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The implementation of sustainability initiatives on campuses is an essential component of promoting sustainability in the higher education context. In addition to reflecting an awareness of environmental issues, campus programmes demonstrate how seriously universities take sustainability at the

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institutional level. There is a lack of truly interdisciplinary publications that comprehensively address the issue of campus greening, and there is an even greater need for publications that do so at a truly international level. This book meets these needs. It is one of the outcomes of the “Second Symposium on Sustainability in University Campuses” (SSUC-2018), which was jointly organised by the University of Florence (Italy), Manchester

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Metropolitan University (UK), the Research and Transfer Centre “Sustainable Development and Climate Change Management” and the “European School of Sustainability Science and Research” at the Hamburg University of Applied Sciences (Germany), in cooperation with the Inter-University Sustainable Development Research Programme (IUSDRP). The book showcases examples of campus-based research and teaching projects, regenerative campus

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design, low-carbon and zero-carbon buildings, waste prevention, and resilient transport, among others. Ultimately, it demonstrates the role of campuses as platforms for transformative social learning and research, and explores the means by which university campuses can be made more sustainable. The aims of this publication are as follows: • to provide universities with essential information on campus greening and

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sustainable campus development initiatives from around the world; • to share ideas and lessons learned in the course of research, teaching and projects on campus greening and design, especially successful initiatives and good practice; and • to introduce methodological approaches and projects intended to integrate the topic of sustainable development in campus design and operations. This book gathers contributions from researchers

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and practitioners in the field of campus greening and sustainable development in the widest sense, from business and economics, to the arts, administration and the environment, and hailing from Europe, Latin America, North America and Asia.

Freight transport faces a dual challenge: it must satisfy the demands of globalized trade and meet environmental requirements. In this context, innovation is a crucial topic

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to enable the transition from the current transportation and logistics system to a sustainable system. This book provides an overview of the latest technological innovations in Europe and worldwide, based on ICT and new vehicle concepts, for all modes and all scales (urban, regional, national or international). The authors consider innovation supply, the process of innovation and innovative business models. Some perspectives and solutions

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are proposed on the deployment of innovation, specifically concerning the transformation of the organization of the system and the relationships between industry, governmental players, operators and users.

The proliferation of entrepreneurship, technological and business innovations, emerging social trends and lifestyles, employment patterns, and other developments in the global context involve creative destruction that

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transcends geographic and political boundaries and economic sectors and industries. This creates a need for an interdisciplinary exploration of disruptive technologies, their impacts, and their implications for various stakeholders widely ranging from government agencies to major corporations to consumer groups and individuals. Disruptive Technology: Concepts, Methodologies, Tools, and Applications is a vital reference

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source that examines innovation, imitation, and creative destruction as critical factors and agents of socio-economic growth and progress in the context of emerging challenges and opportunities for business development and strategic advantage. Highlighting a range of topics such as IT innovation, business strategy, and sustainability, this multi-volume book is ideally designed for entrepreneurs, business executives, business professionals,

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academicians, and researchers interested in strategic decision making using innovations and competitiveness. The book Towards Socially Integrative Cities deals with the transition towards urban sustainability through socially integrative cities in Europe and China. It shares the impactful original research results of an EU-funded R&I project involving eight European and six Chinese partners (TRANS-URBAN-EU-CHINA; see

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www.transurbaneuchina.eu). Three each of the six editors come from European and Chinese universities and research institutions. The first articles (No. 1-4) provide an overview and insights into the conceptual basis of the book. The socially integrative city is framed by discussions in academia and practice, and it is defined in a comprehensive way as an element of urban sustainability. Sustainability transitions in China are linked to

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international discussions and the challenges are articulated. Moreover, the discussions touch on the strengths and weaknesses related to managing urban growth and the rapid expansion of cities. Land development tools are discussed with regard to the opportunities they offer for creating socially integrative cities. A second set of articles (No. 5-9) focus on socially integrative urban regeneration of cities. After an overview of

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policies and strategies in Europe and China, detailed aspects are discussed, such as community building through public engagement, challenges of place-making, and the role of education and life-long learning. Finally, a manuscript on heritage preservation and its impact on social integration in urban regeneration concludes this section. A third set of articles (No. 10-13) look into issues of the transformation of cities and

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sustainability transitions. Transformation is understood as a complex set of interactions. The development of tools, such as community platforms for information and dialogue transfer, are discussed as an instrument to facilitate transition processes. The transformative capacity of cities in Europe and China is discussed in an article that looks into possibilities to narrow the gaps between urban planning and development.

