

# ATLAS OF THE NORLD TENTH EDITION

# CONTENTS

**FOREWORD** 

- 2 How to Use This Atlas
- 3 Physical World Map
- 4 POLITICAL WORLD MAP

# PLATES 5-25

# World Themes 5

# 6 Tectonics: The Earth in Motion

Plate Boundaries, Earthquakes, Volcanoes, and Hot Spots; Earth's Interior; Visualizing Tectonic Processes; A Fluctuating Earth

# 7 Oceans: Planet Ocean

Locating Ocean Chlorophyll; Mapping Fishing Activity; The Rise of Aquaculture; Charting Sea Surface Temperature; Human Impacts on the Oceans

# 8 Fresh Water: Scarcity on the Rise

Mapping Fresh Water; Water Withdrawals; Visualizing Groundwater Resources; Mapping Irrigation; Securing Safe Drinking Water; Assessing True Water Use

# 9 CLIMATE: Shifting Winds and Weather

Climatic Zones; Shrinking Polar Ice: Mapping Precipitation: Taking the Planet's Rising Temperature; Mapping the Health Toll of Climate Change: Charting Sea-Level Change

# 10 Natural Hazards: Humans, Earth, and Risks

Cities at Risk; Increasing Costs; Increasing Number of People Affected; Costs by Region and Type of Disaster: The Role of Climate Change

# 11 BIODIVERSITY: Life, Protected and Otherwise

Protected Areas; Protected Areas Management Trends; Varied Levels of Biome Protection: Mapping Biodiversity Hotspots; Charting Threatened Species; Pressures on Biodiversity

# 12 Human Influences: Into a New Epoch?

Mapping Ecological Patterns; Human Influences Over Time; Human Influence Index; Last of the Wild; Planetary Stewardship

# 13 POPULATION: Life on a Crowded Planet

Mapping Density; Profiling Population; Booming Growth; Measuring National Density; Accounting for Arable Land; Projecting Future Population; Ranking Populous Countries

# 14 URBANIZATION: Moving Toward the City

Locating Urban Centers; Regionalizing Urbanization; Urbanization and Development; Comparing Urbanization Rates; Shifting to an Urban Majority; Mapping Urban Growth Rates

# 15 CITY DOMINANCE: Cities Rule the World

Gaining Numbers; Tracking Leading Cities; Identifying City Sizes; Defining a City; Distribution of Cities by Population and Area; Growing Megacities

# 16 CITY CHARACTERISTICS: A Diverse Urban Landscape

Mapping Cities by Population; Global Cities Index; City Prosperity Index; Proportion of Population Living in Slum Areas; Urbanization and Geography; Planning for Prosperity

# 17 AGRICULTURE: Struggling to Feed the Planet

Mapping Agriculture; Charting the Undernourished; Measuring Caloric Intake; Trading the Planet's Food; Analyzing Regional Diets; Growing Grain; Modifying Crops' DNA

# 18 CULTURES: A Developing Global Culture

Classifying and Grouping Languages; For More Than Posterity; Mapping Language Diversity; Vanishing Languages; Identifying the World's Religions; Charting Leading Religions

# 19 Human Condition: Progress and Ongoing Struggle

Assessing Human Rights; Human Development Index; Mapping School Enrollment; Ranking the Poor; Measuring Global Literacy

# 20 HEALTH: Seeking Longer, Healthier Lives

Mapping Mortality; Comparing Income and Life Expectancy; Locating the HIV/AIDS Epidemic; Under-Five Mortality; Mapping Malaria's Range; Measuring Health-Care Expenditures

# 21 MIGRATION: Moving to Survive

Migrating to Cities; Counting Conflict Refugees; Locating Migrant Concentrations; Charting Remittances; Tracking Migrant Dollars; Predicting Climate-Induced Migrations

# 22 Transportation: People and Goods on the Move

Global Transportation Systems; Comparing Travel; Shipping the World's Goods; Measuring Road Networks; Charting International Tourism; Recession and Growth

# 23 Energy: Powering the Planet

Mapping Energy Sources; Balancing Consumption and Production; Identifying Global Final Energy Consumption; Renewables as a Share of Total Energy Consumption; Growth in Renewable Energy; Toward a Cleaner Energy Supply

# 24 ECONOMY: Straining Financial Links

Tracking World Merchandise Trade, 2012; Charting Imports and Exports; Locating Global Wealth; Economic Engines; Identifying Wealth Disparities; Calculating External Debt

# 25 Interconnectivity: An Expanding Information Society

Connecting to the Internet; Global Growth; ICT Development Index; Booming Mobile-Cellular Subscriptions; Internet Access; Evolving Use of Technologies

# **PLATES 26-49**

# North America 26

- 27 North America Physical
- 28 North America Political
- 29 GREENLAND
- 30 CANADA POLITICAL
- 31 WESTERN CANADA
- 32 CENTRAL CANADA33 EASTERN CANADA
- 34 UNITED STATES PHYSICAL
- 35 United States Political
- 36 Northwestern U.S.

