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Open Access Apr 17 2022 Using geographic information systems (GIS), government agencies are letting citizens see their neighbourhoods and communities with new eyes - letting them pan and zoom across city maps, choose from myriad layers of data, and combine those maps and layers for customized analysis. Their constituents are using interactive GIS on the web to create their own crime maps, to compare property values, to find the nearest polling place, to assess environmental hazards, and to investigate in detail where the choicest economic development opportunities lie.

The Fiscal System and the Polluter Pays Principle Sep 22 2022 This work sets out to examine the Irish fiscal system of taxing industrial polluters, and how polluters respond to conflicting subsidies for growth and taxes for pollution. The system is evaluated, and improvements suggested, focusing on the environmental implications of the fiscal system.

Policy Failures and the Irish Economic Crisis Jan 22 2020 This book seeks to understand why almost all commentators on the Irish economy were unprepared for the scale of the recent economic crisis. It analyses the public contributions from a broad range of observers, including domestic and international agencies, academics, the newspapers and politicians. This approach gives new insights into the analytical and institutional shortfalls that inhibited observers from recognising the degree of the risk. The book demonstrates that most commentators were either impeded in what they could say, or else lacked the expertise to challenge the prevailing view. The findings have significant implications for a broad range of institutions, particularly the media and the Oireachtas (the Irish Parliament).

Ireland at Work Mar 04 2021 Providing an understanding of the forces that led to the transformation of the Irish economy between 1987 and 1997, this text analyzes changes in the labour market, where gains in employment have been so great that emigration has ceased and the population has again reached a high level.

Our Towns Oct 11 2021 NATIONAL BEST SELLER • The basis for the HBO documentary now streaming on HBO Max For five years, James and Deborah Fallows have travelled across America in a single-engine prop airplane. Visiting dozens of towns, the America they saw is acutely conscious of its problems—from economic dislocation to the opioid scourge—but it is also crafting solutions, with a practical-minded determination at dramatic odds with the bitter paralysis of national politics. At times of dysfunction on a national level, reform possibilities have often arisen from the local level. The Fallows describe America in the middle of one of these creative waves. Their view of the country is as complex and contradictory as America itself, but it also reflects the energy, the generosity and compassion, the dreams, and the determination of many who are in the midst of making things better. Our Towns is the story of their journey—and an account of a country busy remaking itself.

The Entrepreneurial Society Feb 03 2021 This open access book is an outcome of the EU's Horizon 2020 project 'Financial and Institutional Reforms for an Entrepreneurial Society' (FIRES). Building on historical, economic and legal analysis, and combining methods and data across disciplines, the authors provide policymakers, stakeholders and scholars with valuable new tools for assessing and improving Europe's entrepreneurial ecosystems. Then experts from Germany, Italy and the United Kingdom discuss tailored strategies for introducing entrepreneurial policy reforms in their respective countries.

Estimating Impact Feb 15 2022 Sociological theories of crime include: theories of strain blame crime on personal stressors; theories of social learning blame crime on its social rewards, and see crime more as an institution in conflict with other institutions rather than as individual deviance; and theories of control look at crime as natural and rewarding, and explore the formation of institutions that control crime. Theorists of corruption generally agree that corruption is an expression of the Patron-Client relationship in which a person with access to resources trades resources with kin and members of the community in exchange for loyalty. Some approaches to modeling crime and corruption do not involve an explicit simulation: rule based systems; Bayesian networks; game theoretic approaches, often based on rational choice theory; and Neoclassical Econometrics, a

rational choice-based approach. Simulation-based approaches take into account greater complexities of interacting parts of social phenomena. These include fuzzy cognitive maps and fuzzy rule sets that may incorporate feedback; and agent-based simulation, which can go a step farther by computing new social structures not previously identified in theory. The latter include cognitive agent models, in which agents learn how to perceive their environment and act upon the perceptions of their individual experiences; and reactive agent simulation, which, while less capable than cognitive-agent simulation, is adequate for testing a policy's effects with existing societal structures. For example, NNL is a cognitive agent model based on the REPAST Symphony toolkit.

Spatial Portals Dec 13 2021 This book discusses spatial portals; Web sites designed to simplify searching, accessing, and using geographic information found on the World Wide Web. The author says that spatial portals have revolutionized how knowledge about the world is managed, stored, shared and used. He notes that "spatial portals allow us to access a network of information that spans the globe, discover information held by others, and present and share our own ideas, plans and solutions." -- from Introduction.