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Smart and eco-cities in Europe and China are taken as an empirical base. Advanced methods, such as the Social Cost-Benefit Analysis, may support social integration. Finally, an example of how the use of multiple data sources can speed up the digital transition in cities and provide decision support for social integration is presented. The final set of articles (No. 14 and 15) deal with questions of replicability of experiences and the role of concrete

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urban experiments in so-called Urban Living Laboratories. Methods to explore the replication potential of urban solutions for socially integrative cities are discussed. Finally, the potential of urban living laboratories for nurturing open urban innovation in Chinese cities is scrutinized. Several examples are discussed, and conclusions regarding the enhancement of social integration in cities are drawn. The book is edited by Bernhard Müller

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*(Technische Universität Dresden, TUD),
Baojun Yang (China Academy of Urban
Planning and Design, CAUPD), Liu Jian
(Tsinghua University), Jianming Cai
(China Academy of Sciences, CAS),
Paulina Schiappacasse (TUD) and Hans-
Martin Neumann (Austrian Institute of
Technology, AIT).*

Researching Health

Smart Cities Atlas

*Co-creating in Schools Through Art and
Science*

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Concepts of Advanced Zero Waste Tools

The Cannabis Grow Bible

Supporting the Implementation of the Sustainable Development Goals

Towards Socially Integrative Cities

Nature has always been, and still is, a source of food and ingredients that are beneficial to human health. Nowadays, plant extracts are increasingly becoming important additives in the food industry due to their antimicrobial and antioxidant activities that delay the development of

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off-flavors and improve the shelf life and color stability of food products. Due to their natural origin, they are excellent candidates to replace synthetic compounds, which are generally considered to have toxicological and carcinogenic effects. The efficient extraction of these compounds from their natural sources and the determination of their activity in commercialized products have been great challenges for researchers and food chain contributors to develop products with positive effects on human health. The

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objective of this Special Issue is to highlight the existing evidence regarding the various potential benefits of the consumption of plant extracts and plant-extract-based products, with emphasis on in vivo works and epidemiological studies, the application of plant extracts to improving shelf life, the nutritional and health-related properties of foods, and the extraction techniques that can be used to obtain bioactive compounds from plant extracts.

City Logistics: Mapping The Future

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examines the key concepts of city logistics along with the associated implementation issues, methodologies, and policy measures. Chronicling the growth of city logistics as a discipline and how planning and policy have improved practice over the last ten years, it details the technologies, policies, and plans that can reduce traffic congestion, environmental impact, and the cost of logistics activities in urban freight transportation systems. The book provides a comprehensive study of the modelling, planning, and

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evaluation of urban freight transport. It includes case studies from the US, UK, Netherlands, Japan, South Africa, and Australia that illustrate the experiences of cities that have already implemented city logistics, including the methods used to solve the complex issues relating to urban freight transport. Presents procedures for evaluating city logistics policy measures Provides an overview of intelligent transport systems in city logistics Highlights the essential features of joint delivery systems and off-

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hour delivery programs Supplies an overview of access restrictions and regulations related to city logistics in urban areas Expert contributors from major cities around the world discuss regional developments, share success stories and personal experiences, and highlight emerging trends in urban logistics. Coverage includes mathematical modeling, public policy planning and implementation, logistics in urban planning designs, and urban distribution centers. The book examines the impact of recent advancements

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in technology on city logistics, including information and communication technologies, intelligent transport systems, and GPS. It also considers future directions in city logistics, including humanitarian logistics, alternative transport modes in co-modality, last kilometer deliveries, partnerships between public and private sectors, alternative fuel vehicles, and emerging technologies such as 3D printing.

The three-volume set LNCS 9186, 9187, and 9188 constitutes the proceedings of the

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4th International Conference on Design, User Experience, and Usability, DUXU 2015, held as part of the 17th International Conference on Human-Computer Interaction, HCII 2015, in Los Angeles, CA, USA, in August 2015, jointly with 13 other thematically similar conferences. The total of 1462 papers and 246 posters presented at the HCII 2015 conferences were carefully reviewed and selected from 4843 submissions. These papers address the latest research and development efforts and highlight the human aspects of design

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and use of computing systems. The papers accepted for presentation thoroughly cover the entire field of Human-Computer Interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. The total of 132 contributions included in the DUXU proceedings were carefully reviewed and selected for inclusion in this three-volume set. The 61 papers included in this volume are organized in topical sections on design thinking, user experience design and usability methods and tools, DUXU

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management and practice, emotional and persuasion design, and storytelling, narrative and fiction in DUXU.

