-04-09

THIS BOOK HELPS THE ORGANIZATION S TOP LEADER GATHER THE INFORMATION NEEDED TO IDENTIFY OPPORTUNITIES AND THREATS AND DECIDE ON THE APPROPRIATE RISK RESPONSE IN THIS UNCERTAIN WORLD RISK IS THE EFFECT OF UNCERTAINTY ON THE ABILITY OF AN ORGANIZATION TO MEET ITS STRATEGIC OBJECTIVES THE EFFECTS OF UNCERTAINTY ARE EXPRESSED AS OPPORTUNITIES AND THREATS YET MOST PEOPLE ASSOCIATE RISK WITH HAZARDS AND LOSSES I E PURE RISK UNLIKE PURE RISK UNCERTAINTY RISK IS NOT INSURABLE BECAUSE OF ITS UPSIDE RISK OPPORTUNITIES RISK MANAGEMENT IS A KEY ELEMENT OF THE OPEN SOURCED HIGH LEVEL STRUCTURE DEVELOPED BY THE INTERNATIONAL ORGANIZATION FOR STANDARDIZATION THIS STRUCTURE FOR MANAGING IMPORTANT ORGANIZATIONAL PROGRAMS HAS BEEN ADOPTED BY OVER 180 COUNTRY STANDARD SETTING ORGANIZATIONS THIS BOOK HELPS THE ORGANIZATION S TOP LEADER GATHER THE INFORMATION NEEDED TO IDENTIFY OPPORTUNITIES AND THREATS AND DECIDE ON THE APPROPRIATE RISK RESPONSE IN THIS UNCERTAIN WORLD THE TWO MOST WIDELY USED RISK MANAGEMENT STANDARDS ARE PRESENTED TO DEMONSTRATE THAT AN ORGANIZATION CAN USE EITHER ONE OR A COMBINATION OF THE TWO STANDARDS TO HELP MANAGE THE EFFECTS OF UNCERTAINTY ON THEIR ORGANIZATION IT S FOOL WORTHY TO ATTEMPT TO RUN AN ORGANIZATION WITHOUT FORMAL UNCERTAINTY RISK MANAGEMENT LET THIS BOOK HELP YOU FIND YOUR COMPANY S WAY IN AN UNCERTAIN WORLD

RISK, UNCERTAINTY AND DECISION-MAKING IN PROPERTY

2002-11-01

POLICY MAKING HAS ALWAYS INVOLVED UNCERTAINTY HOWEVER THE PRESENCE OF UNKNOWNNS HAS BECOME FAR MORE CONSPICUOUS AND

PROBLEMATIC IN RECENT TIMES ONE IMPORTANT WAY IN WHICH POLICY MAKERS HAVE INCREASINGLY SOUGHT TO DEAL WITH SUCH UNCERTAINTY IS THROUGH APPROACHES ROOTED IN UNDERSTANDINGS OF RISK THIS BOOK COMPRISES A RATHER DIVERSE COLLECTION OF SIX CHAPTERS ALONGSIDE ONE MORE EXPLICITLY THEORETICAL INTRODUCTION EACH TAKING UP A DISTINCT PERSPECTIVE IN SCRUTINISING THE RELATIONSHIP BETWEEN POLICY RISK AND UNCERTAINTY IMPORTANT CONCERNS ADDRESSED WITHIN THESE DIFFERENT STUDIES INCLUDE HOW RISK GOVERNANCE POLICIES ARE SHAPED BY RISK AWARENESS OR A LACK THEREOF AND THE MEDIATING ROLE OF TRUST THE FRAMING OF POLICY THROUGH AN EMPHASIS ON PARTICULAR RISKS AND THE CORRESPONDING IMPACT ON SOCIETAL BELIEFS DISCOURSES AND INSTITUTIONAL POWER THE ORGANISATIONAL PROCESSES WHICH LEAD TO SOME RISKS BEING TACKLED WHILE OTHERS ARE NEGLECTED AND PROCESSES OF DE POLITICISING UNCERTAINTY AT THE INTERFACE BETWEEN SCIENTISTS AND POLICY MAKERS CONTRIBUTORS EXPLORE TRANS NATIONAL INSTITUTIONS NATIONAL BODIES AND LOCAL GOVERNMENT WITHIN DIVERSE GEOGRAPHICAL CONTEXTS INCLUDING CHINA BRAZIL THE BALTIC SEA AUSTRALIA THE UK AND EUROPE THIS BOOK WAS ORIGINALLY PUBLISHED AS A SPECIAL ISSUE OF THE JOURNAL OF RISK RESEARCH

ECONOMIC AND ENVIRONMENTAL RISK AND UNCERTAINTY

2013-04-17

UNCERTAINTY CHARACTERIZATION IN RISK ANALYSIS FOR DECISION-MAKING PRACTICE

2012-05-01

SOCIAL THEORIES OF RISK AND UNCERTAINTY

2009-01-22

RISK AND UNCERTAINTY IN A POST-TRUTH SOCIETY

2019

HOW NEW RISK MANAGEMENT HELPS LEADERS MASTER UNCERTAINTY

2019-07-03

RISK, UNCERTAINTY AND POLICY

2017-10-02

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