

Handbook Of Biophilic City Planning Design

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LANDSCAPE ARCHITECTURE AND ENVIRONMENTAL SUSTAINABILITY JOSHUA ZEUNERT 2017-01-12 WINNER OF THE AUSTRALIAN INSTITUTE OF LANDSCAPE ARCHITECTS (AILA) NATIONAL EXCELLENCE AWARD (RESEARCH AND COMMUNICATION) 2017 WINNER OF THE AILA VIC EXCELLENCE AWARD (RESEARCH AND COMMUNICATION) 2017 LANDSCAPE ARCHITECTURE HAS A PIVOTAL ROLE IN ENSURING ENVIRONMENTAL SUSTAINABILITY THROUGH DESIGN INTERVENTIONS. THIS BOOK TAKES A BROAD LOOK AT STRATEGIES AND COMPLETED PROJECTS TO PROVIDE THE READER WITH A STRONG UNDERSTANDING OF THE SUSTAINABILITY CHALLENGES BEING FACED BY DESIGNERS TODAY, AND POTENTIAL ROUTES TO ADDRESSING THEM. THE BOOK COVERS ESSENTIAL CONCEPTS OF LANDSCAPE ARCHITECTURE AND ENVIRONMENTAL SUSTAINABILITY, INCLUDING: - ECOLOGY, MULTIFUNCTIONAL LANDSCAPES AND SENSITIVE INTERVENTION - REMEDIATION, CLEANSING AND ENVIRONMENTAL INFRASTRUCTURE - SOCIAL SUSTAINABILITY, DESIGN ACTIVISM AND HEALTHY LANDSCAPES - FOOD SYSTEMS, PRODUCTIVE LANDSCAPES AND TRANSPORTATION - PERFORMANCE RATINGS, MATERIALS AND LIFE CYCLES THROUGH CASE STUDIES FROM AROUND THE WORLD AND INTERVIEWS WITH LEADING LANDSCAPE ARCHITECTS AND PRACTITIONERS, THIS BOOK INVITES DISCUSSION ABOUT POSSIBLE FUTURE SCENARIOS, RELEVANT THEORIES AND PROJECT RESPONSES IN LANDSCAPE ENVIRONMENTAL DESIGN. WITH HUNDREDS OF COLOR IMAGES THROUGHOUT THE BOOK, AND ADDITIONAL STUDY MATERIAL IN THE COMPANION WEBSITE, JOSHUA ZEUNERT PROVIDES AN OVERVIEW OF THE MULTIDIMENSIONAL QUALITIES OF LANDSCAPE SUSTAINABILITY.

DREAM PLAY BUILD JAMES ROJAS 2022-02 THE ROOM IS DIM, THE CHAIRS ARE IN PERFECTLY LINED ROWS. THE CITY PLANNER PUTS UP A COLOR-CODED DIAGRAM OF THE STREET IMPROVEMENT PROJECT, DREADING THE INEVITABLE ANGRY RESPONSES. JANA LOVES HER COMMUNITY AND IS GLAD TO BE ABLE TO ATTEND THE EVENING MEETING, AND SHE HAS A LOT OF IDEAS FOR COMMUNITY CHANGE. BUT SHE HAS A HARD TIME HEARING, AND CAN'T SEE THE DIAGRAMS CLEARLY. SHE LEAVES EARLY. IT'S TIME TO IMAGINE A DIFFERENT TYPE OF COMMUNITY ENGAGEMENT - ONE THAT INSPIRES CONNECTION, CREATIVITY, AND FUN. PEOPLE LOVE THEIR COMMUNITIES AND WANT THEM TO BECOME SAFER, HEALTHIER, MORE PROSPEROUS PLACES. BUT THE STANDARD APPROACH TO PUBLIC MEETINGS SOMEHOW MAKES EVERYONE MISERABLE. CONVERSATIONS THAT SHOULD BE INSPIRING CAN BECOME SHOUTING MATCHES. SO WHAT WOULD IT LOOK LIKE TO FACILITATE TRULY MEANINGFUL DISCUSSIONS BETWEEN CITIZENS AND PLANNERS? WHAT IF THEY COULD BE FUN? FOR TWENTY YEARS, JAMES ROJAS AND JOHN KAMP HAVE BEEN LOOKING TO ART, CREATIVE EXPRESSION, AND STORYTELLING TO SHAKE UP THE CLASSIC COMMUNITY MEETING. IN DREAM PLAY BUILD, THEY SHARE THEIR INSIGHTS INTO BUILDING COMMON GROUND AND INVITING ACTIVE PARTICIPATION AMONG DIVERSE GROUPS. THEIR APPROACH, "PLACE IT!," DRAWS ON THREE METHODS: THE INTERACTIVE MODEL-BUILDING WORKSHOP, THE POP-UP, AND SITE EXPLORATION USING OUR SENSES. USING OUR HANDS TO BUILD AND CREATE IS CENTRAL TO WHAT MAKES US HUMAN, HELPING SPARK IDEAS WITHOUT RELYING ON WORDS TO COMMUNICATE. DECEPTIVELY PLAYFUL, THIS METHOD IS REMARKABLY EFFECTIVE AT TEASING OUT COMMUNITY DREAMS AND DESIRES FROM HANDS-ON ACTIVITIES. DREAM PLAY BUILD OFFERS WISDOM DISTILLED FROM WORKSHOPS HELD AROUND THE WORLD, AND A DEEP DIVE INTO THE TRANSFORMATIONAL APPROACH AND RESULTS FROM THE SOUTH COLTON COMMUNITY IN SOUTHERN CALIFORNIA. WHILE MUCH OF THE PROCESS WAS DEVELOPED THROUGH IN-PERSON MEETINGS, THE BOOK ALSO TRANSLATES THE EXPERIENCE TO ONLINE ENGAGEMENT--HOW TO MAKE PEOPLE REMEMBER THEIR CONNECTIONS BEYOND THE COMPUTER SCREEN. INSPIRATIONAL AND FUN, DREAM PLAY BUILD CELEBRATES THE VALUE OF ENGAGING WITH THE DREAMS WE HAVE FOR OUR COMMUNITIES. READERS WILL FIND THEMSELVES WEAVING THESE ARTFUL, PLAYFUL LESSONS AND METHODS INTO THEIR OWN EFFORTS FOR MAKING CHANGE WITHIN THE LANDSCAPE AROUND THEM.

GREEN CITIES OF EUROPE TIMOTHY BEATLEY 2012-05-15 IN THE ABSENCE OF FEDERAL LEADERSHIP, STATES AND LOCALITIES ARE STEPPING FORWARD TO ADDRESS CRITICAL PROBLEMS LIKE CLIMATE CHANGE, URBAN SPRAWL, AND POLLUTED WATER AND AIR. MAKING A CITY FUNDAMENTALLY SUSTAINABLE IS A DAUNTING TASK, BUT FORTUNATELY, THERE ARE DYNAMIC, INNOVATIVE MODELS OUTSIDE U.S. BORDERS. GREEN CITIES OF EUROPE DRAWS ON THE WORLD'S BEST EXAMPLES OF SUSTAINABILITY TO SHOW HOW

OTHER CITIES CAN BECOME GREENER AND MORE LIVABLE. TIMOTHY BEATLEY HAS BROUGHT TOGETHER LEADING EXPERTS FROM PARIS, FREIBURG, COPENHAGEN, HELSINKI, HEIDELBERG, VENICE, VITORIA-GASTEIZ, AND LONDON TO ILLUSTRATE GROUNDBREAKING PRACTICES IN SUSTAINABLE URBAN PLANNING AND DESIGN. THESE CITIES ARE DEVELOPING STRONG URBAN CORES, BUILDING PEDESTRIAN AND BICYCLE INFRASTRUCTURE, AND IMPROVING PUBLIC TRANSIT. THEY ARE INCORPORATING ECOLOGICAL DESIGN AND PLANNING CONCEPTS, FROM SOLAR ENERGY TO NATURAL DRAINAGE AND COMMUNITY GARDENS. AND THEY ARE CHANGING THE WAY GOVERNMENT WORKS, INSTITUTING MUNICIPAL "GREEN AUDITS" AND REFORMING ECONOMIC INCENTIVES TO ENCOURAGE SUSTAINABILITY. WHATEVER THEIR SPECIFIC TACTICS, THESE COMMUNITIES PROVE THAT A HOLISTIC APPROACH IS NEEDED TO SOLVE ENVIRONMENTAL PROBLEMS AND MAKE CITIES SUSTAINABLE. BEATLEY AND THESE ESTEEMED CONTRIBUTORS OFFER VITAL LESSONS TO THE DOMESTIC PLANNING COMMUNITY ABOUT NOT ONLY WHAT EUROPEAN CITIES ARE DOING TO ACHIEVE THAT VISION, BUT PRECISELY HOW THEY ARE DOING IT. THE RESULT IS AN INDISPENSABLE GUIDE TO GREENING AMERICAN CITIES. CONTRIBUTORS INCLUDE: LUCIE LAURIAN (PARIS) DALE MEDEARIS AND WULF DASEKING (FREIBURG) MICHAELA BRØ EL (COPENHAGEN) MARIA JAAKOLA (HELSINKI) MARTA MORETTI (VENICE) LUIS ANDRÉS ORIVE AND REBECA DIOS LEMA (VITORIA-GASTEIZ) CAMILLA WEEN (LONDON)

LESSONS FROM THE LAWN PETER WALDMAN 2019-01-15 THIS PROJECT DEMONSTRATES THE UTILITY OF HEURISTIC THINKING SERVING AS AN INTRODUCTION TO THE CENTRAL CORE OF THE BOOK: THE PRIMER OF SPATIAL AND MATERIAL ELEMENTS, WHICH GUIDES INDIVIDUALS AND GROUPS TO ANALYZE, ENGAGE, AND INITIATE THE CONSTRUCTED ENVIRONMENT. IT PROVIDES A BROAD OVERVIEW TO THE ANALYTICAL METHOD WALDMAN HAS DEVELOPED OVER HALF A CENTURY OF TEACHING AND PRACTICE, FRAMING ITS RELEVANCE OF ARCHITECTURE AT THE SCALES OF BOTH THE GARDEN AND THE CITY AND THE IMPORTANCE OF UNDERSTANDING "BUILDING" AS A VERB. WALDMAN REFLECTS HERE ON HOW HIS LESSONS ARE ALL AROUND US, FIRST CHANTED AS NURSERY RHYMES, THEN SYNTHETIC CAROLS, IF NOT COMPLEX CHORA, TO REVEAL THE UTILITY OF ORIENTATION AND THE PROFOUND EFFECTS OF GRAVITY. FINALLY, THIS BOOK LANDS READERS ON THE LAWN IN AN ESSAY ON THE CONTEMPORARY RELEVANCE OF CHARLOTTESVILLE'S LANDSCAPES OF AGGRESSION OF 8/11/2017 AND RESILIENCE FOUNDED ON THE ESCHATOLOGICAL CATALYST OF FALLOW GROUND. JEFFERSON KEPT JOURNALS ALL HIS LIFE AT MONTICELLO AND LATER AT POPLAR FOREST OF BOTH NATURAL CONDITIONS AND HUMAN CONSEQUENCES AND MADE PLANS ACCORDINGLY OF BUILDING UP AND TEARING DOWN TO MAKE A COVENANT WITH THE WORLD, AGAIN.

