ILLUSTRATIONS AND TABLES

Illustrations

- Figure 1.1 Taichung Power Plant, Longjing District, Taichung City, Taiwan 2
- Figure 2.1 Top Ten Polluting Power Plants in the World, 2009 33
- Figure 2.2 Gini Coefficients for Disproportionality in Plant-Level Carbon Emissions for 161 Nations 43
- Figure 3.1 Star Charts of Extreme Polluter Configurations 69
- Figure 4.1 Predicted Effect of Heat Rate on CO₂ Emission Rate 89
- Figure 4.2 Predicted Effect of Heat Rate on Logged CO₂ Emission Level 89
- Figure 4.3 Correlation Between Plant-Level CO₂ Emissions and Thermal Efficiency by Country, 2009 93

Tables

- Table 2.1 Top Ten CO₂-Emitting Countries, 2009: All Power Plants 37
- Table 2.2 Top Ten CO₂-Emitting Countries, 2009: Fossil-Fuel Power Plants 39
- Table 2.3 Percentage Changes in Electricity-Based CO₂ Emissions If Different Carbon-Intensity Targets Are Applied to

x % Illustrations and Tables

- the Top 5 Percent of Polluters in the Top Ten CO₂-Emitting Countries 41
- Table 2.4 Gini Coefficients for Disproportionality in Plant-Level CO₂ Emissions for the Ten Nations with the Highest Overall CO₂ Emissions from Fossil-Fuel Power Plants, 2009 45
- Table 3.1 Final Configurations and Coverage Statistics of fsQCA Analysis 64
- Table 3.2 Regression Analysis of the Effects of Configurations on Power Plants' CO₂ Emission Rates, 2009 66
- Table 3.3 Regression Analysis of the Effects of Configurations on Power Plants' CO. Emission Levels, 2009 68
- Table 3.4. Configurations/Polluter Profiles by Country 71
- Table 4.1 Regression Analysis of U.S. Power Plants' CO₂ Emission Rates and Levels, 2009 90
- Table 4.2 Regression Analysis of the Determinants of Power Plants' CO Emissions, 2009 94
- Table 4.3 Lagged Dependent-Variable Regression Analysis of the Determinants of Power Plants' CO₂ Emissions, 2009 96
- Table 5.1 States' Years of Experience with Climate-Focused Policies and Energy Policies with Climate Implications, as of 2010 106
- Table 5.2 Regression Analysis of the Effects of States' Climate-Focused Policies on Power Plants' Logged CO₂ Emission Levels, 2010 118-119
- Table 5.3 Regression Analysis of the Effects of States' Energy Policies with Climate Implications on Power Plants' Logged CO₂ Emission Levels, 2010 121-122
- Table 5.4 Factor Analysis of States' Energy-Related Climate Change Policies with Varimax Rotation (N = 50) 123
- Table 5.5 Regression Analysis of U.S. Power Plants' CO₂ Emission Rates, 2010 125
- Table 5.6 Regression Analysis of U.S. Power Plants' CO₂ Emission Levels, 2010 126