

Appendix 1.

Table A.1. Summary of the five specific objectives of this paper, each connected with the adopted methods and the related outcomes.

OBJECTIVES	METHODS	RELATED OUTCOMES
a) To identify the key variables influencing the dynamics of each social-ecological system	Prospective Structural Analysis	Table 2, Appendix 2, Discussion
b) To explore the dependence and influence between these key variables and their roles within each social-ecological system	Prospective Structural Analysis (MII)	Figures 4, 5, 6 and 7, Appendix 3, Discussion
c) To compare the most influential subsystems using Ostrom's framework for analyzing the sustainability of each social-ecological system by identifying different/similar patterns	Prospective Structural Analysis (MII) Mann-Whitney tests	Figures 4, 5, 6 and 7, Appendix 3, Discussion
d) To describe the role played by the key variables within the social-ecological networks in which they are embedded	Prospective Structural Analysis Network Analysis (MDI)	Figures 8, 9, 10 and 11 Table 2, Appendix 4, Discussion
e) To reflect on the resilience of each social-ecological system	Prospective Structural Analysis Network Analysis (MDI)	Figures 8, 9, 10 and 11 Table 2, Discussion