Supplementary Table S1. Documentary Justification Matrix for MCDA Scoring

Analytical Unit	Criterion	Score	Statutory Reference	Management Provision	Justification Note
A – Mrakovica	C1 Ecological Integrity	2	Spatial Plan (2011–2031), Regime III – tourism concentration zone	Fire risk monitoring; visitor flow regulation	High visitor concentration and infrastructure reduce ecological tolerance margins
A – Mrakovica	C2 Cultural Significance	5	Spatial Plan – Cultural–memorial complex designation	Memorial protection and interpretation program	Central memorial complex of national symbolic importance
A – Mrakovica	C3 Tourism Capacity	5	Spatial Plan – Regime III permitted tourism uses	Visitor infrastructure maintenance provisions	Primary tourism node with formal infrastructure and access
A – Mrakovica	C4 Socio-economic	4	Spatial Plan – development provisions	Local employment and tourism objectives	Significant contribution to local economy and park revenue
B – Dispersed Trails	C1 Ecological Integrity	4	Spatial Plan – Regime II controlled-use forest areas	Adaptive forest management; erosion monitoring	Low infrastructure density; distributed visitor pressure
B – Dispersed Trails	C2 Cultural Significance	3	Spatial Plan – recreational designation	Educational trail provisions	Moderate cultural/educational value
B – Dispersed Trails	C3 Tourism Capacity	4	Regime II permitted low-intensity recreation	Carrying capacity management	Compatible with controlled visitation
B – Dispersed Trails	C4 Socio-economic	4	Spatial Plan – regulated recreation development	Community-based tourism measures	Balanced local benefit without concentration risk
C – Cultural Sites	C1 Ecological Integrity	3	Mixed Regime II/III zoning areas	Monitoring and maintenance provisions	Moderate ecological exposure
C – Cultural Sites	C2 Cultural Significance	5	Official heritage recognition in Spatial Plan	Interpretation and heritage maintenance measures	High symbolic and identity value
C – Cultural Sites	C3 Tourism Capacity	3	Limited tourism provisions under zoning rules	Visitor regulation measures	Controlled expansion only
C – Cultural Sites	C4 Socio-economic	3	Spatial Plan – limited development clauses	Governance oversight provisions	Moderate development feasibility
D – Infrastructure Corridors	C1 Ecological Integrity	2	Spatial Plan – access corridors chapter	Impact mitigation measures	Fragmentation and disturbance risk
D – Infrastructure Corridors	C2 Cultural Significance	2	Functional infrastructure zone	-	Limited symbolic value

D – Infrastructure Corridors	C3 Tourism Capacity	4	Permitted infrastructure upgrades (Regime III)	Operational maintenance provisions	Enables park accessibility
D – Infrastructure Corridors	C4 Socio-economic	4	Development-enabling infrastructure provisions	Management feasibility measures	Necessary for park functioning
E – Strict Protection Cores	C1 Ecological Integrity	5	Spatial Plan – Regime I strict protection	Ecological monitoring; non-intervention policy	Highest conservation status
E – Strict Protection Cores	C2 Cultural Significance	2	No major cultural designation in zoning	-	Limited symbolic function
E – Strict Protection Cores	C3 Tourism Capacity	1	Regime I – prohibition of construction	Restricted access provisions	Tourism development not permitted
E – Strict Protection Cores	C4 Socio-economic	1	No development permitted under Regime I	Non-intervention policy	Minimal economic function

Supplementary Table S2. Composite Compatibility Indices under Alternative Weighting Scenarios

Analytical Unit	**S1 (0.50/0.15/0.20/0.15)**	**Rank S1**	**S2 Baseline (0.35/0.15/0.30/0.20)**	**Rank S2**	**S3 (0.25/0.15/0.35/0.25)**	**Rank S3**
A – Mrakovica	3.35	2	3.75	2	4.00	1
B – Dispersed recreation	3.85	1	3.85	1	3.85	2
C – Cultural localities	3.30	3	3.30	3	3.30	3
D – Infrastructure	2.70	5	3.00	4	3.20	4
E – Strict cores	3.15	4	2.55	5	2.15	5