Idaho, Montana, Oregon, Washington, Wyoming

- 37 Southwestern U.S.
  - California, Nevada
- 38 Four Corners U.S.

Arizona, Colorado, New Mexico, Utah

# **PLATES 50-56**

# South America 50

- 51 SOUTH AMERICA PHYSICAL
- 52 SOUTH AMERICA POLITICAL
- 53 Northwestern South America

Bolivia, Colombia, Ecuador, Guyana, Peru, Venezuela

# 39 North Central U.S.

Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota

# 40 South Central U.S.

Arkansas, Louisiana, Oklahoma, Texas

# 41 GREAT LAKES U.S.

Illinois, Indiana, Kentucky, Michigan, Ohio, Wisconsin

# 42 SOUTHEASTERN U.S.

Alabama, Florida, Georgia, Mississippi, North Carolina, South Carolina, Tennessee

# 43 MIDDLE ATLANTIC U.S.

D.C., Delaware, Maryland, New Jersey, New York, Pennsylvania, Virginia, West Virginia

# 44 New England U.S.

54 AMAZON REGION

Connecticut, Long Island (N.Y.), Maine, Massachusetts, New Hampshire, Rhode Island, Vermont

- 45 ALASKA
- 46 Hawai'i
- 47 Mexico

# 48 CENTRAL AMERICA, BERMUDA, AND ISLANDS OF THE WEST INDIES

Belize, Bermuda Is. (U.K.), Costa Rica, El Salvador, Grand Cayman (U.K.), Grenada, Guatemala, Honduras, Jamaica, Nicaragua, Panama, St.-Martin (Fr.), St. Maarten (Neth.), Trinidad and Tobago; Note Estropia Islands, a mid-Atlantic Island Gloub, is included at an inset map on this plate.

# 49 WEST INDIES

Anguilla (U.K.), Antigua and Barbuda, Aruba (Neth.), Bahamas, Barbados, Bonaire (Neth.), Cayman Is. (U.K.), Cuba, Curação (Neth.), Dominica, Dominican Republic, Guadeloupe (Fr.), Haiti, Jamaica, Martinique (Fr.), Montserrat (U.K.), Puerto Rico (U.S.), St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Turks and Caicos Is. (U.K.), Virgin Islands (U.K. and U.S.)

Brazil, Ecuador, French Guiana (France), Peru, Suriname

# 55 EASTERN SOUTH AMERICA

Brazil, French Guiana (France), Paraguay, Suriname

# 56 SOUTHERN SOUTH AMERICA

Argentina, Chile, Falkland Islands (U.K.), Uruguay

# Europe 57

- 58 EUROPE PHYSICAL
- 59 EUROPE POLITICAL
- 60 BRITISH ISLES
- 61 ENGLAND AND WALES (CYMRU)
- 62 IRELAND (ÉIRE) AND SCOTLAND
- 63 France, Belgium, the Netherlands
- 64 THE LOW COUNTRIES, DENMARK, AND EUROPE'S SMALLEST COUNTRIES

Andorra, Belgium, Denmark, Liechtenstein,

**PLATES 74-92** 

# Asia 74

- 75 ASIA PHYSICAL
- 76 ASIA POLITICAL
- 77 EASTERN RUSSIA
- 78 MIDDLE EAST

Syria, Turkey

# 79 EASTERN MEDITERRANEAN

Cyprus, Gaza Strip, Israel, Jordan, Lebanon, West Bank

# 80 THE CAUCASUS

Abkhazia, Armenia, Azerbaijan, Georgia, Nagorno-Karabakh, South Ossetia

81 IRAQ AND IRAN

# **PLATES 93-101**

# **Africa** 93

- 94 AFRICA PHYSICAL
- 95 AFRICA POLITICAL
- 96 MEDITERRANEAN REGION
- 97 Northwestern Africa

Algeria, Benin, Burkina Faso, Cameroon, Central African Republic, Chad, Côte d'Ivoire (Ivory Coast), Gambia, Ghana, Guinea, Guinea-Bissau,

Liberia, Libva, Mali, Mauritania, Morocco, Niger,

# 98 Northeastern Africa

Egypt, South Sudan, Sudan

108 New Zealand, New Guinea,

109 PACIFIC OCEAN POLITICAL

AND BISMARCK ARCHIPELAGO

New Zealand, Papua New Guinea

Pacific overview map with insets of:

Western Sahara (Morocco)