Rivers of the Anthropocene Jun 07 2021 At publication date, a free ebook version of this title will be available through Luminos, University of California Press's Open Access publishing program. Visit www.luminosoa.org to learn more. This exciting volume presents the work and research of the Rivers of the Anthropocene Network, an international collaborative group of scientists, social scientists, humanists, artists, policy makers, and community organizers working to produce innovative transdisciplinary research on global freshwater systems. In an attempt to bridge disciplinary divides, the essays in this volume address the challenge in studying the intersection of biophysical and human sociocultural systems in the age of the Anthropocene, a new geological epoch of humans' own making. Featuring contributions from authors in a rich diversity of disciplines—from toxicology to archaeology to philosophy—this book is an excellent resource for students and scholars studying both freshwater systems and the Anthropocene.

An Intelligent Person's Guide to Modern Ireland Sep 29 2020 Defines the nature of the ideology which fuelled the drive to modernization, charts the progress of the policies which brought it to fruition, and reveals how Ireland recreated itself culturally, politically, spiritually and economically.

Impact of Transport Infrastructure Investment on Regional Development Jul 28 2020 Faced with increased constraints in financing transport infrastructure, governments need evaluation methods for project appraisals which enable their resources to be allocated in the most efficient way, i.e. with maximum net return to society as a whole. The report summarizes comprehensive study on current evaluation studies in OECD member countries with an aim to find empirical evidence on wider impacts of transport infrastructure investment on regional development and to develop guidance for governments and transport administrations on how to identify such impacts and include them in appraisal methodologies.--Publisher's description.

GIS Jan 14 2022 This fully updated edition of *Geographic Information Systems: A Visual Approach* offers a comprehensive introduction to the application of GIS concepts. The unique layout provides clear, highly intuitive graphics and corresponding concept descriptions. This invaluable reference is ideal for experienced professionals as well as new readers.

Youth Unemployment and Employment Policy Feb 21 2020 This text discusses in depth the youth unemployment problem and examines the various policy responses to it, including education and training, and active labour market policy. The book offers specific recommendations for this age group in industrialized, transition and developing countries.

Architectural Research Methods May 06 2021 A practical guide to research for architects and designers—now updated and expanded! From searching for the best glass to prevent glare to determining how clients might react to the color choice for restaurant walls, research is a crucial tool that architects must master in order to effectively address the technical, aesthetic, and behavioral issues that arise in their work. This book's unique coverage of research methods is specifically targeted to help professional designers and researchers better conduct and understand research. Part I explores basic research issues and concepts, and includes chapters on relating theory to method and design to research. Part II gives a comprehensive treatment of specific strategies for investigating built forms. In all, the book covers seven types of research, including historical, qualitative, correlational, experimental, simulation, logical argumentation, and case studies and mixed methods. Features new to this edition include: Strategies for investigation,

practical examples, and resources for additional information A look at current trends and innovations in research Coverage of design studio-based research that shows how strategies described in the book can be employed in real life A discussion of digital media and online research New and updated examples of research studies A new chapter on the relationship between design and research Architectural Research Methods is an essential reference for architecture students and researchers as well as architects, interior designers, landscape architects, and building product manufacturers.

What Should Schools Teach? Apr 24 2020 The design of school curriculums involves deep thought about the nature of knowledge and its value to learners and society. It is a serious responsibility that raises a number of questions. What is knowledge for? What knowledge is important for children to learn? How do we decide what knowledge matters in each school subject? And how far should the knowledge we teach in school be related to academic disciplinary knowledge? These and many other questions are taken up in *What Should Schools Teach?* The blurring of distinctions between pedagogy and curriculum, and between experience and knowledge, has served up a confusing message for teachers about the part that each plays in the education of children. Schools teach through subjects, but there is little consensus about what constitutes a subject and what they are for. This book aims to dispel confusion through a robust rationale for what schools should teach that offers key understanding to teachers of the relationship between knowledge (what to teach) and their own pedagogy (how to teach), and how both need to be informed by values of intellectual freedom and autonomy. This second edition includes new chapters on Chemistry, Drama, Music and Religious Education, and an updated chapter on Biology. A revised introduction reflects on emerging discourse around decolonizing the curriculum, and on the relationship between the knowledge that children encounter at school and in their homes.

