

PREPARING FORTHE TWENTYFIRST CENTURY

Paul Kennedy



RANDOM HOUSE A NEW YORK

Copyright @ 1993 by Paul Kennedy

All rights reserved under
International and Pan-American Copyright Conventions.
Published in the United States by Random House, Inc.,
New York.

Library of Congress Cataloging-in-Publication Data
Kennedy, Paul M.
Preparing for the twenty-first century / Paul Kennedy.
p. cm.
Includes bibliographical references and index.
ISBN 0-394-58443-0
1. Twenty-first century.
I. Title. CB161.K44 1993

Book designed by Gloria Tso

91-52668

303.49'09'05-dc20

Manufactured in the United States of America 23456789 First Edition

CONTENTS

Foreword and Acknowledgments ix

Tables and Charts xv

PART ONE: GENERAL TRENDS

- 1. Prologue: Old Challenges and New Challenges 3
 - 2. The Demographic Explosion 21
- The Communications and Financial Revolution and the Rise of the Multinational Corporation 47
 - 4. World Agriculture and the Biotechnology Revolution 65
 - 5. Robotics, Automation, and a New Industrial Revolution 82
 - 6. The Dangers to Our Natural Environment 95
 - 7. The Future of the Nation-State 122

PART TWO: REGIONAL IMPACTS

- 8. The Japanese "Plan" for a Post-2000 World 137
 - 9. India and China 163
- 10. Winners and Losers in the Developing World 193
- 11. The Erstwhile USSR and Its Crumbled Empire 228

- 12. Europe and the Future 255
- 13. The American Dilemma 290

PART THREE: CONCLUSION

14. Preparing for the Twenty-first Century 329

Appendix: Human Development Index 351

Notes 353

Bibliography 389

Index 407

Human history has always been shaped by the growth and migration of populations, by the opportunities and constraints provided by the environment, and by the rise of new technologies. Today, these forces are enmeshed in a state of unprecedented turbulence. World population has more than doubled in the past forty years to reach its current level of 5.5 billion, and it will exceed 8 billion and perhaps even 10 billion early in the next century. How will these vast numbers reshape the world's borders, strain an already fragile ecosystem, and remake politics? New technologies are even now replacing traditional work with radically new systems of production and communication, promising enormous changes in both industrial and traditional agricultural societies. Will potential developments in biotechnology render traditional food producers obsolete? What is the role of robotics in a world where millions of new jobs are needed each year to absorb the fast-growing population? And what will the roles of women be? How will the spread of AIDS affect the rapid growth of population in countries like India or those of central Africa? And how will all these complex, mutually dependent changes affect individual nations as they struggle with their own ethnic and economic pressures, including the inevitability of ever larger migrations from poorer to richer parts of the world as populations explode in less developed regions and decline in such areas as Japan, parts of North America, and the European continent? Given their historic behavior, how will Japan, the United States, and Europe—as well as the countries of Asia, Africa, and Latin America—be likely to respond to these unprecedented circumstances? What is the role of education in a two- or three-tier world?

Professor Kennedy's classic The Rise and Fall of the Great Powers considered the forces within nations that led to their rise and fall. In Preparing for the Twenty-first Century Kennedy addresses a larger and uniquely modern question: how will transnational forces in a world of scarce resources, instant communications, and exploding population affect the nations of the world and the people who inhabit them as the new century dawns?

Praise for Paul Kennedy's The Rise and Fall of the Great Powers

"Paul Kennedy has produced a work of almost Toynbeean sweep that not only is relevant to our times but is clearly meant to be read by policy makers.... His scholarship is great, his eloquence powerful and his argument convincing."

-The New York Times Book Review

"Richly detailed, robust and valiantly argued."

-MAX LERNER, The Wall Street Journal

"A powerful, brilliant, and well-informed analysis of the five great powers in the world that today compete for the future mastery of our planet."

-Los Angeles Times Book Review

"Should be on the nightstand of every world leader, particularly every American leader."

-Chicago Tribune

"Important, learned, and lucid."

-The New York Review of Books

"A fascinating response to ancient questions about the life span of nations."

-Time