This book presents a comprehensive overview of the various aspects for the development of smart cities from a European perspective. It presents both theoretical concepts as well as empirical studies and cases of smart city programs and their capacity to create value for citizens. The contributions in this book are a result of an increasing interest for this topic, supported by both national

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governments and international institutions. The book offers a large panorama of the most important aspects of smart cities evolution and implementation. It compares European best practices and analyzes how smart projects and programs in cities could help to improve the quality of life in the urban space and to promote cultural and economic development.

European and Asian Experiences
Governare i sistemi locali nella società dell'informazione
Località in movimento

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Human Smart Cities

The Definitive Guide to Growing Marijuana
for Recreational and Medical Use

Service Engineering

Smart City

L'avvento della società dell'informazione,
caratterizzata da un intenso scambio locale-globale
e dall'inspessirsi di reti che consentono agli attori
sociali di relazionarsi e interagire non più solo su
base territoriale, ma anche nello "spazio dei flussi",
ha accelerato i processi di trasformazione della
società e dell'economia in atto su scala locale,

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causando frammentazione e rendendo sempre più ardui i tentativi delle architetture di government prodotte dagli Stati nazionali di contenere le dinamiche locali all'interno di confini amministrativi (orizzontali e scalari) prefissati. Questo saggio intende avviare una riflessione sui confini operativi dei sistemi locali, analizzando le nuove modalità fluide in cui si esprime il rapporto tra l'attività umana e i luoghi e i nuovi equilibri di regolazione che, spontaneamente o intenzionalmente, si stanno saldando nel territorio, al fine di individuare forme di governance che sostengano l'azione collettiva e

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rafforzino le identità locali messe a rischio dall'accresciuta mobilità delle persone, delle filiere e delle conoscenze.

The lives of people with disabilities are complex and various, and there are many situations where technology - particularly assistive technology - already makes a real difference. It is clear that smart phone and tablet computer based solutions continue to enhance the independence of many users, but it is also important that more traditional assistive technologies and services are not forgotten or neglected. This book presents the

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proceedings of the 14th conference of the Association for the Advancement of Assistive Technology in Europe (AAATE 2017) entitled: 'Harnessing the power of technology to improve lives', held in Sheffield, UK, in September 2017. This 4-day event about assistive technologies (AT) highlights the association's interest in innovating not only technology, but also services, and addresses the global challenge of meeting the needs of the increasing number of people who could benefit from assistive technology. The 200+ papers in the book are grouped under 30 subject

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headings, and include contributions on a wide range of topical subjects, including aging well and dementia; care robotics; eHealth and apps; innovations; universal design; sport; and disordered speech. The breadth of the AAATE conference reflects people's life needs and so the book is sure to contain something of interest to all those whose work involves the design, development and use of assistive technology, whatever the situation. The photo on the front cover illustrates the breadth of assistive technologies that can improve lives. Photographer:

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Simon Butler.

This book explores how the concept of urban experimentation is being used to reshape practices of knowledge production in urban debates about resilience, climate change governance, and socio-technical transitions. With contributions from leading scholars, and case studies from the Global North and South, from small to large scale cities, this book suggests that urban experiments offer novel modes of engagement, governance, and politics that both challenge and complement conventional strategies. The book is organized

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around three cross-cutting themes. Part I explores the logics of urban experimentation, different approaches, and how and why they are deployed. Part II considers how experiments are being staged within cities, by whom, and with what effects? Part III examines how entire cities or groups of cities are constructed as experiments. This book seeks to contribute a deeper and more socially and politically nuanced understanding of how urban experiments shape cities and drive wider changes in society, providing a framework to examine the phenomenon of urban experimentation in

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conceptual and empirical detail.

To download an e-inspection copy click [here](#) or for more information contact your local sales representative. Saks and Allsop's *Researching Health* offers a comprehensive introduction to research methods for health care students and practitioners. The new third edition includes important theoretical updates, and further international content, with contributors covering a number of specialisms and providing perspectives on core topics from the UK, Italy, Japan, New Zealand, Portugal, Canada, and Spain. There are 6

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NEW chapters on: Principles of Health Research
Methods of Sampling in Qualitative Health
Research Qualitative Data Analysis and Health
Research Researching Health Care Management
Using Secondary Data Online Research in Health
Disseminating and Evaluating Health Research The
book is supported by case studies, end-of-chapter
exercises, annotated further reading, and access to
online resources for both students and lecturers,
consisting of SAGE journal articles, web links,
PowerPoint slides, and teaching notes for each
chapter.

