

APPENDIX A
(Supplementary tables)

Table A1 Error matrix for the land use/land cover classification in Google Earth Engine

Class ID*	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	Total
<i>1</i>	41	2	1	0	0	44
<i>2</i>	1	37	0	2	0	40
<i>3</i>	0	0	37	1	0	38
<i>4</i>	0	1	0	28	1	30
<i>5</i>	0	0	2	0	43	45
Total	42	40	40	31	44	186/197
Overall accuracy:						94%
Kappa:						0.93

*Classes are denoted as follows: (1) forest, (2) agricultural mosaic, (3) sugarcane, (4) urban/developed, and (5) beach. Note: The final land use/land cover maps featured in Figure 2/Appendix B include additional classes mapped during post-processing and thus follow a different numbering scheme.

Table A2 Final land cover classes mapped in the study and their descriptions

Land cover class	Description
Terrestrial forest	Non-mangrove, terrestrial forest types identified within the study area, largely humid and dry tropical forest
Mangrove forest	Intact coastal mangrove forest
Agricultural mosaic	Mix of pastures, <i>milpas</i> , coffee plantations, fruit tree orchards, and other small-scale crop production
Sugarcane	Industrial-scale sugarcane monoculture
Urban/developed	Urban and built infrastructure, including residential development and roads
Beach	Sandy or rocky coastal zones
River	Rivers or large streams (limited to those identified in manual post-processing and thus not representative of all rivers and streams in the region)

APPENDIX B
(Supplementary figures)

