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GEOGRAPHY, GRADE 12

STUDY AND MASTER GEOGRAPHY GRADE 11 CAPS STUDY GUIDE

THE IMPACT OF DISASTERS AND CRISES ON AGRICULTURE AND FOOD SECURITY: 2021

Food & Agriculture Org. On top of a decade of exacerbated disaster loss, exceptional global heat, retreating ice and rising sea levels, humanity and our food security face a range of new and unprecedented hazards, such as megafires, extreme weather events, desert locust swarms of magnitudes previously unseen, and the COVID-19 pandemic. Agriculture underpins the livelihoods of over 2.5 billion people - most of them in low-income developing countries -

and remains a key driver of development. At no other point in history has agriculture been faced with such an array of familiar and unfamiliar risks, interacting in a hyperconnected world and a precipitously changing landscape. And agriculture continues to absorb a disproportionate share of the damage and loss wrought by disasters. Their growing frequency and intensity, along with the systemic nature of risk, are upending people's lives, devastating livelihoods, and jeopardizing our entire food system. This report makes a powerful case for investing in resilience and disaster risk reduction - especially data gathering and analysis for evidence informed action - to ensure agriculture's crucial role in achieving the future we want.

LIVING IN MPUMALANGA

SELECTED FINDINGS OF THE 1995 OCTOBER HOUSEHOLD SURVEY

LANDSCAPES AND LANDFORMS OF SOUTH AFRICA

Springer This book presents a beautifully illustrated overview of the most prominent landscapes of South Africa and the distinctive landforms associated with them. It describes the processes, origins and the environmental significance of those landscapes, including their relationships to human activity of the past and present. The sites described in this book include, amongst others, the Blyde River Canyon, Augrabies Falls, Kruger National Park, Kalahari desert landscapes, the Great Escarpment, Sterkfontein caves and karst system, Table Mountain, Cape winelands, coastal dunes, rocky coasts, Boer War battlefield sites, and Vredefort impact structure. Landscapes and Landforms of South Africa provides a new perspective on South Africa's scenic landscapes by considering their diversity, long and short term histories, and importance for geoconservation and geotourism. This book will be relevant to those interested in the geology, physical geography and history of South Africa, climate change and landscape tourism.

PAST CLIMATE VARIABILITY THROUGH EUROPE AND AFRICA

Springer Science & Business Media This book focuses on two complementary time-scales, the Holocene (approximately the last 11,500 years) and the last glacial-interglacial cycle (approximately the last 130,000 years) to synthesize evidence of climate variability at the regional and continental scale across Europe and Africa. This is the first examination of historical climate variations at such a scale, and thus sets a benchmark for future research.

THE PALGRAVE HANDBOOK OF CRITICAL PHYSICAL GEOGRAPHY

Springer This handbook is recognition of the need to better integrate physical and human geography. It combines a collection of work and research within the new field of Critical Physical Geography, which gives critical attention to relations of social power with deep knowledge of a particular field of biophysical science. Critical Physical Geography research accords careful attention to biophysical landscapes and the power relations that have increasingly come to shape them, and to the politics of environmental science and the role of biophysical inquiry in promoting social and environmental justice. The Palgrave Handbook of Critical Physical Geography lays out the scope and guiding principles of Critical Physical Geography research. It presents a carefully selected set of empirical work, demonstrating the range and intellectual strength of existing integrative work in geography research. This handbook is the first of its kind to cover this emerging discipline and will be of significant interest to students and academics across the fields of geography, the environment and sustainability.

A TOOLKIT FOR INTEGRATED VECTOR MANAGEMENT IN SUB-SAHARAN AFRICA

World Health Organization This toolkit for integrated vector management (IVM) is designed to help national and regional program managers coordinate across sectors to design and run large IVM programs. It is an extension of earlier guidance and teaching material provided by WHO: Handbook for integrated vector management, Monitoring and evaluation indicators for integrated vector management, Guidance on policy-making for integrated vector management and Core structure for training curricula on integrated vector management. The toolkit provides the technical detail required to plan, implement, monitor and evaluate an IVM approach. IVM can be used when the aim is to control or eliminate vector-borne diseases and can also contribute to insecticide resistance management. This toolkit provides information on where vector-borne diseases are endemic and what interventions should be used, presenting case studies on IVM as well as relevant guidance documents for reference. The diseases that are the focus of this toolkit are malaria, lymphatic filariasis, dengue, leishmaniasis, onchocerciasis, human African trypanosomiasis and schistosomiasis. It also includes information on other viral diseases (Rift Valley fever, West Nile fever, Chikungunya, yellow fever) and trachoma. If other vector-borne diseases appear in a country or area, vector control with an IVM approach should be adopted, as per national priorities. Malaria, as one of the most important vector-borne diseases in sub-Saharan Africa, is the main focus of this document. Programs targeting other vector-borne diseases can learn from the experiences gained from malaria vector control and presented here.