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Sustainability on University Campuses: Learning,
Skills Building and Best Practices
A Catalogue of Good Practices

Current Issues and Emerging Practices
Transforming City Governments for Successful
Smart Cities
Mapping The Future
City Logistics

***This book is one out of 8 IAEG XII Congress
volumes and deals with climate change
affecting different natural processes and***

environments, such as slope dynamics, water courses, coastal and marine environments, hydrological and littoral processes and permafrost terrain. Due to climate change, major effects are also expected on territorial planning and infrastructure, particularly in extreme climate regions. The volume and its contents aim to analyze the role of engineering geology and the solutions it may offer with respect to the ongoing environmental changes. Contributions regard the modeling of both the factors and

the effects induced by climate change. Potential impacts of the climate change on the common practice and routine work of engineering geologists are also analyzed, with particular attention to the risk assessment and mitigation procedures and to the adaptation measures adopted. The Engineering Geology for Society and Territory volumes of the IAEG XII Congress held in Torino from September 15-19, 2014, analyze the dynamic role of engineering geology in our changing world and build on the four main themes of the congress:

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environment, processes, issues and approaches. The congress topics and subject areas of the 8 IAEG XII Congress volumes are: Climate Change and Engineering Geology. Landslide Processes. River Basins, Reservoir Sedimentation and Water Resources. Marine and Coastal Processes. Urban Geology, Sustainable Planning and Landscape Exploitation. Applied Geology for Major Engineering Projects. Education, Professional Ethics and Public Recognition of Engineering Geology. Preservation of Cultural Heritage.

Digital Participation through Social Living Labs Valuing Local Knowledge, Enhancing Engagement Chandos Publishing

В монографии рассмотрены теоретико-методологические основы и предпосылки развития сетевых форм организации экономики, раскрыт организационно-экономический механизм развития региональных бизнес-сетей и предложен методологический подход к организации сетевого сотрудничества на микроуровне, представлен порядок формирования интегрированной цепи поставок и

организации сетевого взаимодействия в мясоперерабатывающей отрасли промышленности Республики Беларусь. Издание предназначено для преподавателей, аспирантов, магистрантов и студентов экономических специальностей, а также руководителей и специалистов предприятий различных отраслей национальной экономики, заинтересованных в развитии сетевых форм организации экономики.
Although there is an ever increasing demand for new technology and innovations

in the economy and society in general, we currently know little about the conditions for stimulating creativity in relation to research and innovative activity. This book fills a significant gap in the literature by examining the environmental factors that encourage creative working processes for research and innovation.

Dimensions of Circularity for Healthy Metabolisms

The Benefits of Plant Extracts for Human Health

Regenerative Territories

Engineering Geology for Society and Territory - Volume 1

Trade, Tariffs and Nationalism in Republican China, 1927-1945

Innovative Methods in Logistics and Supply Chain Management

Lessons Learned in Community Engagement Within the Responsible Research and Innovation Framework

This book presents cutting-edge work on innovative planning methodologies, tools and experiences aimed at supporting the transition of our cities and regions towards a more smart

and sustainable dimension. This book comprises a selection of the best papers presented at the international conference “Smart and Sustainable Planning for Cities and Regions 2015”, held in November 2015 in Bolzano, Italy. Contributions from different research fields within urban and regional planning from the scientific as well as the professional community are presented: energy planning for cities and regions, how to couple the energy-climate goals with the development or renovation of the built environment and how to tackle the vulnerability to climate change; smart and sustainable technologies, big data,

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integrated infrastructures and mobility management, from holistic geospatial tools to innovative apps and Internet of Things; benefits, costs and opportunities of urban transition toward a more smart and sustainable dimension, accounting and assessment of values and trade-offs within the decision making processes; governance for smart and sustainable growth, fostering place-based policy-making, active and effective stakeholders' participation, co-production and public-private partnerships; cooperation and demonstration projects: their role in fostering the adoption of new approaches and

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technologies, towards the development of win-win solutions.

Increasing depopulation is causing huge problems for rural communities, leading to a reduction in services and infrastructure in areas with ageing populations. This book examines the concept of the Smart Village, an ICT-conscious integrated strategy which provides a sustainable solution to these problems, helping to revitalize rural areas.

The book discusses the concept of the smart city, and is based on a multi-service and multi-sectoral approach to urban planning, including various urban functions and the human capital

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of cities. The work is divided into three parts. The first is an introductory section which covers definitions, policies and tools used at European level for the development and classification of a smart city. The second presents a selection of examples of Western and Eastern communities, which experienced technologies and strategies that have made them smart. The third describes in detail the main three possible approaches (economical, technological and social) to the smart city concept which are the focus ambits of the holistic concept of smart city. The work provides a good overview of the concept of smart city, and also offers a critical analysis of

the various approaches to smart cities, in order to provide tools to develop solutions that address the smart development of cities with an approach as multi-sectoral as possible. Its accessible language and several examples make the book easy to read and appealing to public administrators, students, planners and researchers.