SITE PLANNING AND DESIGN HANDBOOK, SECOND EDITION THOMAS RUSS 2009-07-06 ESSENTIAL SITE PLANNING AND DESIGN STRATEGIES, UP-TO-DATE WITH THE LATEST SUSTAINABLE DEVELOPMENT TECHNIQUES DISCOVER HOW TO INCORPORATE SOUND ENVIRONMENTAL CONSIDERATIONS INTO TRADITIONAL SITE DESIGN PROCESSES. WRITTEN BY A LICENSED LANDSCAPE ARCHITECT WITH MORE THAN 20 YEARS OF PROFESSIONAL EXPERIENCE, THIS AUTHORITATIVE GUIDE COMBINES ESTABLISHED APPROACHES TO SITE PLANNING WITH SUSTAINABLE PRACTICES AND INCREASED ENVIRONMENTAL SENSITIVITY. FULLY REVISED AND UPDATED, **SITE PLANNING AND DESIGN HANDBOOK, SECOND EDITION** DISCUSSES THE LATEST STANDARDS AND PROTOCOLS-INCLUDING LEED. THE BOOK FEATURES EXPANDED COVERAGE OF GREEN SITE DESIGN TOPICS SUCH AS WATER CONSERVATION, ENERGY EFFICIENCY, GREEN BUILDING MATERIALS, SITE INFRASTRUCTURE, AND BROWNFIELD RESTORATION. THIS COMPREHENSIVE RESOURCE ADDRESSES THE CHALLENGES ASSOCIATED WITH SITE PLANNING AND DESIGN AND LAYS THE GROUNDWORK FOR SUCCESS. **SITE PLANNING AND DESIGN HANDBOOK, SECOND EDITION** EXPLAINS HOW TO: INTEGRATE SUSTAINABILITY INTO SITE DESIGN GATHER SITE DATA AND PERFORM SITE ANALYSIS MEET COMMUNITY STANDARDS AND EXPECTATIONS PLAN FOR PEDESTRIANS, TRAFFIC, PARKING, AND OPEN SPACE USE GRADING TECHNIQUES TO MINIMIZE EROSION AND MAXIMIZE SITE STABILITY IMPLEMENT LOW-IMPACT STORMWATER MANAGEMENT AND SEWAGE DISPOSAL METHODS MANAGE BROWNFIELD REDEVELOPMENT APPLY LANDSCAPE ECOLOGY PRINCIPLES TO SITE DESIGN PRESERVE HISTORIC LANDSCAPES AND EFFECTIVELY UTILIZE VEGETATION

THE ROUTLEDGE COMPANION TO ECOLOGICAL DESIGN THINKING MITRA KANAANI 2023 "THIS COMPANION INVESTIGATES THE WAYS IN WHICH DESIGNERS, ARCHITECTS, AND PLANNERS ADDRESS ECOLOGY THROUGH THE BUILT ENVIRONMENT BY INTEGRATING ECOLOGICAL IDEAS AND ECOLOGICAL THINKING INTO DISCUSSIONS OF URBANISM, SOCIETY, CULTURE, AND DESIGN. EXPLORING THE INNOVATION OF MATERIALS, HABITATS, LANDSCAPES, AND INFRASTRUCTURES, IT FURTHERS NOVEL ECOTOPIAN IDEAS AND WAYS OF LIVING, INCLUDING HUMAN-MADE SETTINGS ON WATER, IN OUTER SPACE, AND IN EXTREME ENVIRONMENTS AND CLIMATIC CONDITIONS. CHAPTERS OF THIS EXTENSIVE COLLECTION ON ECOTOPIAN DESIGN ARE GROUPED UNDER FIVE DIFFERENT ECOLOGICAL PERSPECTIVES: DESIGN MANIFESTOS AND ECOLOGICAL THEORIES, ANTHROPOCENTRIC TRANSFORMATIVE DESIGN CONCEPTS, DESIGN CONNECTIVITY, CLIMATIC DESIGN, AND SOCIAL DESIGN. CONTRIBUTORS PROVIDE PLAUSIBLE, SUSTAINABLE DESIGN IDEAS THAT PROMOTE RESILIENCY, HEALTH, AND WELL-BEING FOR ALL LIVING THINGS, WHILE TAKING OUR CHANGING LIFESTYLES INTO CONSIDERATION. THIS VOLUME ENCOURAGES CREATIVE THINKING IN THE FACE OF ONGOING ENVIRONMENTAL DAMAGE, WITH A VIEW TO MAKING DESIGN DECISIONS IN THE INTEREST OF THE PLANET AND ITS INHABITANTS. WITH CONTRIBUTIONS FROM OVER 79 EXPERT PRACTITIONERS, EDUCATORS, SCIENTISTS, RESEARCHERS AND THEORETICIANS, AS WELL AS PLANNERS, ARCHITECTS, AND ENGINEERS FROM THE U.S., CANADA, EUROPE, AND ASIA, THIS BOOK ENGAGES THEORY, HISTORY, TECHNOLOGY, ENGINEERING, AND SCIENCE, AS WELL AS THE HUMAN

THE BIRD-FRIENDLY CITY TIMOTHY BEATLEY 2020-11-05 HOW DOES A BIRD EXPERIENCE A CITY? A BACKYARD? A PARK? AS THE WORLD HAS BECOME MORE URBAN, NOISIER FROM INCREASED TRAFFIC, AND BRIGHTER FROM STREETLIGHTS AND OFFICE BUILDINGS, IT HAS ALSO BECOME MORE DANGEROUS FOR COUNTLESS SPECIES OF BIRDS. WARBLERS BECOME DISORIENTED BY NIGHTTIME LIGHTS AND COLLIDE WITH BUILDINGS. GROUND-FEEDING SPARROWS FALL PREY TO FERAL CATS. HAWKS AND OTHER BIRDS-OF-PREY ARE SICKENED BY RAT POISON. THESE NAME JUST A FEW OF THE MYRIAD HAZARDS. HOW DO OUR CITIES NEED TO CHANGE IN ORDER TO REDUCE THE THREATS, OFTEN CREATED UNINTENTIONALLY, THAT HAVE RESULTED IN NEARLY THREE BILLION BIRDS LOST IN NORTH AMERICA ALONE SINCE THE 1970s? IN *THE BIRD-FRIENDLY CITY*, TIMOTHY BEATLEY, A LONGTIME ADVOCATE FOR INTERTWINING THE BUILT AND NATURAL ENVIRONMENTS, TAKES READERS ON A GLOBAL TOUR OF CITIES THAT ARE REINVENTING THE STATUS QUO WITH BIRDS IN MIND. EFFORTS SPAN A FASCINATING BREADTH OF APPROACHES: PUBLIC EDUCATION, URBAN PLANNING AND DESIGN, HABITAT RESTORATION, ARCHITECTURE, ART, CIVIL DISOBEDIENCE, AND MORE. BEATLEY SHARES EMPOWERING EXAMPLES, INCLUDING: ADVOCATES FOR "CATIOS," ENCLOSED OUTDOOR SPACES THAT ALLOW CATS TO ENJOY BACKYARDS WITHOUT BEING ABLE TO CATCH BIRDS; A PUBLIC RELATIONS CAMPAIGN FOR VULTURES; AND INNOVATIONS IN BUILDING DESIGN THAT BALANCE AESTHETICS WITH PREVENTING BIRD STRIKES. THROUGH THESE CHANGES AND THE OTHERS BEATLEY DESCRIBES, IT IS POSSIBLE TO MAKE OUR URBAN ENVIRONMENTS MORE WELCOMING TO MANY BIRD SPECIES. READERS WILL COME AWAY MOTIVATED TO IMPLEMENT AND ADVOCATE FOR BIRD-FRIENDLY CHANGES, WITH INSPIRING EXAMPLES TO DRAW FROM. WHETHER BIRDS ARE MIGRATING AND NEED A TEMPORARY SHELTER OR ARE TAKING UP PERMANENT RESIDENCE IN A BACKYARD, WHEN THE ENVIRONMENT IS SAFER FOR BIRDS, HUMANS ARE HAPPIER AS WELL.

BIRTHRIGHT STEPHEN R. KELLERT 2012-11-13 HUMAN HEALTH AND WELL-BEING ARE INEXTRICABLY LINKED TO NATURE; OUR CONNECTION TO THE NATURAL WORLD IS PART OF OUR BIOLOGICAL INHERITANCE. IN THIS ENGAGING BOOK, A PIONEER IN THE FIELD OF BIOPHILIA—THE STUDY OF HUMAN BEINGS' INHERENT AFFINITY FOR NATURE—SETS FORTH THE FIRST FULL ACCOUNT OF NATURE'S POWERFUL INFLUENCE ON THE QUALITY OF OUR LIVES. STEPHEN KELLERT ASSERTS THAT OUR CAPACITIES TO THINK, FEEL, COMMUNICATE, CREATE, AND FIND MEANING IN LIFE ALL DEPEND UPON OUR RELATIONSHIP TO NATURE. AND YET OUR INCREASING DISCONNECTION AND ALIENATION FROM THE NATURAL WORLD REFLECT HOW SERIOUSLY WE HAVE UNDERVALUED ITS IMPORTANT ROLE IN OUR LIVES. WEAVING SCIENTIFIC FINDINGS TOGETHER WITH PERSONAL EXPERIENCES AND PERSPECTIVES, KELLERT EXPLORES SPECIFIC HUMAN TENDENCIES—INCLUDING AFFECTION, AVERSION, INTELLECT, CONTROL, AESTHETICS, EXPLOITATION, SPIRITUALITY, AND COMMUNICATION—TO DISCOVER HOW THEY ARE INFLUENCED BY OUR RELATIONSHIP WITH NATURE. HE OBSERVES THAT A BENEFICIAL RELATIONSHIP WITH THE NATURAL WORLD IS AN INSTINCTUAL INCLINATION, BUT MUST BE EARNED. HE DISCUSSES HOW WE CAN RESTORE THE BALANCE IN OUR RELATIONSHIP BY MEANS OF CHANGES IN CHILDHOOD DEVELOPMENT, EDUCATION, CONSERVATION, BUILDING DESIGN, ETHICS, AND EVERYDAY LIFE. KELLERT'S MOVING BOOK PROVIDES EXACTLY WHAT IS NEEDED NOW: A FRESH UNDERSTANDING OF HOW MUCH OUR ESSENTIAL HUMANITY RELIES ON BEING A PART OF THE NATURAL WORLD.

