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0521856442 - Innovation and Entrepreneurship in Japan: Politics, Organizations, and High Technology Firms

Kathryn Ibata-Arens

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Innovation and Entrepreneurship in Japan

Japan's innovators and entrepreneurs are a real success story against the odds, surviving recession in the 1990s to prosper in today's competitive business environment. *Innovation and Entrepreneurship in Japan* explores the struggles of entrepreneurs and civic-minded local leaders in fostering innovative activity, and identifies key business lessons for an economy in need of dynamic change.

Ibata-Arens offers an in-depth analysis of strategy in firms, communities, and in local government. *Innovation and Entrepreneurship in Japan* examines detailed case studies of high technology manufacturers in Kyoto, Osaka, and Tokyo, as well as bio-tech clusters in America – demonstrating far-reaching innovation and competition effects in national institutions, and firms embedded within local and regional institutions.

The book is essential reading for academics and students of business, economics, political economy, political science, and sociology. It will also appeal to investors, entrepreneurs, and community development organizations seeking new perspectives on global competition and entrepreneurship in high technology enterprises.

KATHRYN IBATA-ARENS is Assistant Professor in the Department of Political Science, DePaul University, and Abe Fellow in the Faculty of Commerce, Doshisha University.

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To Thomas Takishi Ibata and Agnes Kazuko Ibata

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APEC	Asia-Pacific Economic Cooperation
ATI	Arizona Technology Incubator
BTI	Boulder Technology Incubator
CAD	Computer-aided design
CAM	Computer-aided manufacture
CEO	Chief executive officer
CET	Center for Emerging Technologies (St. Louis, MO)
DI	Diffusion index
DOD	Department of Defense
DRAM	Dynamic random-access memory
DYK	Doyukai (SME)
EC	European Commission
EPO	European Patent Office
FDA	Food and Drug Administration
FDI	Foreign direct investment
FRAM	Ferroelectric random-access memory
HR	Human relations
IC	Integrated circuit
IPO	Initial product offering
IPR	Intellectual property rights
IRC	Industrial Revitalization Corporation (Japan)
IRL	Industrial Revitalization Law (Japan)
IT	Information technology
JETRO	Japan External Trade Organization
JIT	Just-in-time
JV	Joint venture
LDP	Liberal Democratic Party (Japan)
LED	Light-emitting diode
MD	McDonnell Douglas

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Abbreviations

METI	Ministry of Economy, Trade, and Industry (Japan, formerly MITI)
MEXT	Ministry of Education, Science, Culture, Sports, and Technology (Japan)
MITI	Ministry of International Trade and Industry (Japan)
MOF	Ministry of Finance (Japan)
MOST	Ministry of Science and Technology (China)
MOT	Management of Technology
MRI	Mitsubishi Research Institute
NIH	National Institute of Health
NIS	National innovation systems
OEM	Original equipment manufacturing
OSBIC	Osaka Small and Medium Sized Enterprise Information Center
PRDEZ	Pearl River Delta Economic Zone (China)
QC	Quality control
R&D	Research and development
RCGA	Regional Commerce and Growth Association (St. Louis, MO)
RFP	Request for proposals
RIS	Regional innovation systems
ROI	Return on investment
SEZ	Special Economic Zone (China)
SME	Small to medium-sized enterprise
TLO	Technology licensing organization
TPP	Technological product and process innovation
USTR	US Trade Representative
VC	Venture capital
VLSI	Very large-scale integrated circuits
WIPO	World Intellectual Property Organization