Das Buch beleuchtet aktuelle Herausforderungen des Service Engineerings und zeigt dessen Entwicklung im Kontext digitaler Service-Systeme sowie Chancen und Möglichkeiten, die digitale Dienstleistungsangebote und vernetzte

Lösungen bieten. Wissenschaftliche Ausführungen werden durch praxisorientierte Beispiele, welche die Anwendung der Lösungsansätze und Methoden demonstrieren, ergänzt. Damit betrachten die Autoren dieses Sammelbands einerseits die Evolution der systematischen Dienstleistungsentwicklung in Theorie und Praxis und stellen andererseits aktuelle Forschungsthemen und Entwicklungstendenzen vor. Dazu ziehen die Herausgeber Arbeiten der Partner des Forschernetzwerkes FOKUS Service Engineering heran. Die Beiträge sprechen sowohl Wissenschaftler als auch Vertreter der Praxis

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an.

Universities as Living Labs for Sustainable Development

How to Create Public and Economic Value with High Technology in Urban Space

**4th International Conference, DUXU 2015, Held as Part of HCI International 2015, Los Angeles, CA, USA, August 2-7, 2015, Proceedings, Part I
Experimenting with City Futures**

Euroregions, Excellence and Innovation Across EU Borders

**Сетевые формы организации экономики
Disruptive Technology: Concepts, Methodologies, Tools, and Applications**

All cities face a pressing challenge - how can they provide economic prosperity and social cohesion while achieving environmental sustainability? In response, new collaborations are emerging in the form of urban living labs - sites devised to design, test and learn from social and technical innovation in real time. The aim of this volume is to examine, inform and advance the governance of sustainability transitions through urban living labs. Notably, urban

living labs are proliferating rapidly across the globe as a means through which public and private actors are testing innovations in buildings, transport and energy systems. Yet despite the experimentation taking place on the ground, we lack systematic learning and international comparison across urban and national contexts about their impacts and effectiveness. We have limited knowledge on how good practice can be scaled up to achieve the

transformative change required. This book brings together leading international researchers within a systematic comparative framework for evaluating the design, practices and processes of urban living labs to enable the comparative analysis of their potential and limits. It provides new insights into the governance of urban sustainability and how to improve the design and implementation of urban living labs in order to realise their

potential.

Articoli di F. Perrelli, L. Flaszen, A. Attisani, G. Lughi, A. Pizzo, A. Valle, A. Lieto, R. Damiano, V. Michielon, V. Lombardo, N. Guardini, A. Olivero, E. Marinai, L. Lanera, R. Spagnulo, M. Giacobbe Borelli, G. Randone, V. Di Vita.

When cannabis growers have questions about their crop, they turn to this bible. With over 55,000 original copies sold, this second edition delivers even more tips, and is fully illustrated and updated with

a new section on organics. Greg Green offers methods on how to maximise yield and potency, whilst blending a solid understanding of marijuana botany with practical advice on the day-to-day demands of maintaining a garden. It also covers everything from the best plant genetics to protecting crops from pests and prying eyes.

Civil security is an increasingly important policy field in Europe, as both Member States and the EU work to

protect European societies from a range of threats and risks including natural and man-made disasters as well as terrorist attacks. Over time, each European country has developed a unique civil security system based on its national specificities, which interacts with both neighbour countries and the Union. This research paper analyses the Italian case on the basis of four analytical dimensions: cultural and historical aspects, legal aspects, the

relation between the civil security system and citizens, the role of private sector. Three critical qualitative measures of the system are also discussed: effectiveness, efficiency and legitimacy. In addition, because of the importance of international cooperation and EU role in this field, the relations between the Italian security system and the European context are addressed. Specific attention has been devoted to the way the system responded to the earthquake in L'Aquila

and the pandemic influenza A (H1N1), both occurred in 2009, as major crises faced in the last decade. In particular, the L'Aquila case study has underlined both strengths and weaknesses of the way the system does function. Several key points of the Italian civil security system have been identified, such as the flexible cooperation among institutional actors, the issue of levels of governance, the role of changing legal frameworks, the contribution of non-profit

organizations.