THE GEOGRAPHY OF SOUTH AFRICA

CONTEMPORARY CHANGES AND NEW DIRECTIONS

Springer This edited collection examines contemporary directions in geographical research on South Africa. It encompasses a cross section of selected themes of critical importance not only to the discipline of Geography in South Africa, but also of relevance to other areas of the Global South. All chapters are original contributions, providing a state of the art research baseline on key themes in physical, human and environmental geography, and in understanding the changing geographical landscapes of modern South Africa. These contributions set the scene for an understanding of the relationships between modern South Africa and the wider contemporary world, including issues of sustainable development and growth in the Global South.

COMPARATIVE CLIMATE CHANGE LITIGATION: BEYOND THE USUAL SUSPECTS

Springer Nature This book is based on the acknowledgment that climate change is a multifaceted challenge that requires action on the part of all stakeholders, including civil society, and the notion that climate change is at a tipping point with urgent measures needed in the next decade. Against this background, civil society is turning its attention to the courts as a means to directly influence climate action, partly because of the global scepticism towards the progress of global climate action, despite the ongoing implementation of the Paris Agreement. Focusing on the individual, broadly representing civil society, the book offers fresh perspectives on climate change litigation. While most of the literature on climate change litigation examines the same specific jurisdictions, mostly common law countries (US and Australia in particular), this book also considers specific countries in Asia, Africa and Latin America with little or no climate change litigation. It explores the reasons for the lack of litigation and discusses what measures should or could be taken to change this situation and push forward climate action. Unlike other literature on the subject, this book analyses climate change litigation using a scenario-based methodology. Combining rigorous academic analysis with a practical policy-oriented focus, the book provides valuable insights for a wide range of stakeholders interested in climate change litigation. It appeals to civil society organisations around the world, international organisations and law firms interested in climate change litigation.

GREEN ECONOMY IN THE TRANSPORT SECTOR

A CASE STUDY OF LIMPOPO PROVINCE, SOUTH AFRICA

Springer This open access book is interdisciplinary and provides cross-sectoral and multi-dimensional exploration of sustainable development and transportation in South Africa. Drawing on work from different disciplines, the book contributes not only to academia but also seeks to inform urban and regional policy with the view of contributing to the national aspirations of South Africa as espoused in the National Development Plan (NDP), 2030, National Spatial Development Framework (NSDF) Draft (2019), National Climate Change Adaptation Strategy (NCASS) Draft (2019), Green Transport Strategy for South Africa (2018-2050), and National Transportation Plan (NATMAP), 2050. Adopting a multi-dimensional assessment, the book provides a background for co-production concerning climate change, sustainable development, and transportation in the Global South. The book contributes in its analysis of the institutional and legislative framework that relates to the climate change, skills and knowledge transfer, sustainable development, and transportation in South Africa, as these are responsible for the evolution of the green economy and transport sector in the country. The connections among different sectors and issues such as environment, transport modes, technology innovation, vehicle management and emission control, skills and knowledge transfer, legislative and policy framework, and the wider objectives of the sustainable development goals (SDGs), especially goals 11 to 13. The success stories relating to climate change, sustainable development, and transportation in South Africa are identified together with the best possible practices that may inform better environmental, urban and regional planning, policy, practice, and management.

