

### Appendix 3.

Table A3.1. Matrix of Direct Influence (MDI) and type (+ or -) of influences/dependences of Colombia

	Deforestation	Mining	Aerial spraying	Population trends	Fishing and hunting	Agriculture	Megaprojects	Regional institution for the environment	Markets for natural resources	Tourism	Climate change	Community as social group	Solid waste	Illicit crops	Armed conflict	Fluvial transport	Impacts of public policies	Water management	Ancestral knowledge	Formal institutions	Formal education	Locally fostered research
Deforestation	0	0	0	-2	-3	2	0	0	0	-2	3	-3	0	1	1	0	1	0	-3	-2	-3	-2
Mining	2	0	2	2	-2	-2	0	0	0	-2	0	-3	0	2	2	-1	2	0	-3	-3	-1	-2
Aerial spraying	3	0	0	-3	-3	-3	0	0	-3	-3	3	-2	0	2	1	0	0	0	-1	0	-2	0
Population trends	2	2	0	0	3	2	2	0	0	0	3	-2	2	0	0	1	1	-3	-1	-1	1	1
Fishing and hunting	0	0	0	2	0	-2	0	0	0	1	1	2	0	0	-1	0	0	0	2	1	1	1
Agriculture	1	0	0	0	-2	0	0	0	3	-2	1	2	0	-2	0	0	1	0	3	2	2	2
Megaprojects	3	2	0	3	-2	2	0	0	2	-1	2	-3	2	-1	2	1	0	-1	-1	0	1	0
Regional institution for the environment	-2	-3	0	2	-2	0	-3	0	-2	0	0	2	0	0	0	0	2	1	0	1	0	2
Markets for natural resources	3	3	0	2	2	3	0	0	0	0	3	-2	1	3	-1	0	1	0	-2	0	0	0
Tourism	-2	0	0	3	0	0	0	0	0	0	-1	0	3	-2	0	2	0	0	2	2	2	0
Climate change	0	-1	1	-3	-3	-2	1	0	-2	0	0	-1	0	-2	0	0	1	0	-1	0	0	1
Community as social group	-3	-3	0	0	-1	0	-2	0	0	0	0	0	0	-2	-1	-2	0	1	2	0	0	0
Solid waste	0	0	0	0	-1	-2	0	0	0	-3	2	-2	0	0	0	-1	0	0	0	0	0	0
Illicit crops	2	3	3	-1	-2	-2	0	0	0	-2	1	-3	0	0	3	-1	3	-2	-3	-3	-3	1
Armed conflict	-1	2	0	-1	-1	-2	-2	-1	-1	-2	0	-3	0	2	0	-1	-3	0	-1	-1	0	0
Fluvial transport	0	0	0	0	-1	1	0	0	1	1	1	-2	1	1	-1	0	0	0	0	0	0	0
Impacts of public policies	-2	2	1	2	1	0	2	0	1	1	0	-3	0	0	-2	0	0	0	-1	2	1	1
Water management	0	0	0	2	0	2	0	0	0	2	-2	0	0	0	0	0	0	0	0	0	0	0
Ancestral knowledge	-2	-3	0	0	3	3	0	0	0	3	0	2	0	-2	0	0	0	0	0	2	1	3
Formal institutions	-3	-3	0	1	1	3	-3	0	0	3	0	2	-1	-2	-1	-1	3	1	1	0	3	3
Formal education	-3	-3	0	-2	-2	3	0	0	0	3	0	3	-1	-3	0	0	3	1	1	3	0	3
Locally fostered research	-3	0	0	0	0	3	0	0	0	0	0	1	0	0	0	0	1	0	1	1	3	0

Table A3.2. Matrix of Direct Influence (MDI) and type (+ or -) of influences/dependences of Mexico.