**Smart and Sustainable Planning for
Cities and Regions**

**Climate Change and Engineering Geology
Digital Participation through Social
Living Labs**

**The Italian Civil Security System
Present and Emerging Waste
Management Practices**

**Transboundary Conservation
Results of SSPCR 2015**

Conservation International has been instrumental in

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raising awareness and concern about the most environmentally endangered regions and animals throughout the world with its publication of high-quality volumes that combine breathtaking photography with expert scientific analysis. Continuing in this distinguished tradition, Conservation International offers here a new, lushly illustrated volume that examines transboundary conservation areas—environmentally endangered regions that sprawl across international borders and contain multiple protected areas. Recent studies estimate that there are now 188 transboundary conservation areas in 112 countries, making up about 17 percent of the

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designated protected areas around the world. This book specifically examines 28 of these areas, found across all continents, from Asia to Antarctica, and in several oceans. Eminent scientists and conservationists contribute detailed histories of the areas, from the birth of the initial conservation efforts to the latest research that reveals new regions and assesses the success of the programs to protect existing ones. Accompanying the analyses are Conservation International's trademark vibrant full-color photographs that powerfully document these rapidly disappearing treasures. Following in the footsteps of Hotspots, Wilderness, Wildlife Spectacles, and Hotspots

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Revisited, Transboundary Conservation is an essential resource for all those concerned about the future of our environment.

This book fills an important gap in the literature, and presents contributions from scientists and researchers working in the field of sustainable development who have engaged in dynamic approaches to implementing sustainability in higher education. It is widely known that universities are key players in terms of the implementation and further development of sustainability, with some having the potential of acting as “living labs” in this rapidly growing field. Yet there are virtually no

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publications that explore the living labs concept as it relates to sustainability, and in an integrated manner. The aims of this book, which is an outcome of the “4th World Symposium on Sustainable Development at Universities” (WSSD-U-2018), held in Malaysia in 2018, are as follows: i. to document the experiences of universities from all around the world in curriculum innovation, research, activities and practical projects as they relate to sustainable development at the university level; ii. to disseminate information, ideas and experiences acquired in the execution of projects, including successful initiatives and good practice; iii. to introduce and discuss

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methodological approaches and projects that seek to integrate the topic of sustainable development in the curricula of universities; and iv. to promote the scalability of existing and future models from universities as living labs for sustainable development. The papers are innovative, cross-cutting and many reflect practice-based experiences, some of which may be replicable elsewhere. Also, this book, prepared by the Inter-University Sustainable Development Research Programme (IUSDRP) and the World Sustainable Development Research and Transfer Centre (WSD-RTC), reinforces the role played by universities as living labs for sustainable

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development.

Based on good practices in OECD and partner countries, this report analyses the state of play of procurement for innovation and provides a flexible framework focusing on 9 areas to promote it.

This book focuses on Public Procurement for Innovation. Public Procurement for Innovation is a specific demand-side innovation policy instrument. It occurs when a public organization places an order for a new or improved product to fulfill certain need

*Valuing Local Knowledge, Enhancing Engagement
Design, User Experience, and Usability: Design*

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Discourse

Concepts, Methodologies, Tools, and Applications

Public Procurement for Innovation

No Great Wall

*Perspectives on Urban Sustainability in Europe and
China*

The Experimental City

Digital Participation through Social Living Labs connects two largely separate debates: On the one hand, high speed internet access and associated technologies are often heralded as a means to bring about not only connectivity, but also

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innovation, economic development, new jobs, and regional prosperity. On the other hand, community development research has established that access by itself is necessary but not sufficient to foster digital participation for the broadest possible range of individuals. Edited by leading scholars from the fields of education, youth studies, urban informatics, librarianship, communication technology, and digital media studies, this book is positioned as a link to connect these debates. It brings together an international collection of empirically grounded case studies by researchers

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and practitioners from diverse backgrounds. They advance knowledge that fosters digital participation by identifying the specific digital needs, issues and practices of different types of communities as they seek to take advantage of access to digital technologies. Collectively, these cases propose new ways for enabling residents to develop their digital confidence and skills both at home and in their local community, particularly through a 'social living labs' approach. The book is organised around key focus areas: digital skills enhancement, youth entrepreneurship, connected

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learning, community digital storytelling, community-led digital initiatives and policy development. Highlights that high speed internet is necessary that high speed internet access is necessary but not sufficient to resolve digital divides and foster social inclusion; Brings together international, empirically grounded case studies to identify digital needs, issues and practices of different communities, and contextualises these with expert comment; Presents contributions from multiple disciplines, with most chapters incorporating more than one disciplinary

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background; Gives insight on the place of the digital in contemporary society; Illustrates the innovative potential of social living labs to foster digital learning and participation in a variety of community contexts.

