Contents

	Figures	ix
	Tables	х
	Acknowledgements	xii
	Introduction: The Transformation Period 1970–1979	
	Hitoshi Yoshioka	1
		•
	Part I: Pollution, Environment and Safety Problems	
1	Pollution and Environmental Protection Zenji Suzuki	81
2	The Development of Anti-Pollution Technology <i>Tsutomu Demizu</i>	94
3	Defective Cars and Product Liability Sanae Hara	108
4	Environmental Issues and Citizens' Movements Kiyoshi Toda	121
5	Environmental Journalism in the 1970s Yukio Wakamatsu	133
6	The Industrialization of Agriculture, Animal Husbandry, Forestry	
	and Fishery Kiyoshi Toda and Köyü Furusawa	149
	Part II: Energy and Resource Problems	
	The Oil Crisis and Energy Saving Policies Kunio Gotō	169
8	Reorganization of the Administration and Regulation of Nuclear	
	Development Hitoshi Yoshioka	189
	Nuclear Power Plant Location Disputes Hitoshi Yoshioka	208
10	The Development of Nuclear Fuel-Cycle Technology	
	Hitoshi Yoshioka	233
	The Development of Nuclear Fusion Research Hitoshi Yoshioka	256
12	The Social Background of Alternative Energy Development	
	Miwao Matsumoto	274
	Part IIIs Diversified Development officience and Technology	
	Part III: Diversified Development of Science and Technology Policies	
12	Scientific and Technological Cooperation with Developing	
15	Countries Shigeru Nakayama	289
14	The Second and Third National Development Plans Kunio Gotō	300
	The Development of Think Tanks and Their Contribution to	500
15	Policy Formulation Katsuhiro Arai	313
16	Funding Big Academic Projects Shigeru Nakayama	313
	Private Funding for Scientific Research Yoshinori Yamaoka	329 340
	-	340
18	The Training of Science and Technology Specialists	255
10	Katsuhiro Arai	355 371
	'Over Doctors' and the Market for Researchers <i>Nobuki Nakayama</i>	5/1
20	Problems with the Compulsory Health Insurance System	200
	Saburō Nishi	398

Part IV: The Rise of Knowledge-intensiveand High Technology Industries

21	Towards a Knowledge-intensive Industrial Structure	
	Shūichi Tsukahara	413
22	The National Promotion of 'Life Science' Hikaru Saitoh	425
23	Military Aircraft and Domestic Technology Hitoshi Yoshioka	445
24	Liberalization of the Computer Market Hideto Nakajima	461
25	Japan's Semiconductor Industry Hideto Nakajima	477
26	Growth of the Software Industry Kotarō Nakazu	493
27	Automation of the Manufacturing Industry Tsutomu Demizu	507
28	High-tech Medicine Shirō Sakaguchi	519
	Consolidated Bibliography	528
	Index	567