	Economic activities (for&agr for income)	Monitoring and sanctioning processes	Livelihoods (for subsistence)	Non-paid activities of inhabitants	Migration	Political stability	Environmental legislation	Extraction and exclusion rights	Governance institutions	Property rights system	Collective-choice rules	Economic value of natural resources	Importance of resources for inhabitants	Sanitary infrastructures and services	History of use
Economic activities (for&agr for income)	0	0	3	1	-2	3	0	0	0	0	3	0	0	3	0
Monitoring and sanctioning processes	2	0	3	1	0	3	0	2	0	0	0	3	2	3	3
Livelihoods (for subsistence)	3	1	0	0	-3	2	0	0	0	0	0	3	-2	-3	0
Non-paid activities of inhabitants	-2	0	2	0	-1	2	0	3	1	0	0	-2	1	-1	3
Migration	-3	0	-2	0	0	-1	0	0	0	0	-1	0	3	1	0
Political stability	2	2	1	2	1	0	0	0	0	1	3	2	2	1	2
Environmental legislation	3	0	3	0	0	0	0	3	0	0	2	-2	3	3	0
Extraction and exclusion rights	-3	2	2	3	-1	3	0	0	0	1	1	-2	2	0	3
Governance institutions	3	3	2	3	-3	3	2	3	0	2	3	2	2	3	3
Property rights system	3	3	2	2	0	3	2	3	3	0	2	2	1	0	3
Collective-choice rules	-3	3	2	3	-1	3	1	2	3	0	0	-1	2	0	3
Economic value of natural resources	3	3	3	0	-3	3	0	0	0	0	0	0	3	3	3
Importance of resources for inhabitants	3	3	2	0	-2	2	0	0	2	0	0	3	0	2	3
Sanitary infrastructures and services	-2	0	1	0	0	2	2	0	0	0	0	0	0	0	0
History of use	-3	3	-3	3	-2	3	1	3	3	3	2	1	2	2	0

A3.3. Matrix of Direct Influence (MDI) and type (+ or -) of influences/dependences of Argentina.

	Changes in climate patterns	Resource sustainability	Catches	Seasonality of fishery and tourism	Petrochemical Industry Pole	Tourism	Employment sources	Local markets	Income	History of artisanal fishery	Community networking	Conservation measures	Artisanal fishery
Changes in climate patterns	0	-2	-2	3	0	2	1	0	-2	1	2	-2	-3
Pollution	2	-3	-3	-3	0	-3	-2	-1	-3	-2	3	-3	-3
External governance of fishery	0	3	-3	0	0	1	-2	-1	-2	-2	0	-1	-3
Fishermen associations	0	2	2	0	1	1	-3	2	2	3	1	2	3
Lack of political interest in env. sustainability	0	-3	-2	0	3	-2	-1	0	-2	-2	3	-1	-3
Dredging and LNG project	0	-3	-3	0	2	0	0	0	-2	-2	3	0	-3
Environmental changes in coast and estuary	0	-3	-1	1	0	-3	-2	0	-1	-1	2	-2	-2
Overfishing	0	-3	-3	-1	0	0	2	-1	-2	-2	0	-2	-3
Wildlife	0	2	2	0	0	0	2	0	1	2	2	2	2
Resource sustainability	0	0	2	0	0	2	3	1	2	2	2	3	2
Catches	0	-1	0	0	0	0	1	3	3	2	0	0	-3
Seasonality of fishery and tourism	0	0	3	0	0	3	-2	-2	-3	0	0	0	-2
Petrochemical Industry Pole	0	-3	-3	-2	0	-1	-2	0	-2	-2	3	-1	-3
Tourism	0	-2	0	0	0	0	2	-2	3	0	2	2	2
Employment sources	0	0	0	0	0	0	0	0	3	0	0	0	0
Local markets	0	0	1	0	0	0	2	0	3	-2	0	0	2
Income	0	2	2	0	0	0	3	1	0	1	0	0	2
History of artisanal fishery	0	2	2	0	0	2	1	1	2	0	1	2	3
Community networking	0	3	1	0	-2	1	0	0	0	2	0	3	2
Conservation measures	0	2	2	0	0	3	0	1	2	2	3	0	2
Artisanal fishery	0	3	3	0	0	2	3	2	3	3	2	2	0