Advanced Zero Waste Tools: Present and Emerging Waste Management Practices, Volume One in the Concepts of Advanced Zero Waste Tools series addresses the fundamental principles of zero waste that encourages the redesign of resource lifecycles so that products are reused. By promoting reuse and recycling, as well as

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prevention and product designs that consider the entire product lifecycle, the zero waste philosophy advocates for sustainability and environmental management and protection. This book takes the first step toward addressing the tools needed to implement zero waste, both on a practical and conceptual scale. In addition to environmental and engineering principles, the book also covers economic, toxicologic and regulatory issues, making it an important resource for researchers, engineers and policymakers working toward environmental sustainability. Uses fundamental,

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interdisciplinary and state-of-the-art coverage of zero waste research to provide an integrated approach to tools, methodology and indicators Covers current challenges, design and manufacturing technology, and sustainability applications Includes up-to-date references and web resources at the end of each chapter, as well as a webpage dedicated to providing supplementary information

Within the most recent discussion on smart cities and the way this vision is affecting urban changes and dynamics, this book explores the interplay

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between planning and design both at the level of the design and planning domains' theories and practices. Urban transformation is widely recognized as a complex phenomenon, rich in uncertainty. It is the unpredictable consequence of complex interplay between urban forces (both top-down or bottom-up), urban resources (spatial, social, economic and infrastructural as well as political or cognitive) and transformation opportunities (endogenous or exogenous). The recent attention to Urban Living Lab and Smart City initiatives is disclosing a promising bridge

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between the micro-scale environments, with the dynamics of such forces and resources, and the urban governance mechanisms. This bridge is represented by those urban collaborative environments, where processes of smart service co-design take place through dialogic interaction with and among citizens within a situated and cultural-specific frame.

This open access book provides new perspectives on circular economy and space, explored towards the definition of regenerative territories characterised by healthy metabolisms. Going

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beyond the mere reuse/recycle of material waste as resources, this work aims to understand how to apply circularity principles to, among others, the regeneration of wastescapes. The main focus is the development over time, and in particular the way how spatial planning and strategies respond to new unpredictable urgencies and opportunities related with territorial metabolisms. The book specifically focuses on living labs environments, where it is possible to tackle complex problems through a multidisciplinary and multi-stakeholder approach - including the use of digital spatial

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decision support environment – which could be able to include all the involved stakeholders. Through a spatial scope of circularity, this book describes several examples including among others ideas from different contexts such as Italy, The Netherlands, Belgium and Vietnam. Through including reflections on methodology and representation, as well as on solutions for circular and healthy metabolisms, the book provides an excellent resource to researchers and students.

Living Labs

A New Vision for Protected Areas

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Smart Villages in the EU and Beyond

Urban Living Labs

Rethinking the Interplay between Design and
Planning

Harnessing the Power of Technology to Improve
Lives

OECD Public Governance Reviews Public
Procurement for Innovation Good Practices and
Strategies

**This book presents the results of a multi-annual
project with sustainable Living Labs in the United
Kingdom, Sweden, Germany and the Netherlands.**

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Living Labs – as initiated by the authors – have proved to be very promising research, design, co-creation and communication facilities for the development and implementation of sustainable innovations in the home. The book provides an inspiring introduction to both the methodology and business modelling for the Living Lab facilities. Understanding daily living at home is key to designing products and services that support households in their transition to more sustainable lifestyles. This book not only explores new ways of gaining insights into daily practices, but also discusses developing and testing design methods

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to create sustainable solutions for households. These new methods and tools are needed because those available are either ineffective or cause rebound-effects. Intended for researchers and designers with an interest in the transition to sustainable lifestyles, it also appeals to company leaders interested in new ways of developing sustainable innovations and offers suggestions for effectively applying Living Labs for sustainable urban development.

This book represents an applied, up-to-date work on RRI developments and their potential positive impact on societies. The societal challenges of the

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21st century require the ability to integrate the knowledge and expertise of different societal actors, using more innovative, efficient and open approaches. Educational methodologies are in perpetual development in their attempt to provide tentative answers to three ever-changing digital age challenges: the challenge of speed, the challenge of form/at and the challenge of persistency. The current book aims to address these issues by presenting relevant case studies in the field of art, science and giving value to territory that, by the means of projects and initiatives using RRI consistent methodologies, have succeeded in their

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attempt to: preserve and valorise cultural heritage by using digital storytelling or crowddreaming methodology, develop educational strategies grounded on RRI and Open Schooling principles, contribute to new ways of thinking in the school environment by using RRI and promote gender equality and stimulate critical reflections on women's role in science by the means of storytelling and RRI concepts.

Les innovations sociales, à la manière de bougies d'allumage, engendrent des actions collectives qui proposent des solutions différentes de celles des pratiques dominantes aptes à générer la

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transformation sociale. Cet ouvrage expose les enjeux que pose la transformation sociale par l'innovation sociale et les documente par des illustrations ciblées sur des thématiques ou des expériences précises.