SAVING LIVES, BUYING TIME

ECONOMICS OF MALARIA DRUGS IN AN AGE OF RESISTANCE

National Academies Press For more than 50 years, low-cost antimalarial drugs silently saved millions of lives and cured billions of debilitating infections. Today, however, these drugs no longer work against the deadliest form of malaria that exists throughout the world. Malaria deaths in sub-Saharan Africa "currently just over one million per year" are rising because of increased resistance to the old, inexpensive drugs. Although effective new drugs called "artemisinins" are available, they are unaffordable for the majority of the affected population, even at a cost of

one dollar per course. **Saving Lives, Buying Time: Economics of Malaria Drugs in an Age of Resistance** examines the history of malaria treatments, provides an overview of the current drug crisis, and offers recommendations on maximizing access to and effectiveness of antimalarial drugs. The book finds that most people in endemic countries will not have access to currently effective combination treatments, which should include an artemisinin, without financing from the global community. Without funding for effective treatment, malaria mortality could double over the next 10 to 20 years and transmission will intensify.

FOREST PATHOLOGY AND PLANT HEALTH

MDPI This book is a printed edition of the Special Issue "Forest Pathology and Plant Health" that was published in **Forests**

THE UNITED NATIONS WORLD WATER DEVELOPMENT REPORT

VALUING WATER

UNESCO Publishing Water is a finite and non-substitutable resource. As the foundation of life, societies and economies, it carries multiple values and benefits. But unlike most other natural resources, it has proven extremely difficult to determine its true 'value'. The 2021 edition of the United Nations World Water Development Report, titled "Valuing Water" assesses the current status of and challenges to the valuation of water across different sectors and perspectives and identifies ways in which valuation can be promoted as a tool to help improve its management and achieve global sustainable development.

WILDLAND FIRE MANAGEMENT HANDBOOK FOR SUB-SAHARA AFRICA

African Minds Africa is a fire continent. Since the early evolution of humanity, fire has been harnessed as a land-use tool. Many ecosystems of Sub-Sahara Africa that have been shaped by fire over millennia provide a high carrying capacity for human populations.

ITF RESEARCH REPORTS MOVING FREIGHT WITH BETTER TRUCKS IMPROVING SAFETY, PRODUCTIVITY AND

SUSTAINABILITY

IMPROVING SAFETY, PRODUCTIVITY AND SUSTAINABILITY

OECD Publishing This report identifies potential improvements in terms of more effective safety and environmental regulation for trucks, backed by better systems of enforcement, and identifies opportunities for greater efficiency and higher productivity.

URBAN GEOGRAPHY IN SOUTH AFRICA

PERSPECTIVES AND THEORY

Springer This book embraces South Africa and its place in the Global South, providing a succinct theoretical and empirical analysis and discussion of urban issues in the country. There have been sporadic calls from the Urban Geography community for the development of an overarching and comprehensive text that explores contemporary processes and practices taking place in urban South Africa and, more widely, the Global South. This is an edited collection of chapters by leading urban theorists and practitioners working on various themes within urban South Africa and serves as a base for scholars and students interested in urban perspectives from countries in the Global South.

THE GLOBALIZATION OF ISRAEL

MCWORLD IN TEL AVIV, JIHAD IN JERUSALEM

Routledge This book focuses on how globalization is impacting contemporary Israel. It is a concise and originally argued introduction to Israel, but the author, Uri Ram, is careful to frame his analysis in a broader discussion of Israeli history and broader social currents. Focusing in particular on two defining - and conflicting - contemporary trends; one toward advanced liberal democracy with a cosmopolitan edge, and the other toward ethno-religious traditionalism and rejection of the secularism associated with market driven globalization. The cosmopolitan, high-tech driven city of Tel Aviv represents the former trend, and Jerusalem - a city increasingly dominated by orthodox Jews - represents the latter. Using Benjamin Barber's Jihad versus McWorld thesis to good effect, Ram's book will stand as an ideal

introduction to contemporary Israel and its place in the world.

THE GEOPOLITICS OF THE GLOBAL ENERGY TRANSITION

Springer Nature The world is currently undergoing an historic energy transition, driven by increasingly stringent decarbonisation policies and rapid advances in low-carbon technologies. The large-scale shift to low-carbon energy is disrupting the global energy system, impacting whole economies, and changing the political dynamics within and between countries. This open access book, written by leading energy scholars, examines the economic and geopolitical implications of the global energy transition, from both regional and thematic perspectives. The first part of the book addresses the geopolitical implications in the world's main energy-producing and energy-consuming regions, while the second presents in-depth case studies on selected issues, ranging from the geopolitics of renewable energy, to the mineral foundations of the global energy transformation, to governance issues in connection with the changing global energy order. Given its scope, the book will appeal to researchers in energy, climate change and international relations, as well as to professionals working in the energy industry.

