

Figures and tables

FIGURES

4.1	A typology of eco-industrial developments	95
5.1	Number of firms and industrial symbiosis projects in the exchange network over time	113
5.2	Snapshots of the growing exchange network in 2005, 2006 and 2007	114
5.3	Types of resources exchanged in the industrial symbiosis network over time	120
6.1	Layers of embeddedness surrounding inter-firm relations	131
6.2	Study sites in the 'Puerto Rico: An Island of Sustainability' project, 2001–2008	133
6.3	Industrial symbiosis linkages in Barceloneta, Puerto Rico	134
6.4	Industrial symbiosis linkages in Guayama, Puerto Rico	135
6.5	Material flows at Pepsi in Toa Baja	140
8.1	Simplified commodity chain comparison of American corn and Zimbabwean maize, circa 1990	204
9.1	Triggers for sustainable supply chain management	223
9.2	Supplier management for risk and performance	226
9.3	Supply chain management for 'sustainable' products	227

TABLES

4.1	Key features of industrial ecology and research questions	80
4.2	Main features of eco-industrial parks in interview survey	81
5.1	Descriptive measures of the growing industrial symbiosis network	112
5.2	Rank ordering of firms by centrality at 2005 and 2007	117
5.3	Comparison at three points (2005, 2006, 2007) of networks with and without NISP's expertise projects	121
6.1	Interviewed firms by type and industrial park location	138
6.2	Inter-firm synergies uncovered in industrial parks	141
6.3	Layers of embeddedness present in each of the industrial parks	143

6.4	Mechanisms of embeddedness in Barceloneta, Guayama and the industrial parks	147
7.1	Pairwise comparison of sample stakeholder groups (before Law no. 11.105, 2005)	182
7.2	Examples of sustainability indicators	185
9.1	Comparing industrial ecology to related concepts	219