GIS Worlds Apr 05 2021 In describing the emergence of the spatial data infrastructure (SDI) phenomenon, this book covers the diffusion and evolution of SDIs around the world, and indicates the countries in which SDIs are far along, and those in which more work is needed. The implementation of SDIs from a practical perspective and a method of institution building for regional, continental, and global SDIs is outlined. This guide offers recommendations about how SDI stakeholders around the world can leverage the work already done and maintain the momentum that is currently driving the global SDI phenomenon.

Quarterly Economic Commentary May 18 2022

Making Better Policies for Food Systems Jan 02 2021 Food systems around the world face a triple challenge: providing food security and nutrition for a growing global population; supporting livelihoods for those working along the food supply chain; and contributing to environmental sustainability. Better policies hold tremendous promise for making progress in these domains.

Mastering ArcGIS Nov 24 2022

Exploiting Intellectual Property To Promote Innovation And Create Value Mar 16 2022 There are two traditional views of the role of intellectual property (IP) within the field of innovation management: in innovation management research, as an indicator or proxy for innovation inputs or outputs, e.g. patents or licensing income; or in innovation management practice, as a means of protecting knowledge. *Exploiting Intellectual Property to Promote Innovation and Create Value* argues that whilst both of these perspectives are useful, neither capture the full potential contribution of intellectual property in innovation management research and practice. The management of IP has become a central challenge in current strategies of Open Innovation and Business Model Innovation, but there is relatively little empirical work available. Theoretical arguments and empirical research suggest that from both an innovation policy and management perspective, the challenge is to use IP to encourage risk-taking and innovation, and that a broader repertoire of strategies is necessary to create and capture the economic and social benefits of innovation. This book identifies how intellectual property can be harnessed to create and capture value through exploiting new opportunities for innovation. It is organized around three related themes: public policies for IP; firm strategies for IP; and creating value from IP, and offers insights from the latest research on IP strategies and practices to create and capture the economic and social benefits of innovation. Contents: Introduction (Joe Tidd) Public Policies for Intellectual Property: Appropriation and Appropriability in Open Source Software (Linus Dahlander) Formal Institutional Contexts as Ownership of Intellectual Property Rights and Their Implications for the

Organization of Commercialization of Innovations at Universities — Comparative Data from Sweden and the United Kingdom (Peter Lindelöf) *Open for Business: Universities, Entrepreneurial Academics and Open Innovation (Allen T Alexander, Kristel Miller and Sean Fielding)* *Repurposing Pharmaceuticals: Does United States Intellectual Property Law and Regulatory Policy Assign Sufficient Value to New Use Patents? (Thomas A Hemphill)* *Firm Strategies for Intellectual Property: Differences and Similarities Between Patents, Registered Designs and Copyrights: Empirical Evidence from the Netherlands (Mischa C Mol and Enno Masurel)* *Imitation Through Technology Licensing: Strategic Implications for Smaller Firms (Julian Lowe and Peter Taylor)* *Firm Patent Strategies in US Technology Standards Development (Thomas A Hemphill)* *What's Small Size Got to Do with It? Protection of Intellectual Assets in SMEs (Heidi Olander, Pia Hurmelinna-Laukkanen and Jukka Mahonen)* *Knowledge and Intellectual Property Management in Customer-Supplier Relationships (Jaakko Paasi, Tuija Luoma and Katri Valkokari and Nari Lee)* *More than One Decade of Viagra: What Lessons can be Learned from Intellectual Property Rights in the Erectile Dysfunction Market? (Cássia Rita Pereira Da Veiga, Claudimar Pereira Da Veiga, Jansen Maia Del Corso, Eduardo Winter and Wesley Vieira Da Silva)* *Creating Value from Intellectual Property: Intellectual Capital, Innovation and Performance: Empirical Evidence from SMEs (Karl-Heinz Leitner)* *Intellectual Property Appropriation Strategy and Its Impact on Innovation Performance (Sairah Hussain and Mile Terziovski)* *The Role of Patent, Citation and Objection Stocks in the Productivity Analysis of R&D — Using Japanese Company Data (Yasuyuki Ishii)* *Host Location Knowledge Sourcing and Subsidiary Innovative Performance: Examining the Moderating Role of Alterna*

