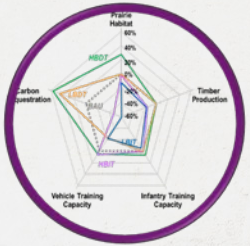
SYNTHESIZING InVEST OUTPUTS

OVERVIEW

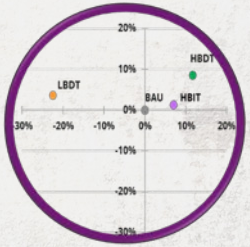
natural capital PROJECT

AGGREGATE

Table and bar chart

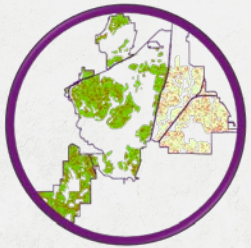


Spider diagram

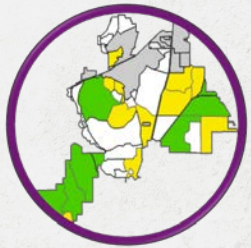


Tradeoff plot

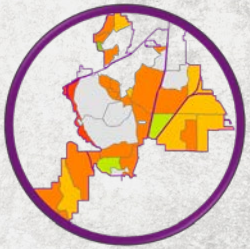
SPATIALLY EXPLICIT



Detail map



Management unit map

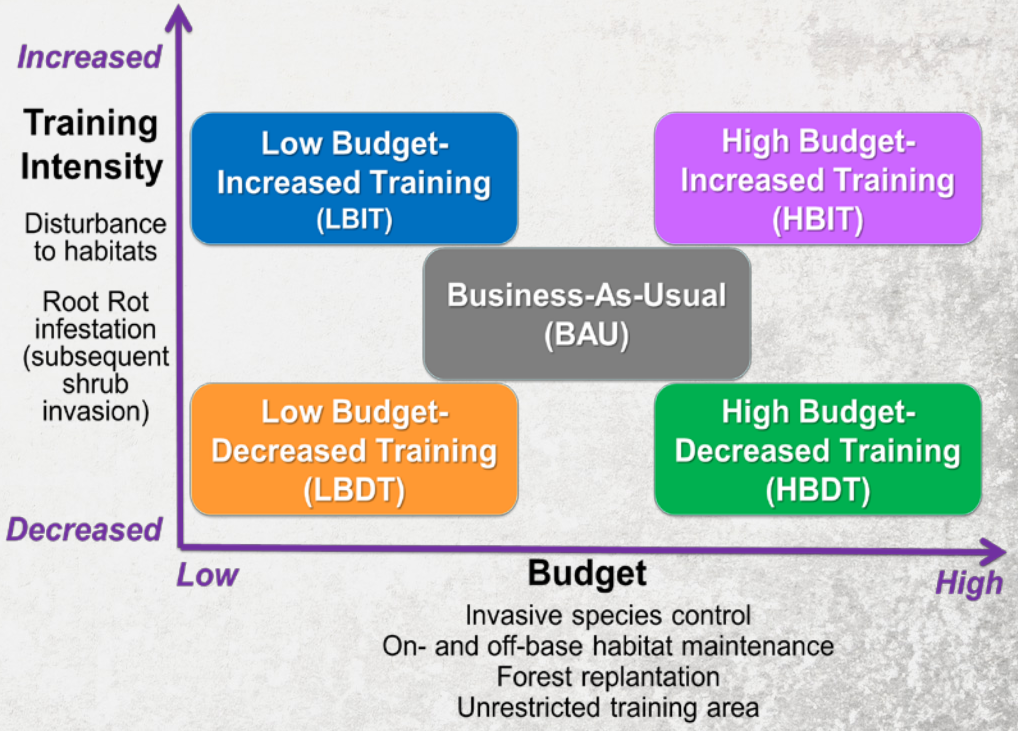


Change map

CASE BACKGROUND
JOINT BASE LEWIS-McCHORD (JBLM)

- **Ecosystem Services**
  - Sustainability of prairie habitat
  - Carbon sequestration
  - Timber production
  - Infantry training capacity
  - Vehicle training capacity

- **Scenarios**



AGGREGATE OUTPUTS

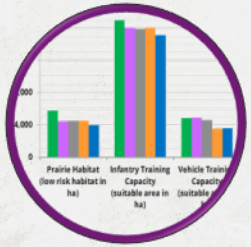
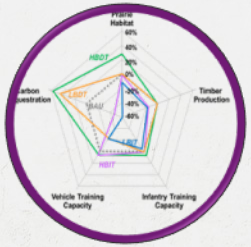
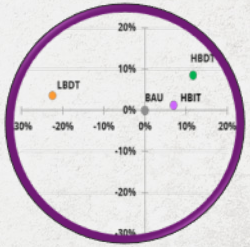