# 99 HORN OF AFRICA

102

Somalia, Somaliland, South Sudan, Uganda

87 Indochina

70 CENTRAL EUROPE

Northern Cyprus

Belarus, Russia, Ukraine

73 EUROPEAN RUSSIA

71 THE BALKANS

Cambodia, Laos, Myanmar (Burma). Thailand, Vietnam

72 GREECE AND THE AEGEAN WITH CYPRUS

Belarus, Czech Republic (Czechia), Kaliningrad Oblast (Russia), Lithuania, Poland, Slovakia, Ukraine

Albania, Bosnia and Herzegovina, Bulgaria, Croatia,

Hungary, Kosovo, Macedonia, Moldova, Montenegro,

North Kosovo, Romania, Serbia, Slovenia, Transdniestria

# 88 China

China, Mongolia, Taiwan

- 89 CHINA COAST
- 90 KOREAN PENINSULA North Korea, South Korea
- 91 JAPAN AND KOREA
- 92 Asia-Pacific

# Nigeria, Senegal, Sierra Leone, Togo, Tunisia.

Luxembourg, Malta, Monaco, Netherlands,

Estonia, Faroe Is. (Den.), Finland, Iceland, Latvia.

Bahrain, Kuwait, Oman, Qatar, Saudi Arabia,

San Marino, Vatican City

Lithuania, Norway, Sweden

Austria, Slovenia, Switzerland

United Arab Emirates, Yemen

Turkmenistan, Uzbekistan

84 Afghanistan & Pakistan

Nepal, Sri Lanka

86 SOUTHEASTERN ASIA

Kazakhstan, Kyrgyzstan, Tajikistan.

Bangladesh, Bhutan, India, Maldives,

Brunei, Indonesia, Malaysia, Philippines,

Singapore, Timor-Leste (East Timor)

65 Spain and Portugal

69 THE ALPS REGION

82 ARABIAN PENINSULA

83 CENTRAL ASIA

85 Southern Asia

66 SCANDINAVIA

67 GERMANY

68 ITALY

Burundi, Djibouti. Eritrea, Ethiopia, Kenya, Rwanda,

# 100 Southern Africa

Angola, Botswana, Cabinda (Angola), Congo, Democratic Republic of the Congo, Equatorial Guinea, Gabon, Madagascar, Malawi, Mozambique, Namibia, Tanzania, Zambia, Zimbabwe

Mariana Islands (U.S.), Marshall Islands, Society

Fifty-four detailed inset maps of islands and

island groups that correspond to numbered

Pacific (Pacific Ocean Political, plate 109)

locations on the preceding overview map of the

Islands (Fr.), and Tuamotu Archipelago (Fr.)

# 101 South Africa

110 Islands of the Pacific

Lesotho, South Africa, Swaziland

# PI ATES 102-110

# Australia and Oceania

- 103 Australia Physical
- 104 Australia Political
- 105 WEST AUSTRALIA
- 106 Northeastern Australia
- 107 Southeastern Australia

# **PLATES 111-113**

# The Poles 111

112 ARCTIC POLITICAL

Alaska (U.S.), Canada, Finland, Greenland (Kalaallit Nunaat) (Denmark), Iceland, Norway, Russia, Sweden

113 ANTARCTICA POLITICAL

Antarctic Geography, Antarctic Treaty

# **PLATES 120-127**

# Space 120

- 121 Northern Sky: Charting the Heavens
- 122 SOUTHERN SKY: Charting the Heavens
- 123 Moon: Earth's Cratered Companion
- 124 Mars: Exploring the Red Planet
- 125 SOLAR SYSTEM: The Sun's Neighborhood
- 126 MILKY WAY: Earth's Galactic Home
- 127 UNIVERSE: Vast and Expanding

# Caroline Islands, Hawaiian Islands (U.S.).

**PLATES 114-119** 

# **Oceans** 114

115 PACIFIC OCEAN FLOOR

116 ATLANTIC OCEAN FLOOR

117 INDIAN OCEAN FLOOR

118 ARCTIC OCEAN FLOOR

119 Ocean Floor around Antarctica

# **PLATES 128-142**

# **Nations** 128

129 FLAGS AND FACTS:

Countries, Territories, and Dependencies

Afghanistan through Zimbabwe

142 FLAGS AND FACTS:

Canada and U.S.: Provinces, States, and Territories

Alberta through Yukon, Alabama through Wyoming, District of Columbia and U.S. Territories

# **PLATES 143-145**

# **Appendix**

- 143 GEOGRAPHIC COMPARISONS: Earth's Extremes
- 144 TIME ZONES: **Coordinating World Time**
- 145 FOREIGN TERMS, ABBREVIATIONS, AND METRIC CONVERSION TABLES

# **PAGES 1-153**

# **Index and Acknowledgments**

- PLACE-NAME INDEX
- 143 Undersea Features Index
- 147 MOON FEATURES INDEX
- 148 Mars Features Index
- 149 ACKNOWLEDGMENTS