NATURE INSIDE WILLIAM D. BROWNING 2020-09-01 WRITTEN BY A LEADING PROPONENT OF BIOPHILIC DESIGN, THIS IS THE ONLY PRACTICAL GUIDE TO BIOPHILIC DESIGN PRINCIPLES FOR INTERIOR DESIGNERS. DESCRIBING THE KEY BENEFITS, PRINCIPLES AND PROCESSES OF BIOPHILIC DESIGN, *NATURE INSIDE* ILLUSTRATES THE IMPLEMENTATION OF BIOPHILIC DESIGN IN INTERIOR DESIGN PRACTICE, ACROSS A RANGE OF INTERNATIONAL CASE STUDIES – AT DIFFERENT SCALES, AND DIFFERENT TYPOLOGIES. STARTING WITH THE PRINCIPLES OF BIOPHILIC DESIGN, AND THE PRINCIPLES AND PROCESSES IN PRACTICE, THE BOOK THEN SHOWCASES A VARIETY OF INTERIOR SPACES – RESIDENTIAL, RETAIL, WORKPLACE, HOSPITALITY, EDUCATION, HEALTHCARE AND MANUFACTURING. THE FINAL CHAPTER LOOKS 'OUTSIDE THE WALLS', GIVING A CASE STUDY AT THE CAMPUS AND CITY SCALE. WITH PRACTICAL GUIDANCE AND REAL-WORLD SOLUTIONS THAT CAN BE DIRECTLY-APPLIED IN DAY-TO-DAY PRACTICE, THIS IS A MUST-HAVE FOR DESIGNERS INTERESTED IN APPLYING BIOPHILIC PRINCIPLES.

ECOLOGIES DESIGN MAIBRITT PEDERSEN ZARI 2020-07-07 THE NOTION OF ECOLOGY HAS BECOME CENTRAL TO CONTEMPORARY DESIGN DISCOURSE. THIS REFLECTS CONTEMPORARY CONCERNS FOR OUR PLANET AND A NEW UNDERSTANDING OF THE PRIMARY ENTANGLEMENT OF THE HUMAN SPECIES WITH THE REST OF THE WORLD. THE USE OF THE TERM 'ECOLOGY' WITH DESIGN TENDS TO REFER TO HOW TO INTEGRATE ECOLOGIES INTO DESIGN AND CITIES AND BE UNDERSTOOD IN A BIOLOGICALLY-SCIENTIFIC AND TECHNICAL SENSE. IN PRACTICE, THIS SCIENTIFIC-TECHNICAL KNOWLEDGE TENDS TO BE ONLY LOOSELY EMPLOYED. THE NOTION OF ECOLOGY IS ALSO OFTEN USED METAPHORICALLY IN RELATION TO THE SOCIAL USE OF SPACE AND CITIES. THIS BOOK ARGUES THAT WHAT IT CALLS THE 'BIOLOGICAL' AND 'SOCIAL' SENSES OF ECOLOGY ARE BOTH IMPORTANT AND REQUIRE DISTINCTLY DIFFERENT TYPES OF KNOWLEDGE AND PRACTICE. IT PROPOSES THAT SCIENCE NEEDS TO BE TAKEN MUCH MORE SERIOUSLY IN 'BIOLOGICAL ECOLOGIES', AND THAT 'SOCIAL ECOLOGIES' CAN NOW BE UNDERSTOOD NON-METAPHORICALLY AS ASSEMBLAGES. FURTHERMORE, THIS BOOK ARGUES THAT DESIGN PRACTICE ITSELF CAN BE UNDERSTOOD MUCH MORE RIGOROUSLY, PRODUCTIVELY AND RELEVANTLY IF UNDERSTOOD ECOLOGICALLY. THE PLURAL TERM 'ECOLOGIES DESIGN' REFERS TO THESE THREE TYPES OF ECOLOGICAL DESIGN. THIS

BOOK IS UNIQUE IN BRINGING THESE THREE PERSPECTIVES ON ECOLOGICAL DESIGN TOGETHER IN ONE PLACE. IT IS SIGNIFICANT IN PROPOSING THAT A STRONG SENSE OF ECOLOGIES DESIGN PRACTICE WILL ONLY FOLLOW FROM THE INTERCONNECTION OF THESE THREE TYPES OF PRACTICE. ECOLOGIES DESIGN BRINGS TOGETHER LEADING INTERNATIONAL EXPERTS AND RELEVANT CASE STUDIES IN THE FORM OF EDITED RESEARCH ESSAYS, CASE STUDIES AND PROJECT WORK. IT PROVIDES AN OVERARCHING CRITIQUE OF CURRENT ECOLOGICALLY-ORIENTED APPROACHES AND OFFERS EVIDENCE AND EXPLORATION OF EMERGING AND EFFECTIVE METHODS, TECHNIQUES AND CONCEPTS. IT WILL BE OF GREAT INTEREST TO ACADEMICS, PROFESSIONALS AND STUDENTS IN THE BUILT ENVIRONMENT DISCIPLINES.

BIOPHILIC URBANISM PHILLIP JAMES TABB 2020-12-20 BIOPHILIC URBANISM PROVIDES READERS WITH THE TOOLS TO CREATE MORE NATURE-BASED URBAN ENVIRONMENTS THAT ARE CLIMATE POSITIVE, SUSTAINABLE, AND HEALTHY. THE PRINCIPLES OF BIOPHILIA ARE INTENDED TO SUPPORT APPRECIATION AND DIRECT ENGAGEMENT WITH NATURE, TO RESPONSIBLY UTILIZE ON-SITE NATURAL RESOURCES, AND TO PLAN ACCORDING TO CLIMATIC CONDITIONS AND LOCAL ECOLOGICAL PROCESSES. IT SEEKS TO CREATE RESILIENT AND EQUITABLE HUMAN PLACES CAPABLE OF PROVIDING CRITICAL LIFE-SUPPORT FUNCTIONS AND A STRONG SENSE OF COMMUNITY, AND TO FOSTER EXPERIENCES THAT RAISE THE HUMAN SPIRIT CREATING A SENSE OF AWE. TWENTY-FIVE PATTERN ATTRIBUTES ARE DEFINED AND EXPLORED, EACH OF WHICH CONTRIBUTES TO THESE GOALS. BECAUSE OF THE DIRE NECESSITY TO RESPOND TO THE COVID-19 PANDEMIC, BIOPHILIC URBANISM INCLUDES DISCUSSION OF OUR NEED FOR CONNECTIONS, BOTH TO NATURE AND ONE ANOTHER, AND THE PHYSICAL CHARACTERISTICS OF CITIES AND BUILDINGS RELATIVE TO THE CONTAGIOUS QUALITIES OF THE AIR-BORNE VIRUS. CASE STUDIES, FOUND THROUGHOUT THE WORLD, ARE PRESENTED ILLUSTRATING DETAILED BIOPHILIC PLANNING AND DESIGN STRATEGIES. THE BOOK WILL BE OF USE TO PRACTITIONERS AND STUDENTS IN THE FIELDS OF NATURAL AND SOCIAL SCIENCES, BEHAVIORAL SCIENCE AND PSYCHOLOGY, ENVIRONMENTAL ENGINEERING, HEALTH AND WELLNESS PROFESSIONALS, ARCHITECTURE, LANDSCAPE ARCHITECTURE, INTERIOR ARCHITECTURE, AND PLANNING.

RESILIENCE FOR ALL BARBARA BROWN WILSON 2018-05-24 IN THE UNITED STATES, PEOPLE OF COLOR ARE DISPROPORTIONALLY MORE LIKELY TO LIVE IN ENVIRONMENTS WITH POOR AIR QUALITY, IN CLOSE PROXIMITY TO TOXIC WASTE, AND IN LOCATIONS MORE VULNERABLE TO CLIMATE CHANGE AND EXTREME WEATHER EVENTS. IN MANY VULNERABLE NEIGHBORHOODS, STRUCTURAL RACISM AND CLASSISM PREVENT RESIDENTS FROM HAVING A SEAT AT THE TABLE WHEN DECISIONS ARE MADE ABOUT THEIR COMMUNITY. IN AN EFFORT TO OVERCOME POWER IMBALANCES AND ENSURE LOCAL KNOWLEDGE INFORMS DECISION-MAKING, A NEW APPROACH TO COMMUNITY ENGAGEMENT IS ESSENTIAL. IN *RESILIENCE FOR ALL*, BARBARA BROWN WILSON LOOKS AT LESS CONVENTIONAL, BUT OFTEN MORE EFFECTIVE METHODS TO MAKE COMMUNITIES MORE RESILIENT. SHE TAKES AN IN-DEPTH LOOK AT WHAT EQUITABLE, POSITIVE CHANGE THROUGH COMMUNITY-DRIVEN DESIGN LOOKS LIKE IN FOUR COMMUNITIES—EAST BILOXI, MISSISSIPPI; THE LOWER EAST SIDE OF MANHATTAN; THE DENBY NEIGHBORHOOD IN DETROIT, MICHIGAN; AND THE CULLY NEIGHBORHOOD IN PORTLAND, OREGON. THESE VULNERABLE COMMUNITIES HAVE PREVAILED IN SPITE OF SERIOUS URBAN STRESSORS SUCH AS CLIMATE CHANGE, GENTRIFICATION, AND DISINVESTMENT. WILSON LOOKS AT HOW THE LESSONS IN THE CASE STUDIES AND OTHER EXAMPLES MIGHT MORE BROADLY INFORM FUTURE PRACTICE. SHE SHOWS HOW COMMUNITY-DRIVEN DESIGN PROJECTS IN UNDERSERVED NEIGHBORHOODS CAN NOT ONLY CHANGE THE BUILT WORLD, BUT ALSO PROVIDE OPPORTUNITIES FOR RESIDENTS TO BUILD THEIR OWN CAPACITIES.

HANDBOOK OF BIOPHILIC CITY PLANNING & DESIGN TIMOTHY BEATLEY 2016 "THIS PUBLICATION OFFERS PRACTICAL ADVICE AND INSPIRATION FOR ENSURING THAT NATURE IN THE CITY IS MORE THAN INFRASTRUCTURE--THAT IT ALSO PROMOTES WELL-BEING AND CREATES AN EMOTIONAL CONNECTION TO THE EARTH AMONG URBAN RESIDENTS. DIVIDED INTO SIX PARTS, THE HANDBOOK BEGINS BY INTRODUCING KEY IDEAS, LITERATURE, AND THEORY ABOUT BIOPHILIC URBANISM. CHAPTERS HIGHLIGHT URBAN BIOPHILIC INNOVATIONS IN MORE THAN A DOZEN GLOBAL CITIES. THE FINAL PART CONCLUDES WITH LESSONS ON HOW TO ADVANCE AN AGENDA FOR URBAN BIOPHILIA AND AN EXTENSIVE LIST OF RESOURCES."--PUBLISHER.