ENCYCLOPEDIA OF CAVES AND KARST SCIENCE

Routledge The Encyclopedia of Caves and Karst Science contains 350 alphabetically arranged entries. The topics include cave and karst geoscience, cave archaeology and human use of caves, art in caves, hydrology and groundwater, cave and karst history, and conservation and management. The Encyclopedia is extensively illustrated with photographs, maps, diagrams, and tables, and has thematic content lists and a comprehensive index to facilitate searching and browsing.

NOVELISTS AND NOVELS

Infobase Publishing Read what Bloom had to say on the world's great novelists including Miguel de Cervantes, Charles Dickens, Jane Austen, Franz Kafka, Ernest Hemmingway and more.

SPATIAL PLANNING IN SERVICE DELIVERY

TOWARDS DISTRIBUTIVE JUSTICE IN SOUTH AFRICA

Springer This volume presents a detailed synthesis of the historical, present-day and future state of service delivery in South Africa. The generation and distribution of services in any geographical space has been and is always a source of inequality in human society. Thus, in the context of spatial planning, space is the major factor through which distributive justice and sustainable development can be achieved. To examine the continuation of spatial inequality in service delivery, the authors employed both qualitative and quantitative research methods in a multi-pronged approach, utilizing empirical data from the Vembe District in Limpopo, data from the South African Index of Multiple Deprivation, and representative attitudinal data from the South African Social Attitudes Survey. Ultimately, this study examines spatial differences in living environments with a focus on the distribution of household services and discusses strategies to achieve spatial equality.

CDC YELLOW BOOK 2018: HEALTH INFORMATION FOR INTERNATIONAL TRAVEL

Oxford University Press **THE ESSENTIAL WORK IN TRAVEL MEDICINE -- NOW COMPLETELY UPDATED FOR 2018** As unprecedented numbers of travelers cross international borders each day, the need for up-to-date, practical information about the health challenges posed by travel has never been greater. For both international travelers and the health professionals who care for them, the **CDC Yellow Book 2018: Health Information for International Travel** is the definitive guide to staying safe and healthy anywhere in the world. The fully revised and updated 2018 edition codifies the U.S. government's most current health guidelines and information for international travelers, including pretravel vaccine recommendations, destination-specific health advice, and easy-to-reference maps, tables, and charts. The 2018 Yellow Book also addresses the needs of specific types of travelers, with dedicated sections on:

- Precautions for pregnant travelers, immunocompromised travelers, and travelers with disabilities
- Special considerations for newly arrived adoptees, immigrants, and refugees
- Practical tips for last-minute or resource-limited travelers
- Advice for air crews, humanitarian workers, missionaries, and others who provide care and support overseas

Authored by a team of the world's most esteemed travel medicine experts, the Yellow Book is an essential resource for travelers -- and the clinicians overseeing their care -- at home and abroad.

TRANSFORMING AGRICULTURE IN SOUTHERN AFRICA

CONSTRAINTS, TECHNOLOGIES, POLICIES AND PROCESSES

Routledge This book provides a synthesis of the key issues and challenges facing agriculture and food production in Southern Africa. Southern Africa is facing numerous challenges from diverse issues such as agricultural transformations, growing populations, urbanization and climate change. These challenges place great pressure on food security, agriculture, water availability and other natural resources, as well as impacting biodiversity. Drawing on case studies from Lesotho, Malawi, Mozambique, Namibia, South Africa, Swaziland, Tanzania, Zambia and Zimbabwe, the chapters in this book consider these challenges from an interdisciplinary perspective, covering key areas in constraints to production, the most important building blocks of good farming practices, and established and emerging technologies. This book will be a valuable support for informing new policies and processes aimed at improving food production and security and developing sustainable agriculture in Southern Africa. This informative volume will be key reading for those interested in agricultural science, African studies, rural studies, development studies and sustainability. It will also be a valuable resource for policymakers, governmental and nongovernmental organizations, and agricultural practitioners.

