Supplementary material

Table S1. Colombian Departments Ecosystem Resilience (ER). 1985-2022.

NOMBRE_DPT	ER 1985	ER 2022
AMAZONAS	0.149	0.216
ANTIOQUIA	-0.074	0.057
ARAUCA	0.072	0.129
ARCHIPIELAGO DE SAN ANDRES PROVIDENCIA Y SANTA CATALINA	0.000	-0.015
ATLANTICO	-0.002	-0.044
BOLIVAR	-0.050	-0.035
BOYACA	0.157	0.167
CALDAS	0.018	-0.002
CAQUETA	0.101	0.306
CASANARE	-0.040	0.060
CAUCA	0.097	0.140
CESAR	0.051	0.070
CHOCO	0.270	0.312
CORDOBA	0.206	0.102
CUNDINAMARCA	0.089	0.143
GUAINIA	0.068	0.169
GUAVIARE	0.059	0.238
HUILA	0.073	0.122
LA GUAJIRA	0.080	0.098
MAGDALENA	-0.185	-0.089
META	0.404	0.263
NARIÑO	0.138	0.143
NORTE DE SANTANDER	0.092	0.184
PUTUMAYO	0.226	0.133
QUINDIO	0.003	0.046
RISARALDA	0.023	0.082
SANTAFE DE BOGOTA D.C	0.011	0.108
SANTANDER	0.002	0.150
SUCRE	0.019	-0.004
TOLIMA	0.099	0.056
VALLE DEL CAUCA	0.169	0.173
VAUPES	0.056	0.134
VICHADA	0.266	0.208

Ranges	Ranges
<0	**Very Low**
0-0.05	**Low**
0.05-0.1	**Middle**
0.1-0.3	**High**
>0.3	**Very High**

Table S2. Colombian Departments Social Resilience (SR). 1985 - 2022.

NOMBRE_DPT	SR 1985	SR 2022
AMAZONAS	0.025	0.067
ANTIOQUIA	-0.143	-0.244
ARAUCA	-0.009	0.019
ARCHIPIELAGO DE SAN ANDRES PROVIDENCIA Y SANTA CATALINA	0.090	0.157
ATLANTICO	0.115	0.133
BOLIVAR	0.030	0.116
BOYACA	0.124	0.220
CALDAS	-0.014	0.215
CAQUETA	-0.234	-0.003
CASANARE	0.036	0.311
CAUCA	-0.204	-0.042
CESAR	0.031	0.039
CHOCO	-0.037	0.036
CORDOBA	-0.024	0.054
CUNDINAMARCA	0.151	0.283
GUAINIA	-0.062	-0.113
GUAVIARE	-0.081	-0.006
HUILA	0.022	0.287
LA GUAJIRA	0.074	-0.059
MAGDALENA	0.021	0.197
META	0.097	0.525
NARIÑO	0.053	0.011
NORTE DE SANTANDER	0.047	0.046
PUTUMAYO	-0.075	0.065
QUINDIO	0.051	0.272
RISARALDA	0.113	0.232
SANTAFE DE BOGOTA D.C	0.470	0.276
SANTANDER	0.081	0.413
SUCRE	-0.045	0.058
TOLIMA	0.022	0.092
VALLE DEL CAUCA	0.082	0.238
VAUPES	0.017	-0.265
VICHADA	-0.055	-0.353

Ranges	Ranges
<0	**Very Low**
0-0.06	**Low**
0.06-0.1	**Middle**
0.1-0.3	**High**
>0.3	**Very High**

Table S3. Colombian Departments Production System Resilience (PR). 1985 - 2022.

NOMBRE_DPT	PR 1985	PR 2022
AMAZONAS	0.119	0.06
ANTIOQUIA	0.326	0.24
ARAUCA	0.129	0.23
ARCHIPIELAGO DE SAN ANDRES PROVIDENCIA Y SANTA CATALINA	0.036	0.02
ATLANTICO	0.070	0.09
BOLIVAR	0.206	-0.01
BOYACA	0.427	0.52
CALDAS	0.291	0.12
CAQUETA	0.277	-0.02
CASANARE	0.143	0.05
CAUCA	0.396	0.28
CESAR	0.384	-0.55
CHOCO	0.074	-0.05
CORDOBA	0.248	0.09
CUNDINAMARCA	0.709	0.42
GUAINIA	-0.031	-0.23
GUAVIARE	-0.189	-0.18
HUILA	0.115	0.21
LA GUAJIRA	-0.173	0.02
MAGDALENA	0.288	0.05
META	0.334	0.13
NARIÑO	0.378	0.24
NORTE DE SANTANDER	0.349	0.08
PUTUMAYO	0.119	-0.01
QUINDIO	0.051	0.46
RISARALDA	0.174	0.21
SANTAFE DE BOGOTA D.C	-0.055	0.00
SANTANDER	0.158	0.22
SUCRE	0.148	-0.05
TOLIMA	0.445	0.15
VALLE DEL CAUCA	0.527	0.28
VAUPES	0.149	-0.19
VICHADA	0.186	-0.12