GIS Online Nov 12 2021 *GIS Online is a comprehensive guide for businesses, government agencies, nonprofit organizations, educational institutions, and individuals who want to build a Web site based on GIS and mapping technology, or who simply want to include maps on their sites. The book describes the concepts of distributed geographic information (DGI), the integration of GIS and maps with the Internet, and data sharing, and provides guidance through the planning, development, and maintenance of an effective site.*

GIS for Health Organizations Jan 26 2023 *Lang explores how geographic information systems can help health care administrators plan, understand, and combat problems in the community. These GIS systems develop graphical models between the environmental landscape and the health condition of individuals living in that landscape.*

The Information-literate Historian Dec 21 2019 *This primer for history students will guide them on how to do research to write a research paper, create a website, or do a PowerPoint presentation. It is cutting-edge on how to do research on the Internet and how to differentiate between reliable and unreliable historical information on the Web.*

Urban Services to Ecosystems Jun 26 2020 *The aim of this book is to bring together multidisciplinary research in the field of green infrastructure design, construction and ecology. The main core of the volume is constituted by contributions dealing with green infrastructure, vegetation science, nature-based solutions and sustainable urban development. The green infrastructure and its ecosystem services, indeed, are gaining space in both political agendas and academic research. However, the attention is focused on the services that nature is giving for free to and for human health and survival. What if we start to see things from another perspective? Our actions shall converge for instance to turn man-made environment like cities from heterotrophic to autotrophic ecosystems. From landscape ecology to urban and building design, like bricks of a wall, from the small scale to the bigger landscape scale via ecological networks and corridors, we should start answering these questions: what are the services that are we offering to Nature? What are we improving? How to implement our actions? This book contains three Open Access chapters, which are licensed under the terms of the Creative Commons Attribution 4.0 International License (CC BY 4.0).*

Spatial Thinking in Environmental Contexts Oct 23 2022 *Spatial Thinking in Environmental Contexts: Maps, Archives, and Timelines cultivates the spatial thinking "habit of mind" as a critical geographical view of how the world works, including how environmental systems function, and how we can approach and solve environmental problems using maps, archives, and timelines. The work explains why spatial thinking matters as it helps readers to integrate a variety of methods to describe and analyze spatial/temporal events and phenomena in disparate environmental contexts. It weaves together maps, GIS, timelines, and storytelling as important strategies in examining*

concepts and procedures in analyzing real-world data and relationships. The work thus adds significant value to qualitative and quantitative research in environmental (and related) sciences. Features Written by internationally renowned experts known for taking complex ideas and finding accessible ways to more broadly understand and communicate them. Includes real-world studies explaining the merging of disparate data in a sensible manner, understandable across several disciplines. Unique approach to spatial thinking involving animated maps, 3D maps, GEOMATs, and story maps to integrate maps, archives, and timelines—first across a single environmental example and then through varied examples. Merges spatial and temporal views on a broad range of environmental issues from traditional environmental topics to more unusual ones involving urban studies, medicine, municipal/governmental application, and citizen-scientist topics. Provides easy to follow step-by-step instructions to complete tasks; no prior experience in data processing is needed. GIS for the Urban Environment Sep 10 2021 This introduction to urban planning applications and problem solving with GIS is appropriate for students and professionals in the fields of geography, urban studies, urban planning, urban public health, urban environmental assessment, and hazard and emergency management. Technical jargon is minimized while the analytical concepts are fully described, enabling full use and understanding of GIS techniques. Infused in the included laboratory exercises are real-world activities that are often required in urban GIS projects but rarely included in prepared lab work, such as data acquisition, integrating data into the GIS, and manipulation of real data. Project design and analysis methodologies are also demonstrated with real-life examples of urban GIS projects.