This book, an in-depth study of Nationalist tariff policy, fundamentally challenges the widely accepted idea that the key to the Communist seizure of power in China lay in the incompetence of Chiang Kai-shek's Nationalist government. It argues instead that during the second Sino-Japanese War, China's international trade, the Nationalist government's tariff revenues, and hence its fiscal policy and state-

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making project all collapsed. Because tariffs on China's international trade produced the single greatest share of central government revenue during the Nanjing decade, the political existence of the Nationalist government depended on tariff revenue. Therefore, Chinese economic nationalism, both at the official and popular levels, had to be managed carefully so as not to jeopardize the Nationalist government's income. Until the outbreak of war in 1937, the Nationalists' management of international trade and China's government finances was largely successful in terms of producing increasing and sustainable revenues. Within the

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first year of war, however, the Nationalists lost territories producing 80 percent of tariff revenue. Hence, government revenue declined just as war-related expenditure increased, and the Nationalist government had to resort to more rapacious forms of revenue extraction--a decision that had disastrous consequences for both its finances and its political viability.

Mimesis Journal vol. 3, n. 2

Scrittura della performance

Qualitative, Quantitative and Mixed Methods

La transformation sociale par l'innovation sociale

The Influences on Creativity in Research and

Innovation

Towards Innovative Freight and Logistics

Western and Eastern Intelligent Communities

There has been much attention paid to the idea of Smart Cities as researchers have sought to define and characterize the main aspects of the concept, including the role of creative industries in urban growth, the importance of social capital in urban development, and the role of urban sustainability. This book develops a critical view of the Smart City concept, the incentives and role of governments in promoting the development of Smart Cities and the

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analysis of experiences of e-government projects addressed to enhance Smart Cities. This book further analyzes the perceptions of stakeholders, such as public managers or politicians, regarding the incentives and role of governments in Smart Cities and the critical analysis of e-government projects to promote Smart Cities' development, making the book valuable to academics, researchers, policy-makers, public managers, international organizations and technical experts in understanding the role of government to enhance Smart Cities' projects. The world's population is currently undergoing a

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significant transition towards urbanisation, with the UN expecting that 70% of people globally will live in cities by 2050. Urbanisation has multiple political, cultural, environmental and economic dimensions that profoundly influence social development and innovation. This fundamental long-term transformation will involve the realignment of urban society's technologies and infrastructures, culture and lifestyles, as well as governance and institutional frameworks. Such structural systemic realignments can be referred to as urban sustainability transitions: fundamental and structural changes in urban systems through which

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persistent societal challenges are addressed, such as shifts towards urban farming, renewable decentralised energy systems, and social economies. This book provides new insights into how sustainability transitions unfold in different types of cities across the world and explores possible strategies for governing urban transitions, emphasising the co-evolution of material and institutional transformations in socio-technical and socio-ecological systems. With case studies of mega-cities such as Seoul, Tokyo, New York and Adelaide, medium-sized cities such as Copenhagen, Cape Town and Portland, and

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nonmetropolitan cities such as Freiburg, Ghent and Brighton, the book provides an opportunity to reflect upon the comparability and transferability of theoretical/conceptual constructs and governance approaches across geographical contexts. Urban Sustainability Transitions is key reading for students and scholars working in Environmental Sciences, Geography, Urban Studies, Urban Policy and Planning.

Reading this book will lead to new insights compelling to an international audience into how cities address the sustainability challenges they face. They do this by

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not repeating old patterns but by searching for new and innovative methods and instruments based on shared principles of a transitions approach. The book describes the quest of cities on two continents to accelerate and stimulate such a transition to sustainability. The aim of the book is twofold: to provide insights into how cities are addressing this challenge conceptually and practically, and to learn from a comparison of governance strategies in Europe and Asia. The book is informed by transition thinking as it was developed in the last decade in Europe and as it is increasingly being applied in Asia. The

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analytical framework is based on principles of transition management, which draws on insights from complexity science, sociology, and governance theories. Only recently this approach has been adapted to the urban context, and this book is an opportunity to share these experiences with a wider audience. For scholars this work offers a presentation of recent state-of-the-art theoretical developments in transition governance applied to the context of cities. For urban planners, professionals, and practitioners it offers a framework for understanding ongoing developments as well as methods and instruments for

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dealing with them. The content is potentially appealing to post-graduate and graduate students of environmental management, policy studies, and urban studies programs.

Von Dienstleistungen zu digitalen Service-Systemen

Design and Assessment of Sustainable Living

Urban Sustainability Transitions

Creative Knowledge Environments

Good Practices and Strategies

Governance of Urban Sustainability Transitions