Appendix A

For the article 'Horizontal aggregation of spatially biased ecosystem condition indicators – a GIS based workflow'

Anders Lorentzen Kolstad   Matthew Grainger   Marianne Evju
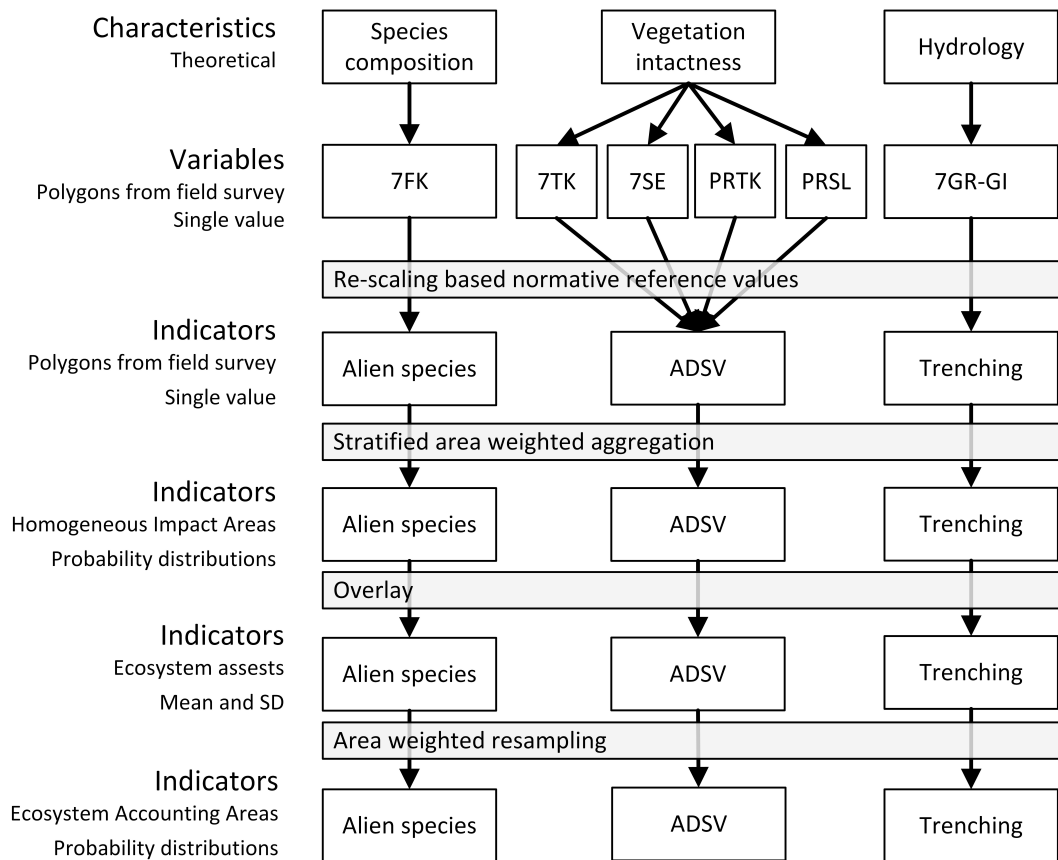
2024-04-08

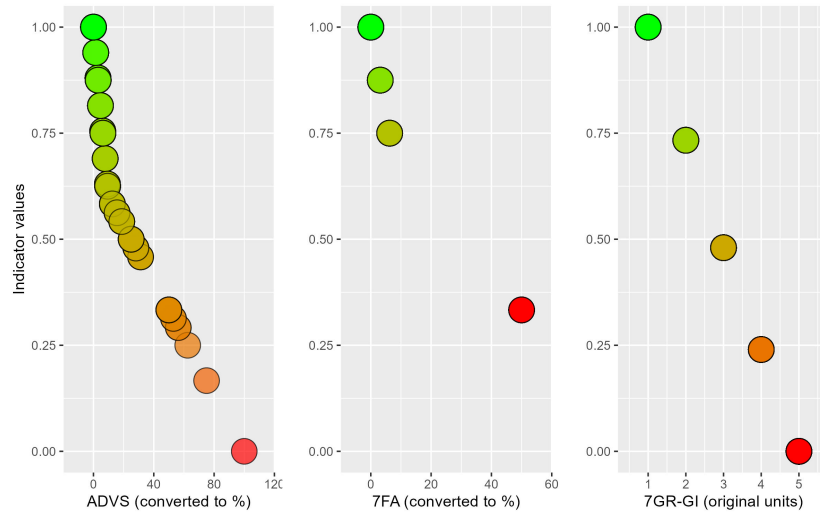Figure S 1: Schematic workflow followed in this paper. ADSV = Anthropogenic Disturbance to Soil and Vegetation.