Asian Development Outlook 2018 Aug 29 2020 The annual Asian Development Outlook analyzes economic performance in the past year and offers forecasts for the next 2 years for the 45 economies in Asia and the Pacific that make up developing Asia. Growth prospects in the region are upbeat, buoyed by favorable demand at home and abroad. A strong performance in 2017 reflected a surge in exports, which will likely abate this year and next, and rapidly expanding domestic demand. While the outlook is for steady growth, risks to it are decidedly on the downside: Trade friction could weaken recently deepened trade links, tightening US monetary policy could diminish investment in developing Asia, and rising domestic private debt may hamper growth. New technologies drive higher productivity, the foundation for economic growth, better-paid jobs, and poverty reduction. The latest technologies in robotics and artificial intelligence may threaten some jobs, however, and leave less-skilled workers behind. To maximize gains in productivity while safeguarding social welfare, governments in developing Asia should protect workers but not preserve particular jobs. Meanwhile, they should facilitate the countervailing forces in new technologies that generate new jobs. Dealing with the downsides of new technology requires synchronized effort on skills development, labor regulation, social protection, and income redistribution.

Internet GIS Aug 09 2021 Table of contents

Agent-based Modeling and Simulation in Archaeology Mar 24 2020 Archaeology has been historically reluctant to embrace the subject of agent-based simulation, since it was seen as being used to "re-enact" and "visualize" possible scenarios for a wider (generally non-scientific) audience, based on scarce and fuzzy data. Furthermore, modeling "in exact terms" and programming as a means for producing agent-based simulations were simply beyond the field of the social sciences. This situation has changed quite drastically with the advent of the internet age: Data, it seems, is now ubiquitous. Researchers have switched from simply collecting data to filtering, selecting and deriving insights in a cybernetic manner. Agent-based simulation is one of the tools used to glean information from highly complex excavation sites according to formalized models, capturing essential properties in a highly abstract and yet spatial manner. As such, the goal of this book is to present an overview of techniques used and work conducted in that field, drawing on the experience of practitioners.

Open Source Intelligence Tools and Resources Handbook Oct 31 2020 2018 version of the OSINT Tools and Resources Handbook. This version is almost three times the size of the last public release in 2016. It reflects the changing intelligence needs of our clients in both the public and private sector, as well as the many areas we have been active in over the past two years.

The Global Positioning System and GIS Feb 27 2023 The Global Positioning System and Geographical Information Systems, working in tandem, provide a powerful tool. Recent

developments such as the removal of Selective Availability have not merely made these technologies more accurate but have also opened up a new seam of applications, particularly in location based services. This is a significantly revised and extended new edition of Michael Kennedy's book. *The Global Positioning System and GIS*, is a guide to the use and integration of these powerful technologies, with each topic combining an overview with a step-by-step approach. The book now comes with a set of resources on a CD-ROM, including an instructor's guide, demonstration data and exercises. Many more sets of GIS data are provided with the sample GPS data. It is a straightforward introductory text for students and teachers on GIS/GPS courses. It is also a practical and introductory field manual for mapping science professionals, giving basic practical guidance, particularly to the integrated use of ESRI's GIS software with Trimble's GPS hardware.

Debating Austerity in Ireland May 26 2020 The austerity that followed the recent economic and financial crisis in has led to impassioned debates across the social sciences and the public at large. Although Ireland was not its only victim, the depth of the interacting economic, banking and budgetary crises has meant that the level of public interest has been especially intense. Among the hotly debated questions: what is austerity? Was it necessary? What have been its consequences? One of the defining features of the debate to date has been its tendency to polarise opinion and adopt a one-dimensional perspective. This book challenges us to adopt a more nuanced approach to understandings of austerity, and by extension the path to recovery. The book brings together leading national and international experts from across the social sciences to debate this traumatic period in Ireland's economic and social development. The papers were selected from a conference at the Royal Irish Academy, peer-reviewed and rewritten with the addition of a substantial introduction and conclusion by the editors.