A HANDBOOK OF THEORIES ON DESIGNING ALIGNMENT BETWEEN PEOPLE AND THE OFFICE ENVIRONMENT RIANNE APPEL-MEULENBROEK 2021-06-16 ALTHOUGH WORKPLACE DESIGN AND MANAGEMENT ARE GAINING MORE AND MORE ATTENTION FROM MODERN ORGANIZATIONS, WORKPLACE RESEARCH IS STILL VERY FRAGMENTED AND SPREAD ACROSS MULTIPLE DISCIPLINES IN ACADEMIA. THERE ARE SEVERAL BOOKS ON THE MARKET RELATED TO WORKPLACES, FACILITY MANAGEMENT (FM), AND CORPORATE REAL ESTATE MANAGEMENT (CREM) DISCIPLINES, BUT FEW OPEN UP A THEORETICAL AND PRACTICAL DISCUSSION ACROSS MULTIPLE THEORIES FROM DIFFERENT FIELDS OF STUDIES. THEREFORE, WORKPLACE RESEARCHERS ARE NOT AWARE OF ALL THE ANGLES FROM WHICH WORKPLACE MANAGEMENT AND EFFECTS OF WORKPLACE DESIGN ON EMPLOYEES HAS BEEN OR COULD BE STUDIED. A LOT OF KNOWLEDGE IS LOST BETWEEN DISCIPLINES, AND SADLY, MANY INSIGHTS DO NOT REACH WORKPLACE MANAGERS IN PRACTICE. THEREFORE, THIS NEW BOOK SERIES IS STARTED BY ASSOCIATE PROFESSOR RIANNE APPEL-MEULENBROEK (EINDHOVEN UNIVERSITY OF TECHNOLOGY, THE NETHERLANDS) AND POSTDOC RESEARCHER VITALIJA DANIVSKA (AALTO UNIVERSITY, FINLAND) AS EDITORS, PUBLISHED BY ROUTLEDGE. IT IS TITLED 'TRANSDISCIPLINARY WORKPLACE RESEARCH AND MANAGEMENT' BECAUSE IT BUNDLES

IMPORTANT RESEARCH INSIGHTS FROM DIFFERENT DISCIPLINARY FIELDS AND SHOWS ITS RELEVANCE FOR BOTH ACADEMIC WORKPLACE RESEARCH AND WORKPLACE MANAGEMENT IN PRACTICE. THE BOOKS WILL ADDRESS THE COMPLEXITY OF THE TRANSDISCIPLINARY ANGLE NECESSARY TO SOLVE ONGOING WORKPLACE-RELATED ISSUES IN PRACTICE, SUCH AS KNOWLEDGE WORKER PRODUCTIVITY, OFFICE USE, AND MORE STRATEGIC WORKPLACE MANAGEMENT. IN ADDITION, THE EDITORS WORK TOWARDS FURTHER COLLABORATION AND INTEGRATION OF THE NECESSARY DISCIPLINES FOR FURTHER DEVELOPMENT OF THE WORKPLACE FIELD IN RESEARCH AND IN PRACTICE. THIS BOOK SERIES IS RELEVANT FOR WORKPLACE EXPERTS BOTH IN ACADEMIA AND INDUSTRY. THIS FIRST BOOK IN THE SERIES FOCUSES ON THE EMPLOYEE AS A USER OF THE WORK ENVIRONMENT. THE 21 THEORIES DISCUSSED AND APPLIED TO WORKPLACE DESIGN IN THIS BOOK ADDRESS PEOPLE'S ABILITY TO DO THEIR JOB AND THRIVE IN RELATION TO THE OFFICE WORKPLACE. SOME FOCUS MORE ON EXPLAINING WHY PEOPLE BEHAVE THE WAY THEY DO (THE PSYCHOSOCIAL ENVIRONMENT), WHILE OTHERS TAKE THE PHYSICAL AND/OR DIGITAL WORKPLACE QUALITY AS A STARTING POINT TO EXPLAIN EMPLOYEE OUTCOMES SUCH AS HEALTH, SATISFACTION, AND PERFORMANCE. THEY ALL EXPLAIN DIFFERENT ASPECTS FOR ACHIEVING EMPLOYEE-WORKPLACE ALIGNMENT (EWA) AND THEREBY ENSURING EMPLOYEE THRIVING. THE FINAL CHAPTER DESCRIBES A FIRST STEP TOWARDS INTEGRATING THESE THEORIES INTO AN OVERALL INTERDISCIPLINARY FRAMEWORK FOR EVENTUALLY DEVELOPING A GRAND EWA THEORY. THE OPEN ACCESS VERSION OF THIS BOOK, AVAILABLE AT [HTTP://WWW.TAYLORFRANCIS.COM/BOOKS/E/9781003128830](http://www.taylorfrancis.com/books/e/9781003128830), HAS BEEN MADE AVAILABLE UNDER A CREATIVE COMMONS ATTRIBUTION-NON COMMERCIAL-NO DERIVATIVES 4.0 LICENSE.

THE NEW LANDSCAPE DECLARATION LANDSCAPE ARCHITECTURE FOUNDATION 2017 ON THE EVE OF ITS 50TH ANNIVERSARY, THE LANDSCAPE ARCHITECTURE FOUNDATION ASKED A DIVERSE GROUP OF THE WORLD'S LEADING LANDSCAPE ARCHITECTS TO REFLECT ON THE LAST HALF-CENTURY AND PRESENT BOLD IDEAS FOR WHAT THE DISCIPLINE SHOULD ACHIEVE IN THE FUTURE. WELL BEYOND THE PUBLIC CONCEPTION OF THE PROFESSION AS "GARDENER" OR "PARK DESIGNER," THESE LANDSCAPE ARCHITECTS DISCUSSED THEIR ROLE IN ADDRESSING WEIGHTY ISSUES LIKE CLIMATE CHANGE, URBANIZATION, MANAGEMENT OF VITAL RESOURCES LIKE WATER, AND GLOBAL INEQUITIES. THE NEW LANDSCAPE DECLARATION BRINGS TOGETHER THEIR IDEAS AND EXPERIENCES IN ESSAYS FROM THIRTY-THREE PREEMINENT THINKERS, INCLUDING: JAMES CORNER, DESIGNER OF THE HIGH LINE IN NEW YORK CITY RANDY HESTER, FOUNDER OF THE MODERN PARTICIPATORY DESIGN MOVEMENT IN LANDSCAPE ARCHITECTURE KATE ORFF, RESEARCHER, INNOVATOR, AND DESIGN ACTIVIST MARTHA SCHWARTZ, ACCLAIMED LANDSCAPE ARCHITECT AND ARTIST TURNED ACTIVIST CARL STEINITZ, GEODESIGN PIONEER RICHARD WELLER, PROLIFIC DESIGN RESEARCHER AND AUTHOR KONGJIAN YU, CELEBRATED DESIGNER, DEAN, AND AUTHOR FROM THE PEOPLE'S REPUBLIC OF CHINA THE NEW LANDSCAPE DECLARATION ASSERTS THE VITAL ROLE OF LANDSCAPE ARCHITECTURE IN SOLVING THE DEFINING ISSUES OF OUR TIME. RELEVANT TO DESIGNERS ACROSS THE GLOBE, THE IDEAS CROSS DISCIPLINARY BOUNDARIES AND CHALLENGE CURRENT SILOS OF THOUGHT AND PRACTICE, UNDERSCORING THE NEED TO DIVERSIFY, INNOVATE, AND CREATE A BOLD CULTURE OF LEADERSHIP, ADVOCACY, AND ACTIVISM.

SUSTAINABLE CITIES KIMBERLY ETINGOFF 2017-03-16 THIS TITLE INCLUDES A NUMBER OF OPEN ACCESS CHAPTERS. TWO TRENDS COME TOGETHER IN THE WORLD'S CITIES TO MAKE URBAN SUSTAINABILITY A CRITICAL ISSUE TODAY. FIRST, GREATER AND GREATER NUMBERS OF PEOPLE ARE LIVING IN URBAN AREAS—AND ARE PROJECTED TO DO SO FOR THE FORESEEABLE FUTURE. ADDITIONALLY, CITIES CONTRIBUTE TO CLIMATE CHANGE IN A SIGNIFICANT WAY AND MUST MAKE SYSTEMIC CHANGES TO MITIGATE AND ADAPT TO CLIMATE CHANGE EFFECTS. URBAN PLANNERS FACE SERIOUS CHALLENGES IN ENHANCING SUSTAINABILITY BUT ALSO HAVE AN IMPORTANT SET OF TOOLS AVAILABLE FOR CREATING INNOVATIVE SOLUTIONS. THIS BOOK ADDS TO THE CONVERSATION ABOUT THE PLACE OF URBAN PLANNING IN THE CREATION AND MAINTENANCE OF SUSTAINABLE CITIES.

SUSTAINABLE SURFACE WATER MANAGEMENT SUSANNE M. CHARLESWORTH 2016-09-13 SUSTAINABLE SURFACE WATER MANAGEMENT: A HANDBOOK FOR SUDS ADDRESSES ISSUES AS DIVERSE AS FLOODING, WATER QUALITY, AMENITY AND BIODIVERSITY BUT ALSO MITIGATION OF, AND ADAPTATION TO, GLOBAL CLIMATE CHANGE, HUMAN HEALTH BENEFITS AND REDUCTION IN ENERGY USE. CHAPTERS ARE INCLUDED TO COVER ISSUES FROM AROUND THE WORLD, BUT THEY ALSO ADDRESS PARTICULAR DESIGNS ASSOCIATED WITH THE IMPLEMENTATION OF SUDS IN TROPICAL AREAS, PROBLEMS WITH RETROFITTING SUDS DEVICES, SUDS MODELLING, WATER HARVESTING IN DROUGHT-STRICKEN COUNTRIES USING SUDS AND THE INCLUSION OF SUDS IN THE CLIMATE CHANGE STRATEGIES OF SUCH CITIES AS TOKYO, NEW YORK AND STRASBOURG.

DESIGN FOR GOOD JOHN CARY 2017-10-03 THE BOOK REVEALS A NEW UNDERSTANDING OF THE WAYS THAT DESIGN SHAPES OUR LIVES AND GIVES PROFESSIONALS AND INTERESTED CITIZENS THE TOOLS TO SEEK OUT AND DEMAND DESIGNS THAT DIGNIFY.

BIOPHILIC DESIGN STEPHEN R. KELLERT 2011-09-26 "WHEN NATURE INSPIRES OUR ARCHITECTURE-NOT JUST HOW IT LOOKS BUT HOW BUILDINGS AND COMMUNITIES ACTUALLY FUNCTION-WE WILL HAVE MADE GREAT STRIDES AS A SOCIETY. BIOPHILIC DESIGN PROVIDES US WITH TREMENDOUS INSIGHT INTO THE 'WHY,' THEN BUILDS US A ROAD MAP FOR WHAT IS SURE TO BE THE NEXT GREAT DESIGN JOURNEY OF OUR TIMES." -RICK FEDRIZZI, PRESIDENT, CEO AND FOUNDING CHAIRMAN, U.S. GREEN BUILDING COUNCIL "HAVING