Ranges	Ranges
<0	**Very Low**
0-0.08	**Low**
0.08-0.3	**Middle**
0.3-0.4	**High**
>0.4	**Very High**

Table S4. Colombian Departments Socio-ecological Resilience Integrated Index (SERII). 1985 - 2022.

NOMBRE_DPT	SERII 1985	SERII 2022
AMAZONAS	**0.29**	**0.34**
ANTIOQUIA	**0.11**	**0.05**
ARAUCA	**0.19**	**0.37**
ARCHIPIELAGO DE SAN ANDRES PROVIDENCIA Y SANTA CATALINA	**0.13**	**0.16**
ATLANTICO	**0.18**	**0.18**
BOLIVAR	**0.19**	**0.07**
BOYACA	**0.71**	**0.91**
CALDAS	**0.30**	**0.33**
CAQUETA	**0.14**	**0.29**
CASANARE	**0.14**	**0.42**
CAUCA	**0.29**	**0.38**
CESAR	**0.47**	**-0.44**
CHOCO	**0.31**	**0.30**
CORDOBA	**0.43**	**0.25**
CUNDINAMARCA	**0.95**	**0.85**
GUAINIA	**-0.02**	**-0.17**
GUAVIARE	**-0.21**	**0.05**
HUILA	**0.21**	**0.62**
LA GUAJIRA	**-0.02**	**0.06**
MAGDALENA	**0.12**	**0.16**
META	**0.83**	**0.92**
NARIÑO	**0.57**	**0.40**
NORTE DE SANTANDER	**0.49**	**0.31**
PUTUMAYO	**0.27**	**0.19**
QUINDIO	**0.10**	**0.78**
RISARALDA	**0.31**	**0.52**
SANTAFE DE BOGOTA D.C	**0.43**	**0.38**
SANTANDER	**0.24**	**0.78**
SUCRE	**0.12**	**0.00**
TOLIMA	**0.57**	**0.30**
VALLE DEL CAUCA	**0.78**	**0.69**
VAUPES	**0.22**	**-0.32**
VICHADA	**0.40**	**-0.27**

Ranges	Ranges
<=0	**Very Low**
0-0.2	**Low**
0.2-04	**Middle**
0.4-0.6	**High**
>0.6	**Very High**

Table S5. Management Score (MS) in Colombian departments. 1985-2022.

NOMBRE_DPT	MS 1985-2022
LA GUAJIRA	-3.79880143
VAUPES	-2.445820834
CESAR	-1.944607848
VICHADA	-1.673323246
GUAVIARE	-1.239525264
SUCRE	-0.963601119
BOLIVAR	-0.601664406
ANTIOQUIA	-0.545417978
TOLIMA	-0.474083416
CORDOBA	-0.419977721
NORTE DE SANTANDER	-0.367607776
NARIÑO	-0.303649075
PUTUMAYO	-0.288703148
VALLE DEL CAUCA	-0.113840305
CUNDINAMARCA	-0.10454615
SANTAFE DE BOGOTA D.C	-0.104079517
CHOCO	-0.037267483
ATLANTICO	0.002635303
META	0.097216488
CALDAS	0.114785244
AMAZONAS	0.165266396
MAGDALENA	0.256896838
BOYACA	0.287756559
ARCHIPIELAGO DE SAN ANDRES PROVIDENCIA Y SANTA CATALINA	0.289150021
CAUCA	0.315602989
RISARALDA	0.69161898
ARAUCA	0.955156175
CAQUETA	0.99863876
HUILA	1.926586333
CASANARE	2.043989819
SANTANDER	2.2524532
GUAINIA	6.278608272
QUINDIO	6.471264801

Ranges	Ranges
<=-1.0	**Very Low**
=-1 - 0	**Low**
0-2	**Middle**
2 - 6	**High**
>6	**Very High**