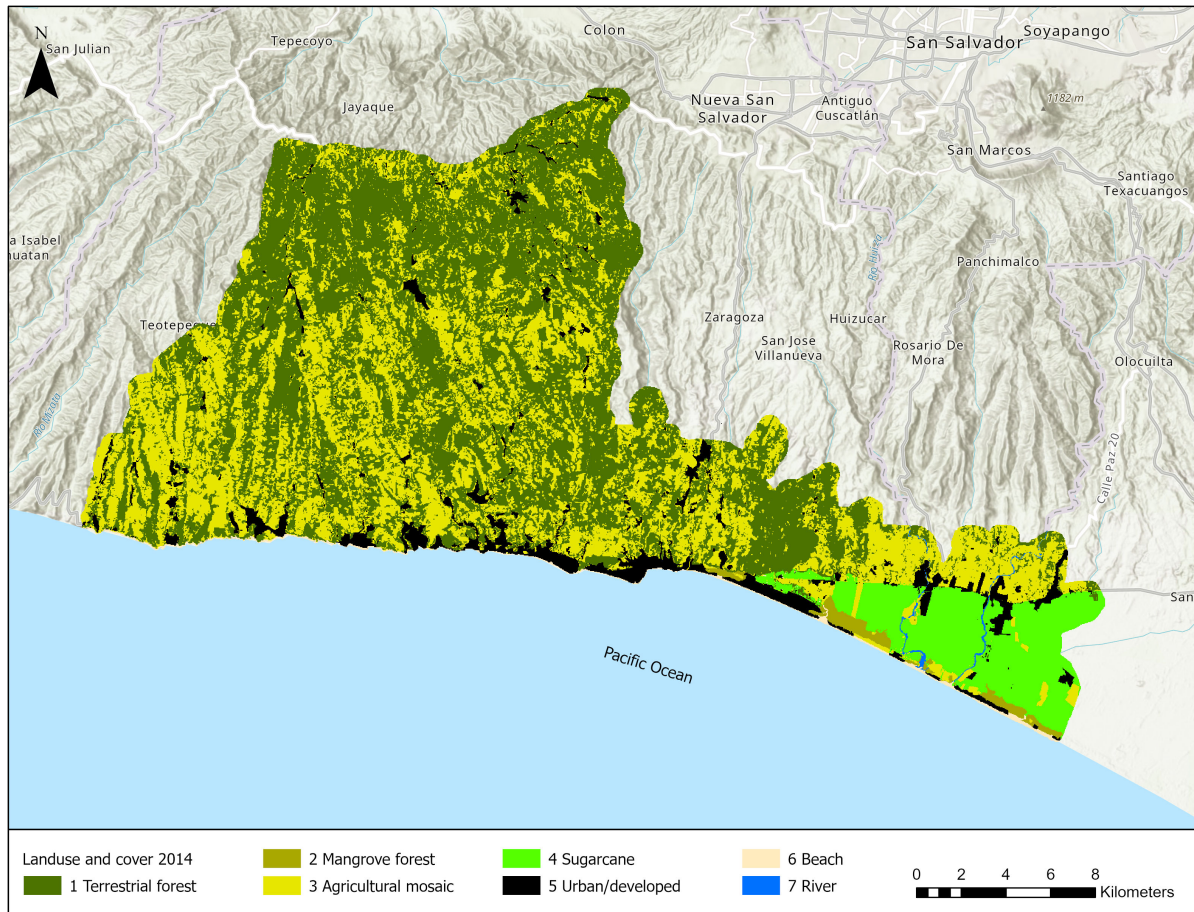


Fig B1 Land use/land cover map of the Balsamo Coast, 2014

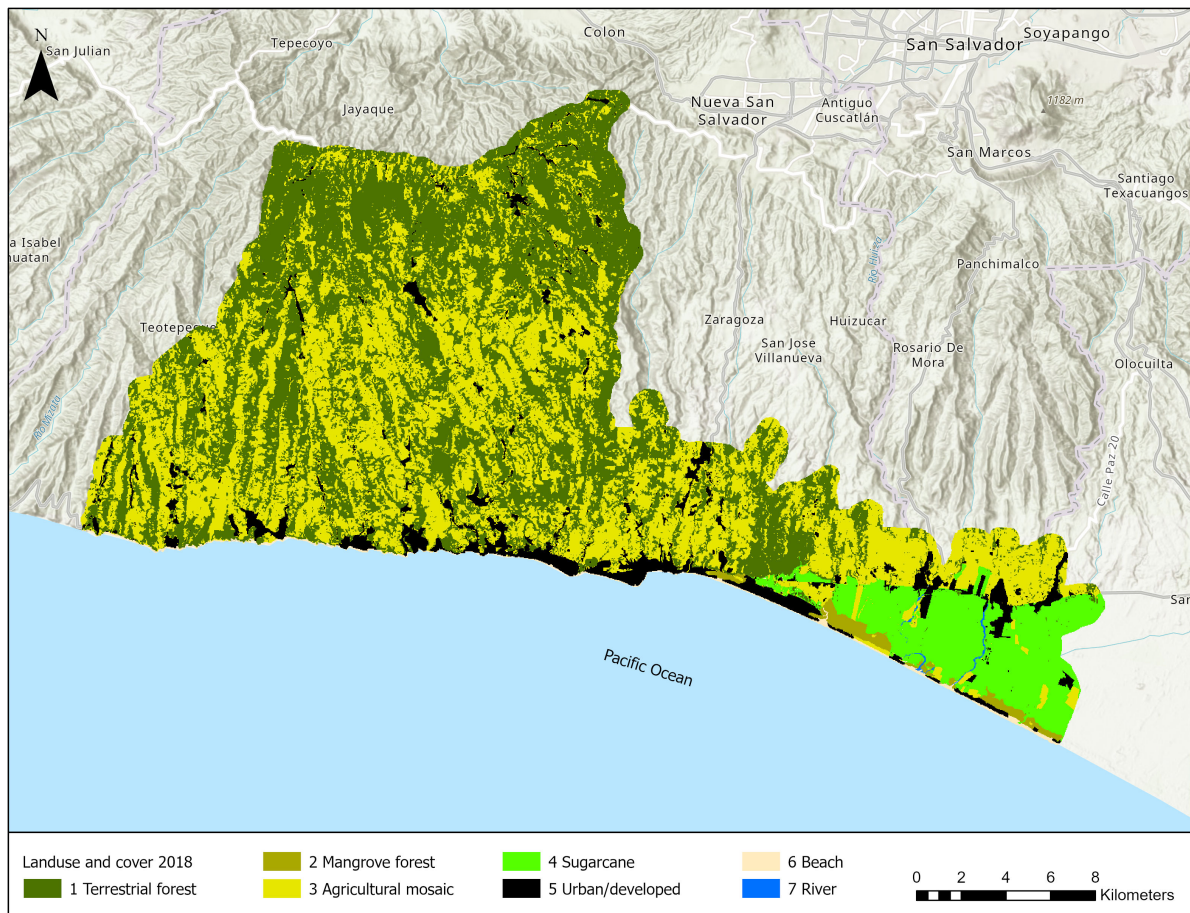