SEEN FIRSTHAND IN MY COMPANY THE POWER OF BIOMIMICRY TO STIMULATE A WELLSPRING OF PROFITABLE INNOVATION, I CAN SAY UNEQUIVOCALLY THAT BIOPHILIC DESIGN IS THE REAL DEAL. KELLERT, HEERWAGEN, AND MADOR HAVE COMPILED THE WISDOM OF WORLD-RENOWNED EXPERTS TO PRODUCE THIS EXQUISITE BOOK; IT IS MUST READING FOR SCIENTISTS, PHILOSOPHERS, ENGINEERS, ARCHITECTS AND DESIGNERS, AND MOST ESPECIALLY BUSINESSPEOPLE. ANYONE LOOKING FOR THE KEY TO A NEW TYPE OF PROSPERITY THAT RESPECTS THE EARTH SHOULD START HERE." -RAY C. ANDERSON, FOUNDER AND CHAIR, INTERFACE, INC. THE GROUNDBREAKING GUIDE TO THE EMERGING PRACTICE OF BIOPHILIC DESIGN THIS BOOK OFFERS A PARADIGM SHIFT IN HOW WE DESIGN AND BUILD OUR BUILDINGS AND OUR COMMUNITIES, ONE THAT RECOGNIZES THAT THE POSITIVE EXPERIENCE OF NATURAL SYSTEMS AND PROCESSES IN OUR BUILDINGS AND CONSTRUCTED LANDSCAPES IS CRITICAL TO HUMAN HEALTH, PERFORMANCE, AND WELL-BEING. BIOPHILIC DESIGN IS ABOUT HUMANITY'S PLACE IN NATURE AND THE NATURAL WORLD'S PLACE IN HUMAN SOCIETY, WHERE MUTUALITY, RESPECT, AND ENRICHING RELATIONSHIPS CAN AND SHOULD EXIST AT ALL LEVELS AND SHOULD EMERGE AS THE NORM RATHER THAN THE EXCEPTION. WRITTEN FOR ARCHITECTS, LANDSCAPE ARCHITECTS, PLANNERS, DEVELOPERS, ENVIRONMENTAL DESIGNERS, AS WELL AS BUILDING OWNERS, BIOPHILIC DESIGN: THE THEORY, SCIENCE, AND PRACTICE OF BRINGING BUILDINGS TO LIFE IS A GUIDE TO THE THEORY, SCIENCE, AND PRACTICE OF BIOPHILIC DESIGN. TWENTY-THREE ORIGINAL AND TIMELY ESSAYS BY WORLD-RENOWNED SCIENTISTS, DESIGNERS, AND PRACTITIONERS, INCLUDING EDWARD O. WILSON, HOWARD FRUMKIN, DAVID ORR, GRANT HILDEBRAND, STEPHEN KIERAN, TIM BEATLEY, JONATHAN ROSE, JANINE BENYUS, ROGER ULRICH, BERT GREGORY, ROBERT BERKEBILE, WILLIAM BROWNING, AND VIVIAN LOFTNESS, AMONG OTHERS, ADDRESS: * THE BASIC CONCEPTS OF BIOPHILIA, ITS EXPRESSION IN THE BUILT ENVIRONMENT, AND HOW BIOPHILIC DESIGN CONNECTS TO HUMAN BIOLOGY, EVOLUTION, AND DEVELOPMENT. * THE SCIENCE AND BENEFITS OF BIOPHILIC DESIGN ON HUMAN HEALTH, CHILDHOOD DEVELOPMENT, HEALTHCARE, AND MORE. * THE PRACTICE OF BIOPHILIC DESIGN—HOW TO IMPLEMENT BIOPHILIC DESIGN STRATEGIES TO CREATE BUILDINGS THAT CONNECT PEOPLE WITH NATURE AND PROVIDE COMFORTABLE AND PRODUCTIVE PLACES FOR PEOPLE, IN WHICH THEY CAN LIVE, WORK, AND STUDY. BIOPHILIC DESIGN AT ANY SCALE—FROM BUILDINGS TO CITIES—BEGINS WITH A FEW SIMPLE QUESTIONS: HOW DOES THE BUILT ENVIRONMENT AFFECT THE NATURAL ENVIRONMENT? HOW WILL NATURE AFFECT HUMAN EXPERIENCE AND ASPIRATION? MOST OF ALL, HOW CAN WE ACHIEVE SUSTAINED AND RECIPROCAL BENEFITS BETWEEN THE TWO? THIS PRESIDENTIAL, GROUNDBREAKING BOOK PROVIDES THE ANSWERS.

WHAT MAKES A GREAT CITY ALEXANDER GARVIN 2016-09-08 ONE OF PLANETIZEN'S TOP PLANNING BOOKS FOR 2017 - SAN FRANCISCO CHRONICLE'S 2016 HOLIDAY BOOKS GIFT GUIDE PICK WHAT MAKES A GREAT CITY? CITY PLANNER AND ARCHITECT ALEXANDER GARVIN SET OUT TO ANSWER THIS QUESTION BY OBSERVING CITIES, LARGELY IN NORTH AMERICA AND EUROPE, WITH SPECIAL ATTENTION TO PARIS, LONDON, NEW YORK, AND VIENNA. FOR GARVIN, GREATNESS IS ABOUT WHAT PEOPLE WHO SHAPE CITIES CAN DO TO MAKE A CITY GREAT. A GREAT CITY IS A DYNAMIC, CONSTANTLY CHANGING PLACE THAT RESIDENTS AND THEIR LEADERS CAN RESHAPE TO SATISFY THEIR DEMANDS. MOST IMPORTANTLY, IT IS ABOUT THE INTERPLAY BETWEEN PEOPLE AND PUBLIC REALM, AND HOW THEY HAVE INTERACTED THROUGHOUT HISTORY TO CREATE GREAT CITIES. WHAT MAKES A GREAT CITY WILL HELP READERS UNDERSTAND THAT ANY CITY CAN BE CHANGED FOR THE BETTER AND INSPIRE ENTREPRENEURS, PUBLIC OFFICIALS, AND CITY RESIDENTS TO DO IT THEMSELVES.

DESIGN AS DEMOCRACY DAVID DE LA PEÑA 2017-12-07 HOW CAN WE DESIGN PLACES THAT FULFILL URGENT NEEDS OF THE COMMUNITY, ACHIEVE ENVIRONMENTAL JUSTICE, AND INSPIRE LONG-TERM STEWARDSHIP? BY BRINGING COMMUNITY MEMBERS TO THE TABLE WITH DESIGNERS TO COLLECTIVELY CREATE VIBRANT, IMPORTANT PLACES IN CITIES AND NEIGHBORHOODS. FOR DECADES, PARTICIPATORY DESIGN PRACTICES HAVE HELPED ENLIVEN NEIGHBORHOODS AND PROMOTE CULTURAL UNDERSTANDING. YET, MANY DESIGNERS STILL RELY ON THE SAME TECHNIQUES THAT WERE DEVELOPED IN THE 1950S AND 60S. THESE APPROACHES OFFER PREDICTABILITY, BUT HOLD WANING PROMISE FOR ADDRESSING CURRENT AND FUTURE DESIGN CHALLENGES. DESIGN AS DEMOCRACY IS WRITTEN TO REINVIGORATE DEMOCRATIC DESIGN, PROVIDING INSPIRATION, TECHNIQUES, AND CASE STORIES FOR A WIDE RANGE OF CONTEXTS. EDITED BY SIX LEADING PRACTITIONERS AND ACADEMICS IN THE FIELD OF PARTICIPATORY DESIGN, WITH NEARLY 50 CONTRIBUTORS FROM AROUND THE WORLD, IT OFFERS FRESH INSIGHTS FOR CREATING MEANINGFUL DIALOGUE BETWEEN DESIGNERS AND COMMUNITIES AND FOR TRANSFORMING PLACES WITH JUSTICE AND DEMOCRACY IN MIND.

BLUE URBANISM TIMOTHY BEATLEY 2014-07-08 WHAT WOULD IT MEAN TO LIVE IN CITIES DESIGNED TO FOSTER FEELINGS OF CONNECTEDNESS TO THE OCEAN? AS COASTAL CITIES BEGIN PLANNING FOR CLIMATE CHANGE AND RISING SEA LEVELS, AUTHOR TIMOTHY BEATLEY SEES OPPORTUNITIES FOR RETHINKING THE RELATIONSHIP BETWEEN URBAN DEVELOPMENT AND THE OCEAN. MODERN SOCIETY IS MORE DEPENDENT UPON OCEAN RESOURCES THAN PEOPLE ARE COMMONLY AWARE OF—FROM OIL AND GAS EXTRACTION TO WIND ENERGY, TO THE VAST AMOUNTS OF FISH HARVESTED GLOBALLY, TO MEDICINAL COMPOUNDS DERIVED FROM SEA CREATURES, AND MORE. IN BLUE URBANISM, BEATLEY ARGUES THAT, GIVEN ALL WE'VE GAINED FROM THE SEA, CITY POLICIES, PLANS, AND DAILY URBAN LIFE SHOULD ACKNOWLEDGE AND SUPPORT A HEALTHY OCEAN ENVIRONMENT. THE BOOK EXPLORES ISSUES RANGING FROM URBAN DESIGN AND LAND USE, TO RESOURCE EXTRACTION AND RENEWABLE ENERGY, TO EDUCATING URBANITES ABOUT THE WONDERS OF MARINE LIFE. BEATLEY LOOKS AT HOW EMERGING PRACTICES LIKE "COMMUNITY SUPPORTED FISHERIES" AND AQUAPONICS CAN PROVIDE A SUSTAINABLE ALTERNATIVE TO INDUSTRIAL FISHING PRACTICES. OTHER CHAPTERS DELVE INTO

INCENTIVES FOR INCREASING USE OF WIND AND TIDAL ENERGY AS RENEWABLE OPTIONS TO OIL AND GAS EXTRACTION THAT DAMAGES OCEAN LIFE, AND HOW THE SHIPPING INDUSTRY IS BECOMING MORE “GREEN.” ADDITIONALLY, URBAN CITIZENS, HE EXPLAINS, HAVE MANY OPPORTUNITIES TO INTERACT MEANINGFULLY WITH THE OCEAN, FROM BEACH CLEANUPS TO HELPING SCIENTISTS GATHER DATA. WHILE NO ONE CITY “HAS IT ALL FIGURED OUT,” BEATLEY FINDS EVIDENCE OF A CHANGING ETHIC IN CITIES AROUND THE WORLD: A MARINE BIODIVERSITY CENSUS IN SINGAPORE, DECREASING SUPPORT FOR SHARK-FINNING IN HONG KONG, “WATER PLAZAS” IN ROTTERDAM, A NEW PROTECTED AREA ALONG THE ROCKY SHORE OF WELLINGTON, NEW ZEALAND, “BLUEBELT” PLANNING IN STATEN ISLAND, AND MORE. ULTIMATELY HE EXPLAINS WE MUST CREATE A CULTURE OF “OCEAN LITERACY” USING A VARIETY OF APPROACHES, FROM BUILDING DESIGN AND ART INSTALLATIONS THAT DRAW INSPIRATION FROM MARINE FORMS, TO ENCOURAGING CITIZEN VOLUNTEERISM RELATED TO OCEANS, TO CITY-SPONSORED RESEARCH, AND SUPPORT FOR NEW LAWS THAT PROTECT MARINE HEALTH. EQUAL PARTS INSPIRATION AND PRACTICAL ADVICE FOR URBAN PLANNERS, OCEAN ACTIVISTS, AND POLICYMAKERS, BLUE URBANISM OFFERS A COMPREHENSIVE LOOK AT THE CHALLENGES AND GREAT POTENTIAL FOR URBAN AREAS TO INTEGRATE OCEAN HEALTH INTO THEIR POLICY AND PLANNING GOALS.