Figure S 2: Custom re-scaling of variables to indicators. Unique threshold values are assignes to each variable and this value is normalised to become 0.6 on the indicator scale (y-axis). The variables also differ in the number of possible values they can take, hence the varying number of points for the three panes.
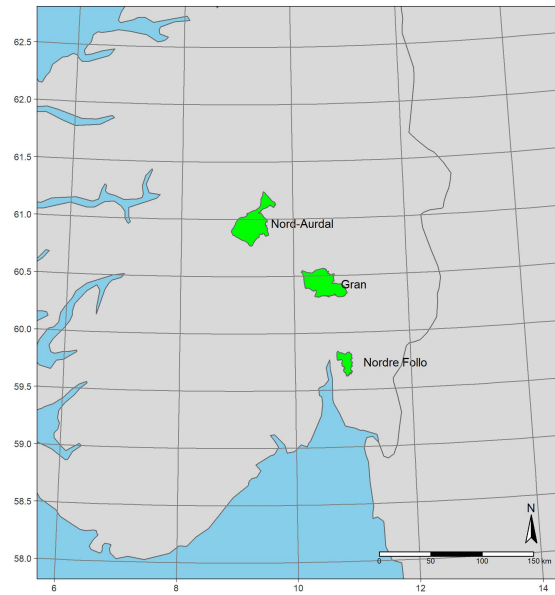

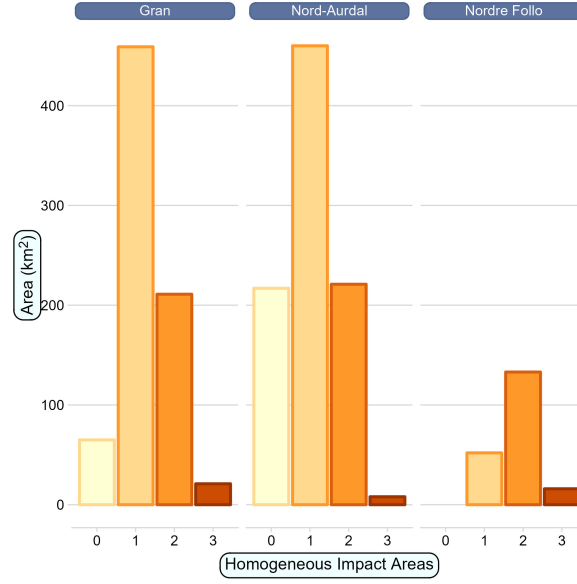Figure S 3: Position of the three example municipalities in Norway.

Figure S 4: Barplot showing the total area from each homogeneous impact area in three Norwegian municipalities

Table S 1: Indicator values for three ecosystem condition indicators in three Norwegian municipalities. Values are medians with 2.5 and 97.5 percentiles for the distribution of possible values.

Indicator	Indicator value
Gran	
ADSV	0.79 [0.72 - 0.94]
Alien species	0.93 [0.89 - 0.97]
Trenching	0.85 [0.60 - 0.98]
Nord-Aurdal	
ADSV	0.86 [0.82 - 0.88]
Alien species	0.97 [0.91 - 0.99]
Trenching	0.86 [0.82 - 0.94]
Nordre Follo	
ADSV	0.95 [0.88 - 1.00]
Alien species	0.90 [0.84 - 0.96]
Trenching	0.26 [0.04 - 0.50]