Digital Economies at Global Margins Dec 01 2020 Investigations of what increasing digital connectivity and the digitalization of the economy mean for people and places at the world's economic margins. Within the last decade, more than one billion people became new Internet users. Once, digital connectivity was confined to economically prosperous parts of the world; now Internet users make up a majority of the world's population. In this book, contributors from a range of disciplines and locations investigate the impact of increased digital connectivity on people and places at the world's economic margins. Does the advent of a digitalized economy mean that those in economic peripheries can transcend spatial, organizational, social, and political constraints—or do digital tools and techniques tend to reinforce existing inequalities? The contributors present a diverse set of case studies, reporting on digitalization in countries ranging from Chile to Kenya to the Philippines, and develop a broad range of theoretical positions. They consider, among other things, data-driven disintermediation, women's economic empowerment and gendered power relations, digital humanitarianism and philanthropic capitalism, the spread of innovation hubs, and two cases of the reversal of core and periphery in digital innovation. Contributors Niels Beerepoot, Ryan Burns, Jenna Burrell, Julie Yujie Chen, Peter Dannenberg, Uwe Deichmann, Jonathan Donner, Christopher Foster, Mark Graham, Nicolas Friederici, Hernan Galperin, Catrihel Greppi, Anita Gurumurthy, Isis Hjorth, Lilly Irani, Molly Jackman, Calestous Juma, Dorothea Kleine, Madlen Krone, Vili Lehdonvirta, Chris Locke, Silvia Masiero, Hannah McCarrick, Deepak K. Mishra, Bitange Ndemo, Jorien Oprins, Elisa Oreglia, Stefan Ouma, Robert Pepper, Jack Linchuan Qiu, Julian Stenmanns, Tim Unwin, Julia Verne, Timothy Waema

GIS for Environmental Management Mar 28 2023 Publisher description

Beyond Maps Aug 21 2022 Using the varied case studies, this comprehensive resource looks beyond the mechanics of systems and screens to show how local governments can make geographic information systems true management tools. Case studies provide a framework of understanding of the unique capabilities of GIS. 50 maps.

Carbon-Energy Taxation Jul 08 2021 When taxes are introduced on carbon and energy, and the revenue is used to reduce other taxes, will a positive effect be achieved both for the environment and for the economy? In 1990 Finland was the first country to introduce a tax on CO₂. Later, Sweden, Denmark, Netherlands, Slovenia, Germany and the UK followed suit with tax reforms that shifted taxation from labour to carbon and energy. Over the years, CO₂ and energy taxes have gradually been raised, so that in Europe taxes of more than 25 billion Euros a year have been shifted. This book examines carbon-energy taxation in detail and looks at tax shifting programmes

for lowering other taxes. It offers extensive analysis on the basis of historical data and seeks to answer important questions for policy-making, such as: What was the impact of tax shifting for economic performance and competitiveness? By how much were emissions of CO₂ reduced? Could energy-intensive industries cut further down on their fuel demand or did they lose market shares? To what extent was there 'leakage' from Europe, so that production and CO₂ emissions were shifted to other countries or regions without CO₂-abatement policy? The use of unique and original data, including sector-specific energy prices and taxes, as well as the use of advanced statistical techniques, such as co-integration analysis and panel-regression techniques along with the time-series estimated macro-economic model E3ME, make this a truly comprehensive volume. On the basis of the lessons learned in Europe, this volume indicates how carbon-energy taxation could usefully be combined with emissions trading, and discusses implications for future international climate policy, including how the IPCC recommendations for a gradual escalation in carbon price could be accomplished while preventing carbon leakage.

Cartographica Extraordinaire Dec 25 2022 David Rumsey's collection of historical maps is one of the largest and most complete of its kind. The maps selected for this book "tell a hundred distinct, exciting, important and sometimes controversial stories, along two main paths of inquiry: how did a continental wilderness become a civilization, and how has the development of cartographic science changed the ways we perceive, describe, study and use that land?" - book jacket.

Quantitative Methods and Applications in GIS Jul 20 2022 Quantitative Methods and Applications in GIS integrates GIS, spatial analysis, and quantitative methods to address various issues in socioeconomic studies and public policy. Methods range from basic regression analysis to advanced topics such as linear programming and system of equations. Applications vary from typical themes in urban and regional analysis - trade area analysis, accessibility measures, analysis of regional growth patterns, land use simulation - to issues related to crime and health analyses. The book covers common tasks such as distance and travel time estimation, spatial smoothing and interpolation, and accessibility measures. It also covers the major issues that are encountered in spatial analysis including modifiable areal unit problems, rate estimate of rare events in small populations, and spatial autocorrelation. Each chapter has one subject theme, introduces the method (or a group of related methods) most relevant to the theme, and then uses case studies to implement the method in a GIS environment.

Marine Geography Apr 29 2023 Designed for both experienced marine cartographers and less technically oriented conservationists, this wide-ranging collection of case studies shows how geographic information system (GIS) software is helping professionals study the world's oceans and seas, map various areas of interest, and help preserve marine ecosystems and habitats.

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