GREEN OSLO PER GUNNAR RØYHE 2016-04-22 AS URBAN REGIONS FACE THE DEMAND TO DECREASE FOSSIL FUEL DEPENDENCY, MANY CITIES IN THE DEVELOPING WORLD ARE UNDERTAKING INITIATIVES DESIGNED TO CREATE A GREENER CITY BY AIMING FOR A MORE SUSTAINABLE FORM OF URBAN DEVELOPMENT AND, TO DO SO, THEY NEED TO EVALUATE EXISTING MODES OF TRANSPORTATION AND PATTERNS OF LAND USE. FOCUSING ON OSLO, AN EARLY LEADER IN URBAN ENVIRONMENTAL POLICY MAKING AND A EUROPEAN ‘GREEN CITY’ AWARD WINNER, IT ARGUES THAT THIS EVALUATION MUST ADOPT AND INTEGRATE TWO APPROACHES: FIRSTLY, AS A PROCESS OF ECOLOGICAL MODERNIZATION BASED ON A COMBINATION OF TRANSIT, DENSIFICATION, AND MIXED USE DEVELOPMENT AND SECONDLY, AS AN OPPORTUNITY TO RECONSIDER THE CHARACTER AND SUBSTANCE OF THE BUILT ENVIRONMENT AS A REFLECTION OF NATURAL VALUES, LANDSCAPES AND NATURAL RESOURCES OF THE WIDER REGION. ENVIRONMENTAL DEBATE AND CONCERN IS WIDESPREAD IN OSLO, AND THIS IS REFLECTED IN ITS EARLIER PLANNING DECISIONS TO LEAVE INTACT LARGE FOREST RESERVES, ITS SUCCESSFUL ECOLOGICAL RESTORATION OF THE OSLO FJORD, THE IMPORTANCE OF OUTDOOR CULTURE AMONG ITS RESIDENTS, THE RELATIVELY PROGRESSIVE POLITICAL AGENDA OF NORWAY, THIS BOOK PROVIDES AN OPPORTUNITY FOR A CRITICAL ASSESSMENT OF THE LIMITATIONS AND OPPORTUNITIES INHERENT IN ‘GREEN OSLO’ AND SUGGESTS THE NEED FOR MUCH BROADER INTEGRATIVE APPROACHES. IT CONCLUDES BY HIGHLIGHTING LESSONS WHICH OTHER CITIES MIGHT LEARN FROM OSLO.

NATURE BY DESIGN STEPHEN R. KELLERT 2018-01-01 A GORGEOUSLY ILLUSTRATED, ACCESSIBLE BOOK THAT PROVIDES A HOLISTIC SUMMARY OF THE KEY ELEMENTS FOR GOOD BIOPHILIC DESIGN

BIOPHILIC CITIES TIMOTHY BEATLEY 2011 TIM BEATLEY HAS LONG BEEN A LEADER IN ADVOCATING FOR THE “GREENING” OF CITIES. BUT TOO OFTEN, HE NOTES, URBAN GREENING EFFORTS FOCUS ON EVERYTHING EXCEPT NATURE, EMPHASIZING SUCH ELEMENTS AS PUBLIC TRANSIT, RENEWABLE ENERGY PRODUCTION, AND ENERGY EFFICIENT BUILDING SYSTEMS. WHILE THESE ARE IMPORTANT ASPECTS OF REIMAGINING URBAN LIVING, THEY ARE NOT ENOUGH, SAYS BEATLEY. WE MUST REMEMBER THAT HUMAN BEINGS HAVE AN INNATE NEED TO CONNECT WITH THE NATURAL WORLD (THE BIOPHILIA HYPOTHESIS). AND ANY VISION OF A SUSTAINABLE URBAN FUTURE MUST PLACE ITS FOCUS SQUARELY ON NATURE, ON THE PRESENCE, CONSERVATION, AND CELEBRATION OF THE ACTUAL GREEN FEATURES AND NATURAL LIFE FORMS. A BIOPHILIC CITY IS MORE THAN SIMPLY A BIODIVERSE CITY, SAYS BEATLEY. IT IS A PLACE THAT LEARNS FROM NATURE AND EMULATES NATURAL SYSTEMS, INCORPORATES NATURAL FORMS AND IMAGES INTO ITS BUILDINGS AND CITYSCAPES, AND DESIGNS AND PLANS IN CONJUNCTION WITH NATURE. A BIOPHILIC CITY CHERISHES THE NATURAL FEATURES THAT ALREADY EXIST BUT ALSO WORKS TO RESTORE AND REPAIR WHAT HAS BEEN LOST OR DEGRADED. IN BIOPHILIC CITIES BEATLEY NOT ONLY OUTLINES THE ESSENTIAL ELEMENTS OF A BIOPHILIC CITY, BUT PROVIDES EXAMPLES AND STORIES ABOUT CITIES THAT HAVE SUCCESSFULLY INTEGRATED BIOPHILIC ELEMENTS--FROM THE BUILDING TO THE REGIONAL LEVEL--AROUND THE WORLD. FROM URBAN ECOLOGICAL NETWORKS AND CONNECTED SYSTEMS OF URBAN GREENSPACE, TO GREEN ROOFTOPS AND GREEN WALLS AND SIDEWALK GARDENS, BEATLEY REVIEWS THE EMERGING PRACTICE OF BIOPHILIC URBAN DESIGN AND PLANNING, AND TELLS MANY COMPELLING STORIES OF INDIVIDUALS AND GROUPS WORKING HARD TO TRANSFORM CITIES FROM GREY AND LIFELESS TO GREEN AND BIODIVERSE.

MAKING HEALTHY PLACES ANDREW L. DANNENBERG 2012-09-18 THE ENVIRONMENT THAT WE CONSTRUCT AFFECTS BOTH HUMANS AND OUR NATURAL WORLD IN MYRIAD WAYS. THERE IS A PRESSING NEED TO CREATE HEALTHY PLACES AND TO REDUCE THE HEALTH THREATS INHERENT IN PLACES ALREADY BUILT. HOWEVER, THERE HAS BEEN LITTLE AWARENESS OF THE ADVERSE EFFECTS OF WHAT WE HAVE CONSTRUCTED--OR THE POSITIVE BENEFITS OF WELL DESIGNED BUILT ENVIRONMENTS. THIS BOOK PROVIDES A FAR-REACHING FOLLOW-UP TO THE PATHBREAKING *URBAN SPRAWL AND PUBLIC HEALTH*, PUBLISHED IN 2004. THAT BOOK SPARKED A RANGE OF INQUIRIES INTO THE CONNECTIONS BETWEEN CONSTRUCTED ENVIRONMENTS, PARTICULARLY CITIES AND SUBURBS, AND THE HEALTH OF RESIDENTS, ESPECIALLY HUMANS. SINCE THEN, NUMEROUS STUDIES HAVE EXTENDED AND REFINED THE BOOK’S RESEARCH AND REPORTING. *MAKING HEALTHY PLACES* OFFERS A FRESH AND COMPREHENSIVE LOOK AT THIS VITAL SUBJECT TODAY. THERE IS NO

OTHER BOOK WITH THE DEPTH, BREADTH, VISION, AND ACCESSIBILITY THAT THIS BOOK OFFERS. IN ADDITION TO BEING OF PARTICULAR INTEREST TO UNDERGRADUATE AND GRADUATE STUDENTS IN PUBLIC HEALTH AND URBAN PLANNING, IT WILL BE ESSENTIAL READING FOR PUBLIC HEALTH OFFICIALS, PLANNERS, ARCHITECTS, LANDSCAPE ARCHITECTS, ENVIRONMENTALISTS, AND ALL THOSE WHO CARE ABOUT THE DESIGN OF THEIR COMMUNITIES. LIKE A WELL-TRAINED DOCTOR, MAKING HEALTHY PLACES PRESENTS A DIAGNOSIS OF--AND OFFERS TREATMENT FOR--PROBLEMS RELATED TO THE BUILT ENVIRONMENT. DRAWING ON THE LATEST SCIENTIFIC EVIDENCE, WITH CONTRIBUTIONS FROM EXPERTS IN A RANGE OF FIELDS, IT IMPARTS A WEALTH OF PRACTICAL INFORMATION, WITH AN EMPHASIS ON DEMONSTRATED AND PROMISING SOLUTIONS TO COMMONLY OCCURRING PROBLEMS.

GREEN URBANISM TIMOTHY BEATLEY 2012-09-26 AS THE NEED TO CONFRONT UNPLANNED GROWTH INCREASES, PLANNERS, POLICYMAKERS, AND CITIZENS ARE SCRAMBLING FOR PRACTICAL TOOLS AND EXAMPLES OF SUCCESSFUL AND WORKABLE APPROACHES. GROWTH MANAGEMENT INITIATIVES ARE UNDERWAY IN THE U.S. AT ALL LEVELS, BUT MANY AMERICAN "SUCCESS STORIES" PROVIDE ONLY ONE PIECE OF THE PUZZLE. TO FIND EXAMPLES OF A HOLISTIC APPROACH TO DEALING WITH SPRAWL, ONE MUST TURN TO MODELS OUTSIDE OF THE UNITED STATES. IN GREEN URBANISM, TIMOTHY BEATLEY EXPLAINS WHAT PLANNERS AND LOCAL OFFICIALS IN THE UNITED STATES CAN LEARN FROM THE SUSTAINABLE CITY MOVEMENT IN EUROPE. THE BOOK DRAWS FROM THE EXTENSIVE EUROPEAN EXPERIENCE, EXAMINING THE PROGRESS AND POLICIES OF TWENTY-FIVE OF THE MOST INNOVATIVE CITIES IN ELEVEN EUROPEAN COUNTRIES, WHICH BEATLEY RESEARCHED AND OBSERVED IN DEPTH DURING A YEAR-LONG STAY IN THE NETHERLANDS. CHAPTERS EXAMINE: THE SUSTAINABLE CITIES MOVEMENT IN EUROPE EXAMPLES AND IDEAS OF DIFFERENT HOUSING AND LIVING OPTIONS TRANSIT SYSTEMS AND POLICIES FOR PROMOTING TRANSIT USE, INCREASING BICYCLE USE, AND MINIMIZING THE ROLE OF THE AUTOMOBILE CREATIVE WAYS OF INCORPORATING GREENNESS INTO CITIES WAYS OF READJUSTING "URBAN METABOLISM" SO THAT WASTE FLOWS BECOME CIRCULAR PROGRAMS TO PROMOTE MORE SUSTAINABLE FORMS OF ECONOMIC DEVELOPMENT SUSTAINABLE BUILDING AND SUSTAINABLE DESIGN MEASURES AND FEATURES RENEWABLE ENERGY INITIATIVES AND LOCAL EFFORTS TO PROMOTE SOLAR ENERGY WAYS OF GREENING THE MANY DECISIONS OF LOCAL GOVERNMENT INCLUDING ECOLOGICAL BUDGETING, GREEN ACCOUNTING, AND OTHER CITY MANAGEMENT TOOLS. THROUGHOUT, BEATLEY FOCUSES ON THE KEY LESSONS FROM THESE CITIES -- INCLUDING VIENNA, HELSINKI, COPENHAGEN, STOCKHOLM, ZURICH, AMSTERDAM, LONDON, AND BERLIN -- AND WHAT THEIR EXPERIENCE CAN TEACH US ABOUT EFFECTIVELY AND CREATIVELY PROMOTING SUSTAINABLE DEVELOPMENT IN THE UNITED STATES. GREEN URBANISM IS THE FIRST FULL-LENGTH BOOK TO DESCRIBE URBAN SUSTAINABILITY IN EUROPEAN CITIES, AND PROVIDES CONCRETE EXAMPLES AND DETAILED DISCUSSIONS OF INNOVATIVE AND PRACTICAL SUSTAINABLE PLANNING IDEAS. IT WILL BE A USEFUL REFERENCE AND SOURCE OF IDEAS FOR URBAN AND REGIONAL PLANNERS, STATE AND LOCAL OFFICIALS, POLICYMAKERS, STUDENTS OF PLANNING AND GEOGRAPHY, AND ANYONE CONCERNED WITH HOW CITIES CAN BECOME MORE LIVABLE.