ALGAL ECOLOGY

FRESHWATER BENTHIC ECOSYSTEM

Academic Press Algae are an important component of aquatic benthic ecosystems because they reflect the health of their environment through their density, abundance, and diversity. This comprehensive and authoritative text is divided into three sections to offer complete coverage of the discussion in this field. The first section introduces the locations of benthic algae in different ecosystems, like streams, large rivers, lakes, and other aquatic habitats. The second section is devoted to the various factors, both biotic and abiotic, that affect benthic freshwater algae. The final section of the book focuses on the role played by algae in a variety of complex freshwater ecosystems. As concern over environmental health escalates, the keystone and pivotal role played by algae is becoming more apparent. This volume in the Aquatic Ecology Series represents an important compilation of the latest research on the crucial niche occupied by algae in aquatic ecosystems. Presents algae as the important player in relation to environmental health Prepared by leading authorities in the field Includes comprehensive treatment of the functions of benthic algae as well as the factors that affect these important aquatic organisms Acts as an important reference for anyone interested in

understanding and managing freshwater ecosystems

A CENTURY OF GEOGRAPHY AT STELLENBOSCH UNIVERSITY 1920-2020

African Sun Media *A Century of Geography at Stellenbosch University 1920-2020* focuses on the establishment and development of geography as an academic discipline at Stellenbosch, South Africa's founding geography department. The ways in which the department currently operates are deemed fundamentally joined to its past and pave the way for the evolution of geography and its various subdisciplines going forward. The investigation seeks to highlight the development of the discipline and its institutionalisation as part of the academic offerings of the university, while providing details about the teaching and research conducted, as well as of the people who contributed to these endeavours. It also furnishes the academic geography community at Stellenbosch, and geography more broadly, with some insights into its past development and more recent changes, along with a complete bibliography of conducted research.

DROUGHT AND DROUGHT MITIGATION IN EUROPE

Springer Science & Business Media *Drought* is one of the major natural hazards, resulting in significant economic, social, and environmental costs. In Europe, water shortage is an important problem in many regions. However, despite the increasing awareness of this hazard, there is no European drought policy and institutional frameworks to cope with drought situations are only weakly developed. This book is dedicated to furthering our understanding of the drought problem in Europe and to discussing policy and management options to mitigate its impacts. It covers aspects from the detection of water stress to the planning of mitigation strategies. The contributions are written by recognised experts in their field and represent a unique collection of papers on the topic. Audience: The book will be of benefit to scientists, managers, and politicians involved in problems related to water management, risk assessment, and spatial planning. Students in Earth Sciences, especially in geography, climatology, hydrology, and agriculture, will find useful material in this collection of papers.

GREAT ZIMBABWE

ECOSYSTEM SERVICES IN THE GARIEP BASIN

A BASIN-SCALE COMPONENT OF THE SOUTHERN AFRICAN MILLENIUM ECOSYSTEM ASSESSMENT

AFRICAN SUN MeDIA This assessment report is a component of the multiple-scale southern African sub-global assessment (SAfMA), which investigated the condition and trends of ecosystem services and human well-being in the Gariep basin from 1993 to 2003, as well as future scenarios and possible responses to ecosystem change. The assessment features highlights from four local-scale assessments nested within the basin: Sehlabathebe, Great Fish River, Richtersveld and the Gauteng Province.

ATMOSPHERE-OCEAN INTERACTIONS

WIT Press The increase in levels of population and human development in coastal areas has led to a greater importance of understanding atmosphere-ocean interactions. This second volume on atmosphere-ocean interactions aims to present several of the key mechanisms that are important for the development of marine storms.

GLOBAL CHANGE AND HUMAN MOBILITY

Springer This book demonstrates the benefits of applying a new interdisciplinary approach that combines global change and human mobility. The term "globility" was coined in the year 2000 when the commission with the same name was created by the International Geographical Union with the purpose of theorizing about and asserting the concept of human mobility. First the book offers theoretical reviews of human mobility. Then it proceeds to study patterns of mobility in today's world as it faces new challenges in migration policies (including border controls, management of refugee movements, social initiatives to empower unauthorized immigrants), the integration issue, environmental hazards, and so on. The response to these diverse challenges reveals an increasing fluidity of human mobility and new forms of engagement of people on the move. Readers will obtain a better understanding of current human mobility from a large number of regions and from different thematic perspectives.

STUDY AND MASTER GEOGRAPHY GRADE 10 CAPS STUDY GUIDE

SUBMERGED LANDSCAPES OF THE EUROPEAN CONTINENTAL SHELF

QUATERNARY PALEOENVIRONMENTS

John Wiley & Sons "COST, European Cooperation in Science and Technology."