Fig B2 Land use/land cover map of the Balsamo Coast, 2018

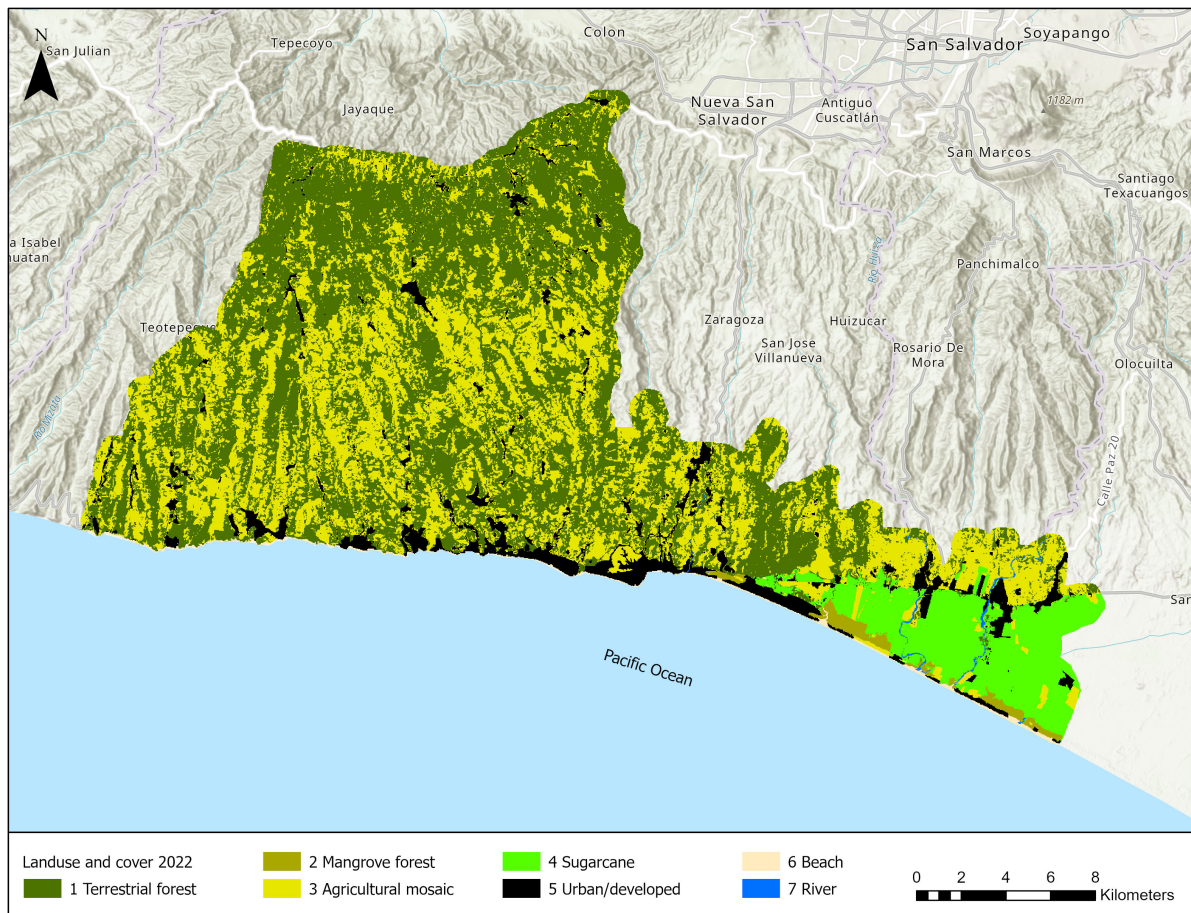


Fig B3 Land use/land cover map of the Balsamo Coast, 2022