BUILDING FOR LIFE STEPHEN R. KELLERT 2012-09-26 SUSTAINABLE DESIGN HAS MADE GREAT STRIDES IN RECENT YEARS; UNFORTUNATELY, IT STILL FALLS SHORT OF FULLY INTEGRATING NATURE INTO OUR BUILT ENVIRONMENT. THROUGH A GROUNDBREAKING NEW PARADIGM OF "RESTORATIVE ENVIRONMENTAL DESIGN," AWARD-WINNING AUTHOR STEPHEN R. KELLERT PROPOSES A NEW ARCHITECTURAL MODEL OF SUSTAINABILITY. IN BUILDING FOR LIFE, KELLERT EXAMINES THE FUNDAMENTAL INTERCONNECTEDNESS OF PEOPLE AND NATURE, AND HOW THE LOSS OF THIS CONNECTION RESULTS IN A DIMINISHED QUALITY OF LIFE. THIS THOUGHTFUL NEW WORK ILLUSTRATES HOW ARCHITECTS AND DESIGNERS CAN USE SIMPLE METHODS TO ADDRESS OUR INNATE NEEDS FOR CONTACT WITH NATURE. THROUGH THE USE OF NATURAL LIGHTING, VENTILATION, AND MATERIALS, AS WELL AS MORE UNEXPECTED METHODOLOGIES--THE USE OF METAPHOR, PERSPECTIVE, ENTICEMENT, AND SYMBOL--ARCHITECTS CAN GREATLY ENHANCE OUR DAILY LIVES. THESE DESIGN TECHNIQUES FOSTER INTELLECTUAL DEVELOPMENT, RELAXATION, AND PHYSICAL AND EMOTIONAL WELL-BEING. IN THE WORKS OF ARCHITECTS LIKE FRANK LLOYD WRIGHT, EERO SAARINEN, CESAR PELLI, NORMAN FOSTER, AND MICHAEL HOPKINS, KELLERT SEES THE SUCCESS OF THESE STRATEGIES AND PRESENTS MODELS FOR MOVING FORWARD. ULTIMATELY, KELLERT VIEWS OUR FRACTURED RELATIONSHIP WITH NATURE AS A DESIGN PROBLEM RATHER THAN AN UNAVOIDABLE ASPECT OF MODERN LIFE, AND HE PROPOSES MANY PRACTICAL AND CREATIVE SOLUTIONS FOR CULTIVATING A MORE REWARDING EXPERIENCE OF NATURE IN OUR BUILT ENVIRONMENT.

URBAN GOVERNANCE AND SMART CITY PLANNING ZAHEER ALLAM 2020-02-20 IN A CHANGING CLIMATE CHARACTERISED BY RAPID URBANISATION IT IS INCREASINGLY DIFFICULT TO DEVISE RESILIENT URBAN GOVERNANCE MODELS WHICH ALSO PRESERVE THE ENVIRONMENT. THIS BOOK TAKES SINGAPORE, THE INCONTESTABLE LEADER IN THIS FIELD, AS A CASE STUDY, DELVING INTO THE TRIUMPHANT STORY OF ITS SUCCESSES IN URBAN GOVERNANCE AND SMART CITY PLANNING.

SMALL-SCALE URBAN GREENING ANGELA LODER 2020-03-23 SMALL-SCALE URBAN GREENING PROJECTS ARE CHANGING THE URBAN LANDSCAPE, SHIFTING OUR EXPERIENCE AND UNDERSTANDING OF GREENSPACES IN OUR CITIES. THIS BOOK ARGUES THAT INCLUDING POWER DYNAMICS, SYMBOLISM, AND AESTHETICS IN OUR UNDERSTANDING OF THE HUMAN RELATIONSHIP TO URBAN NATURE CAN HELP US CREATE PLACES THAT NURTURE ECOLOGICAL AND HUMAN HEALTH AND PROMOTE SUCCESSFUL AND EQUITABLE URBAN COMMUNITIES. USING AN INTERDISCIPLINARY APPROACH TO CURRENT RESEARCH DEBATES AND NEW COMPARATIVE CASE STUDIES ON

COMMUNITY PERCEPTIONS OF THESE URBAN GREENING PROJECTS AND POLICIES, THIS BOOK EXPLORES HOW SMALL-SCALE URBAN GREENING PROJECTS CAN IMPACT OUR SENSE OF PLACE, HEALTH, CREATIVITY, AND CONCENTRATION WHILE ALSO BEING PART OF A SUCCESSFUL URBAN GREENING PROGRAM. ARGUING THAT WILDNESS, EMOTION, AND SENSE OF PLACE ARE KEY COMPONENTS OF OUR HUMAN-NATURE RELATIONSHIP, THIS BOOK WILL BE OF INTEREST TO DESIGNERS, ACADEMICS, AND POLICY MAKERS.

NATURE AND CITIES **FREDERICK R. STEINER** 2016 NAMED ONE OF THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS' BEST BOOKS OF 2016, NATURE AND CITIES ASSERTS THAT ECOLOGICALLY BASED URBAN DESIGNS AND PLANS ARE ESSENTIAL AS THE WORLD URBANIZES AND THE EFFECTS OF CLIMATE CHANGE GROW MORE SEVERE. IN THIS COLLECTION OF ESSAYS, LEADING INTERNATIONAL LANDSCAPE ARCHITECTS, ARCHITECTS, CITY PLANNERS, AND URBAN DESIGNERS EXPLORE THE ECONOMIC, ENVIRONMENTAL, AND PUBLIC HEALTH BENEFITS OF INTEGRATING NATURE MORE FULLY INTO CITIES AND OF LINKING ECOLOGICAL INFORMATION TO ACTIONS ACROSS MANY SCALES, COMMUNITIES, AND REGIONS. THE BOOK BUILDS UPON THE PREMISE OF ECOLOGICAL DESIGN AND PLANNING, ALSO EDITED BY GEORGE F. THOMPSON AND FREDERICK R. STEINER (WILEY, 1997).

THE EMERGENCE OF BIOPHILIC DESIGN **JANA SPÄRDERLUND** 2019-10-18 THIS BOOK ADDRESSES THE EMERGENCE OF BIOPHILIC DESIGN, A FORM OF DESIGN THAT LOOKS AT PEOPLE'S INTRINSIC CONNECTION WITH NATURE. THERE IS NO DENYING THAT BIOPHILIC DESIGN IS RAPIDLY EXPANDING GLOBALLY AS AN EFFECTIVE RESPONSE TO PRESSING ISSUES IN URBAN AREAS AND BUILT ENVIRONMENTS. FROM BEING A TERM FEW HAD HEARD OF IN 2012, WHEN THE AUTHOR'S RESEARCH BEGAN, TO ONE THAT IS CURRENTLY TRENDING IN A BROAD RANGE OF DISCIPLINES, THE STORY OF ITS EMERGENCE HAS NEVER BEEN PROPERLY TOLD. THE STORY OF THE EMERGENCE OF BIOPHILIC DESIGN IS THE STORY OF A SOCIAL MOVEMENT AND HOW A GATHERING OF PEOPLE WITH A COMMON INTEREST AND PASSION CAN SPARK A GLOBAL TREND. THE BOOK AND THE STORIES WITHIN ARE NOT ONLY ENGAGING BUT ALSO INFORMATIVE AND EDUCATIONAL, OFFERING READERS AN IN-DEPTH UNDERSTANDING OF WHAT BIOPHILIC DESIGN IS ALL ABOUT, AND HOW TO PROMOTE ITS IMPLEMENTATION IN THEIR OWN BUILT ENVIRONMENT. HOPEFULLY, THEY WILL INSPIRE PEOPLE TO ACT, TO CAMPAIGN AND TO IMPLEMENT INITIATIVES IN THEIR URBAN ENVIRONMENT, WITH THE CONFIDENCE THAT THEY ARE CAPABLE OF MAKING A DIFFERENCE. THE AUTHOR SPENT THREE YEARS RESEARCHING THE EMERGENCE OF BIOPHILIC DESIGN, AND WHY AND HOW IT WAS DRIVEN BY CERTAIN PEOPLE WHO CHAMPIONED THE CONCEPT. PART OF THE AUTHOR'S RESEARCH INVOLVED A THREE-MONTH TOUR OF TEN NORTH AMERICAN CITIES, DURING WHICH SHE INTERVIEWED 26 KEY PLAYERS. THESE PEOPLE RANGED FROM COMMUNITY LEADERS, LANDSCAPE ARCHITECTS, AND ACADEMICS, TO THE CEOs OF NGOS AND GOVERNMENT LEADERS. THE RESULT IS A COLLECTION OF STORIES THAT ILLUSTRATE THE EVOLUTION OF BIOPHILIC DESIGN, AND HOW IT WAS FREQUENTLY BORN FROM A PASSION FOR, BELIEF IN AND LOVE OF NATURE, AS WELL AS A RESPONSE TO AN URBAN CRISIS.

ANTI-ARCHITECTURE AND DECONSTRUCTION **NIKOS ANGELOS SALINGAROS** 2004

BIOMIMICRY IN ARCHITECTURE **MICHAEL PAWLYN** 2019-08-12 WHEN SEARCHING FOR GENUINELY SUSTAINABLE BUILDING DESIGN AND TECHNOLOGY - DESIGNS THAT GO BEYOND CONVENTIONAL SUSTAINABILITY TO BE TRULY RESTORATIVE - WE OFTEN FIND THAT NATURE GOT THERE FIRST. OVER 3.5 BILLION YEARS OF NATURAL HISTORY HAVE EVOLVED INNUMERABLE EXAMPLES OF FORMS, SYSTEMS, AND PROCESSES THAT CAN BE APPLIED TO MODERN GREEN DESIGN. FOR ARCHITECTS, URBAN DESIGNERS AND PRODUCT DESIGNERS, THIS NEW EDITION OF BIOMIMICRY IN ARCHITECTURE LOOKS TO THE NATURAL WORLD TO ACHIEVE RADICAL INCREASES IN RESOURCE EFFICIENCY. PACKED WITH CASE STUDIES PREDICTING FUTURE TRENDS, THIS EDITION ALSO CONTAINS UPDATED AND EXPANDED CHAPTERS ON STRUCTURES, MATERIALS, WASTE, WATER, THERMAL CONTROL AND ENERGY, AS WELL AS AN ALL-NEW CHAPTER ON LIGHT. AN AMAZING SOURCEBOOK OF EXTRAORDINARY DESIGN SOLUTIONS, BIOMIMICRY IN ARCHITECTURE IS A MUST-READ FOR ANYONE PREPARING FOR THE CHALLENGES OF BUILDING A SUSTAINABLE AND RESTORATIVE FUTURE.