THE GREEN BUILDING EVOLUTION

Africa Institute of South Africa The Green Building Evolution illuminates global examples and makes use of case studies mainly from South Africa. This book is in five parts: Part I is a single introductory chapter centred on the evolution of the green building movement; Part II addresses the green building terrain; Part III presents selected case studies; Part IV focuses on chapters that address pushing the boundaries in the green building space; while Part V presents emerging trends and policy perspectives. Further details are contained in the main body of the book. It is our sincere hope that readers will experience the book as an informative and ground-breaking adventure. Written by 14 authors from different academic disciplines and areas of specialisation, the book comes as the sixth in a series that addresses global and national concerns on climate change, sustainable development and the green economy transition agenda. The book series is conceptualised and coordinated by the Exxaro Chair in Business and Climate Change, led by Prof. Godwell Nhamo and hosted by the Institute for Corporate Citizenship (ICC) at the University of South Africa (UNISA). The books are published by the Human Sciences Research Council (HSRC) through the Africa Institute of South Africa.

ESTUARINE INTERACTIONS

Elsevier Estuarine Interactions is a compilation of papers presented at the Fourth International Estuarine Research Federation Conference, held at the Mount Airy Lodge, Mount Pocono, Pennsylvania in October 1977. The compendium consists of scientific investigations on the structure and functioning of estuaries and adjacent environments. This volume includes the written form of the invited papers that were part of eight sessions. Papers presented deal with topics on estuarine management needs, impacts of coastal engineered systems, and productivity and initial photosynthate dispersion in the ecosystem. Natural catastrophic events in the estuarine environment, the impact of possible climatic changes on estuarine ecosystems, and pollutant cycling and water quality are likewise discussed. Estuarine scientists will find the book invaluable.

MAPPING IRRIGATED AREAS IN THE LIMPOPO PROVINCE, SOUTH AFRICA

International Water Management Institute (IWMI) This report summarizes the findings of a collaborative effort to map and assess irrigated areas in the Limpopo Province, South Africa. The study was conducted by the International Water Management Institute (IWMI) in collaboration with the Department of Agriculture, Forestry and Fisheries (DAFF) and the Limpopo Department of Agriculture and Rural Development (LDARD), as part of the DAFF-supported 'Revitalization of irrigation in South Africa' project. Based on a combination of Landsat and Moderate Resolution Imaging Spectroradiometer (MODIS) satellite data, previous irrigated area mapping exercises carried out by DAFF and three-field ground truthing (GT) surveys, a total of 1.6 million hectares (Mha) of cropland were identified, with 262,000 ha actually irrigated in the 2015 winter season. The study also found that only 29% of all land equipped with center pivots was actually irrigated.

YES, AFRICA CAN

SUCCESS STORIES FROM A DYNAMIC CONTINENT

World Bank Publications Takes an in-depth look at twenty-six economic and social development successes in Sub-Saharan African countries, and addresses how these countries have overcome major developmental challenges.

ORGANIC FOOD SYSTEMS

MEETING THE NEEDS OF SOUTHERN AFRICA

Cabi Organic agriculture world-wide allows farmers to produce healthy food with low levels of external inputs, and often shortens the value chains, giving farmers a higher share of the consumer dollar. This book reports on long-term comparative organic farming systems research trials carried out over the last four years in South Africa's Southern Cape, as well as research on the organic sector and the technical tools it requires in South Africa, Zambia, Uganda and Tanzania. The trials show how the yield gap between organic and conventional crops was closed over 3 years. Water use efficiency was also greater in the organic farming system, and pests and diseases were effectively controlled using biological products. Farmer training approaches, soil carbon analysis, participatory guarantee systems, the Zambian

organic farming sector (agronomy) and Ugandan organic farmer training support, and a sector plan for southern African organic farming are examined.

SPECIAL REPORT ON EMISSIONS SCENARIOS

A SPECIAL REPORT OF WORKING GROUP III OF THE INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE

This IPCC Report is the most comprehensive and state-of-the-art assessment of greenhouse gas emissions scenarios.

MEDIA MEETS CLIMATE

THE GLOBAL CHALLENGE FOR JOURNALISM

International Clearinghouse on