CLIMATE CHANGE AND CITIES **CYNTHIA ROSENZWEIG** 2018-03-29 THE URBAN CLIMATE CHANGE RESEARCH NETWORK'S SECOND ASSESSMENT REPORT ON CLIMATE CHANGE IN CITIES (ARC3.2) IS THE SECOND IN A SERIES OF GLOBAL, SCIENCE-BASED REPORTS TO EXAMINE CLIMATE RISK, ADAPTATION, AND MITIGATION EFFORTS IN CITIES. THE BOOK EXPLICITLY SEEKS TO EXPLORE THE IMPLICATIONS OF CHANGING CLIMATIC CONDITIONS ON CRITICAL URBAN PHYSICAL AND SOCIAL INFRASTRUCTURE SECTORS AND INTERSECTORAL CONCERNS. THE PRIMARY PURPOSE OF ARC3.2 IS TO INFORM THE DEVELOPMENT AND IMPLEMENTATION OF EFFECTIVE URBAN CLIMATE CHANGE POLICIES, LEVERAGING ONGOING AND PLANNED INVESTMENTS FOR POPULATIONS IN CITIES OF DEVELOPING, EMERGING, AND DEVELOPED COUNTRIES. THIS VOLUME, LIKE ITS PREDECESSOR, WILL BE INVALUABLE FOR A RANGE OF AUDIENCES INVOLVED WITH CLIMATE CHANGE AND CITIES: MAYORS, CITY OFFICIALS AND POLICYMAKERS; URBAN PLANNERS; POLICYMAKERS CHARGED WITH DEVELOPING CLIMATE CHANGE MITIGATION AND ADAPTATION PROGRAMS; AND A BROAD SPECTRUM OF RESEARCHERS AND ADVANCED STUDENTS IN THE ENVIRONMENTAL SCIENCES.

INTEGRATING FOOD INTO URBAN PLANNING **YVES CABANNES** 2018-11-22 THE INTEGRATION OF FOOD INTO URBAN PLANNING IS A CRUCIAL AND EMERGING TOPIC. URBAN PLANNERS, ALONGSIDE THE LOCAL AND REGIONAL AUTHORITIES THAT HAVE TRADITIONALLY

BEEN LESS ENGAGED IN FOOD-RELATED ISSUES, ARE NOW ASKED TO TAKE A CENTRAL AND ACTIVE PART IN UNDERSTANDING HOW FOOD IS PRODUCED, PROCESSED, PACKAGED, TRANSPORTED, MARKETED, CONSUMED, DISPOSED OF AND RECYCLED IN OUR CITIES. WHILE THERE IS A GROWING BODY OF LITERATURE ON THE TOPIC, THE ISSUE OF PLANNING CITIES IN SUCH A WAY THEY WILL INCREASE FOOD SECURITY AND NUTRITION, NOT ONLY FOR THE AFFLUENT SECTIONS OF SOCIETY BUT PRIMARILY FOR THE POOR, IS MUCH LESS DISCUSSED, AND MUCH LESS INFORMED BY PRACTICES. THIS VOLUME, A COLLABORATION BETWEEN THE BARTLETT DEVELOPMENT PLANNING UNIT AT UCL AND THE FOOD AGRICULTURAL ORGANISATION, AIMS TO FILL THIS GAP BY PUTTING MORE THAN 20 CITY-BASED EXPERIENCES IN PERSPECTIVE, INCLUDING STUDIES FROM TORONTO, NEW YORK CITY, PORTLAND AND PROVIDENCE IN NORTH AMERICA; MILAN IN EUROPE AND CAPE TOWN IN AFRICA; BELO HORIZONTE AND LIMA IN SOUTH AMERICA; AND, IN ASIA, BANGKOK AND TOKYO. BY STUDYING AND COMPARING CITIES OF DIFFERENT SIZES, FROM BOTH THE GLOBAL NORTH AND SOUTH, IN DEVELOPED AND DEVELOPING REGIONS, THE CONTRIBUTORS COLLECTIVELY ARGUE FOR THE IMPORTANCE AND CIRCULATION OF GLOBAL KNOWLEDGE ROOTED IN LOCAL FOOD PLANNING PRACTICES, PROGRAMMES AND POLICIES.

SUSTAINABLE BUILT ENVIRONMENTS VIVIAN LOFTNESS 2012-11-28 SUSTAINABLE DESIGN IS A COLLECTIVE PROCESS WHEREBY THE BUILT ENVIRONMENT ACHIEVES UNPRECEDENTED LEVELS OF ECOLOGICAL BALANCE THROUGH NEW AND RETROFIT CONSTRUCTION, WITH THE GOAL OF LONG-TERM VIABILITY AND HUMANIZATION OF ARCHITECTURE. FOCUSING ON THE ENVIRONMENTAL CONTEXT, SUSTAINABLE DESIGN MERGES THE NATURAL, MINIMUM RESOURCE CONDITIONING SOLUTIONS OF THE PAST (DAYLIGHT, SOLAR HEAT, AND NATURAL VENTILATION) WITH THE INNOVATIVE TECHNOLOGIES OF THE PRESENT. THE DESIRED RESULT IS AN INTEGRATED "INTELLIGENT" SYSTEM THAT SUPPORTS INDIVIDUAL CONTROL WITH EXPERT NEGOTIATION FOR RESOURCE CONSCIOUSNESS. INTERNATIONAL EXPERTS IN THE FIELD ADDRESS THE FUNDAMENTAL QUESTIONS OF SUSTAINABLE DESIGN AND LANDSCAPE MANAGEMENT: HOW SHOULD THE SUSTAINABILITY OF LANDSCAPES AND BUILDINGS BE EVALUATED? WHICH TARGETS HAVE TO BE SET AND WHICH THRESHOLDS SHOULD NOT BE EXCEEDED? WHAT FORMS OF PLANNING AND GOVERNANCE STRUCTURES EXIST AND TO WHAT EXTENT DO THEY FURTHER THE GOALS OF SUSTAINABILITY? GATHERING 30 PEER-REVIEWED ENTRIES FROM THE ENCYCLOPEDIA OF SUSTAINABILITY SCIENCE AND TECHNOLOGY, SUSTAINABLE BUILT ENVIRONMENTS PROVIDES COMPREHENSIVE, MULTIDISCIPLINARY COVERAGE OF THESE ISSUES AND OTHER ASPECTS OF SUSTAINABLE BUILDING AND LANDSCAPE DESIGN.

BIOPHILIC CITIES FOR AN URBAN CENTURY ROBERT McDONALD 2020-09-25 THIS BOOK ARGUES THAT, PARADOXICALLY, AT THEIR MOMENT OF TRIUMPH AND FASTEST GROWTH, CITIES NEED NATURE MORE THAN EVER. ONLY IF OUR URBAN WORLD IS FULL OF BIOPHILIC CITIES WILL THE COMING URBAN CENTURY TRULY SUCCEED. CITIES ARE QUINTESSENTIALLY HUMAN, THE PERFECT FORUM FOR INTERACTION, AND WE ARE ENTERING WHAT COULD JUSTLY BE CALLED THE URBAN CENTURY, THE FASTEST PERIOD OF URBAN GROWTH IN HUMAN HISTORY. YET A GROWING BODY OF SCIENTIFIC LITERATURE SHOWS THAT THE CONSTANT INTERACTION, THE HYPER-CONNECTEDNESS, OF CITIES LEADS TO AN URBAN PSYCHOLOGICAL PENALTY. NATURE IN CITIES CAN BE SOLUTION TO THIS DILEMMA, ALLOWING US TO HAVE ALL THE BENEFITS OF OUR URBAN, CONNECTED WORLD YET ALSO HAVE THAT URBAN HOME BE A PLACE WHERE HUMANITY CAN THRIVE. THIS BOOK PRESENTS BEST PRACTICES AND CASE STUDIES FROM BIOPHILIC DESIGN, SHOWING HOW CITIES AROUND THE WORLD ARE BEGINNING TO INCORPORATE NATURE INTO THEIR URBAN FABRIC. IT WILL BE A VALUABLE RESOURCE FOR SCHOLARS AND PROFESSIONALS WORKING IN THE AREA OF SUSTAINABLE CITIES.

THE ROUTLEDGE HANDBOOK OF URBAN ECOLOGY IAN DOUGLAS 2010-12-21 THE BIRDS, ANIMALS, INSECTS, TREES AND PLANTS ENCOUNTERED BY THE MAJORITY OF THE WORLD'S PEOPLE ARE THOSE THAT SURVIVE IN, ADAPT TO, OR ARE INTRODUCED TO, URBAN AREAS. SOME OF THESE ORGANISMS GIVE GREAT PLEASURE; OTHERS INVADE, COLONISE AND OCCUPY NEGLECTED AND HIDDEN AREAS SUCH AS DERELICT LAND AND SEWERS. URBAN AREAS HAVE A HIGH BIODIVERSITY AND NATURE WITHIN CITIES PROVIDES MANY ECOSYSTEM SERVICES INCLUDING COOLING THE URBAN AREA, REDUCING URBAN FLOOD RISK, FILTERING POLLUTANTS, SUPPLYING FOOD, AND PROVIDING ACCESSIBLE RECREATION. YET, PROTECTING URBAN NATURE FACES COMPETITION FROM OTHER URBAN LAND USES. THE HANDBOOK OF URBAN ECOLOGY ANALYSES THIS BIODIVERSITY AND COMPLEXITY AND PROVIDES THE SCIENCE TO GUIDE POLICY AND MANAGEMENT TO MAKE CITIES MORE ATTRACTIVE, MORE ENJOYABLE, AND BETTER FOR OUR OWN HEALTH AND THAT OF THE PLANET. THIS HANDBOOK CONTAINS 50 INTERDISCIPLINARY CONTRIBUTIONS FROM LEADING ACADEMICS AND PRACTITIONERS FROM ACROSS THE WORLD TO PROVIDE AN IN-DEPTH COVERAGE OF THE MAIN ELEMENTS OF PRACTICAL URBAN ECOLOGY. IT IS DIVIDED INTO SIX PARTS, DEALING WITH THE PHILOSOPHIES, CONCEPTS AND HISTORY OF URBAN ECOLOGY; FOLLOWED BY CONSIDERATION OF THE BIOPHYSICAL CHARACTER OF THE URBAN ENVIRONMENT AND THE DIVERSE HABITATS FOUND WITHIN IT. IT THEN EXAMINES HUMAN RELATIONSHIPS WITH URBAN NATURE, THE HEALTH, ECONOMIC AND ENVIRONMENTAL BENEFITS OF URBAN ECOLOGY BEFORE DISCUSSING THE METHODS USED IN URBAN ECOLOGY AND WAYS OF PUTTING THE SCIENCE INTO PRACTICE. THE HANDBOOK OFFERS A STATE-OF-THE-ART GUIDE TO THE SCIENCE, PRACTICE AND VALUE OF URBAN ECOLOGY. THE ENGAGING CONTRIBUTIONS PROVIDE STUDENTS AND PRACTITIONERS WITH THE WEALTH OF INTERDISCIPLINARY INFORMATION NEEDED TO MANAGE THE BIOTA AND GREEN LANDSCAPES IN URBAN AREAS.

RESILIENT CITIES, SECOND EDITION PETER NEWMAN 2017-06 DRAWING FROM RESEARCH AND EXAMPLES ABOUT RESILIENT CITIES,

THIS BOOK LOOKS AT NEW INITIATIVES AND INNOVATIONS CITIES CAN IMPLEMENT.