Table and Bar chart



Spider diagram

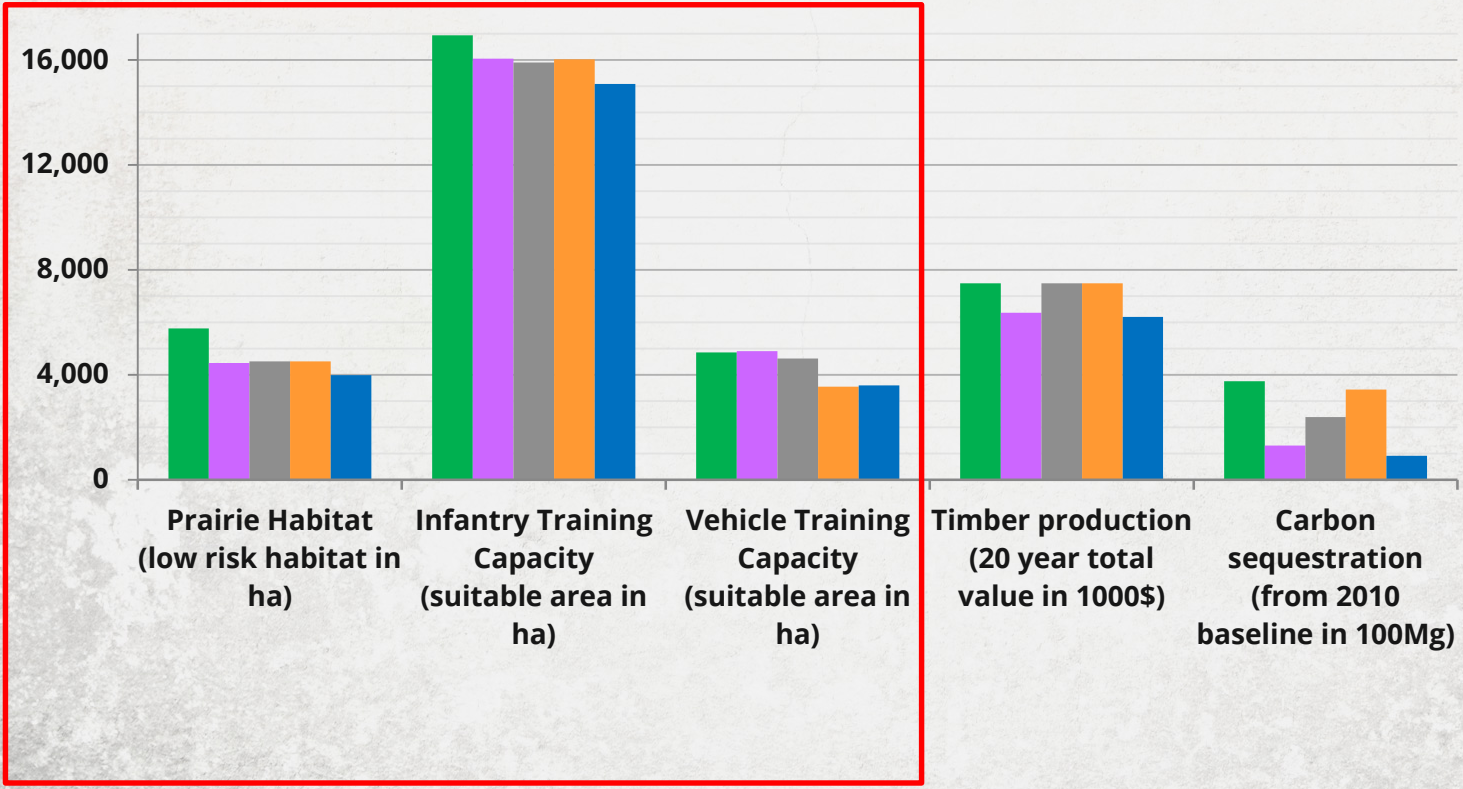


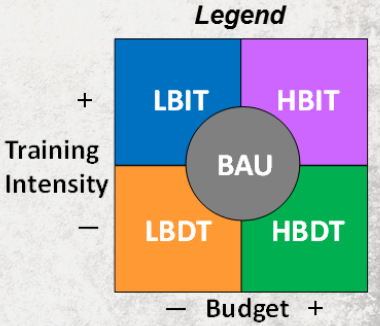
Tradeoff plot

AGGREGATE OUTPUTS
TABLE

Ecosystem Service	Infantry Training Capacity	Vehicle Training Capacity	Puget Sound Prairie Sustainability	Timber Production	Carbon Sequestration
Measure / Management Scenarios	Suitable area (1000 ha)	Suitable area (1000 ha)	Low-risk habitat (1000 ha)	Net present value (1M $)	Biomass (1000 Mg)
High Budget-Decreased Training	16.9 (7%)	4.86 (5%)	5.77 (28%)	74.9 (0%)	375 (57%)
High Budget-Increased Training	16.0 (1%)	4.90 (6%)	4.45 (-1%)	63.6 (-15%)	130 (-46%)
Business-As-Usual	15.9 (0%)	4.62 (0%)	4.51 (0%)	74.9 (0%)	239 (0%)
Low Budget-Decreased Training	16.0 (1%)	3.55 (-23%)	4.52 (0%)	74.9 (0%)	343 (44%)
Low Budget-Increased Training	15.1 (-5%)	3.60 (-22%)	3.98 (-12%)	62.1 (-17%)	92 (-62%)

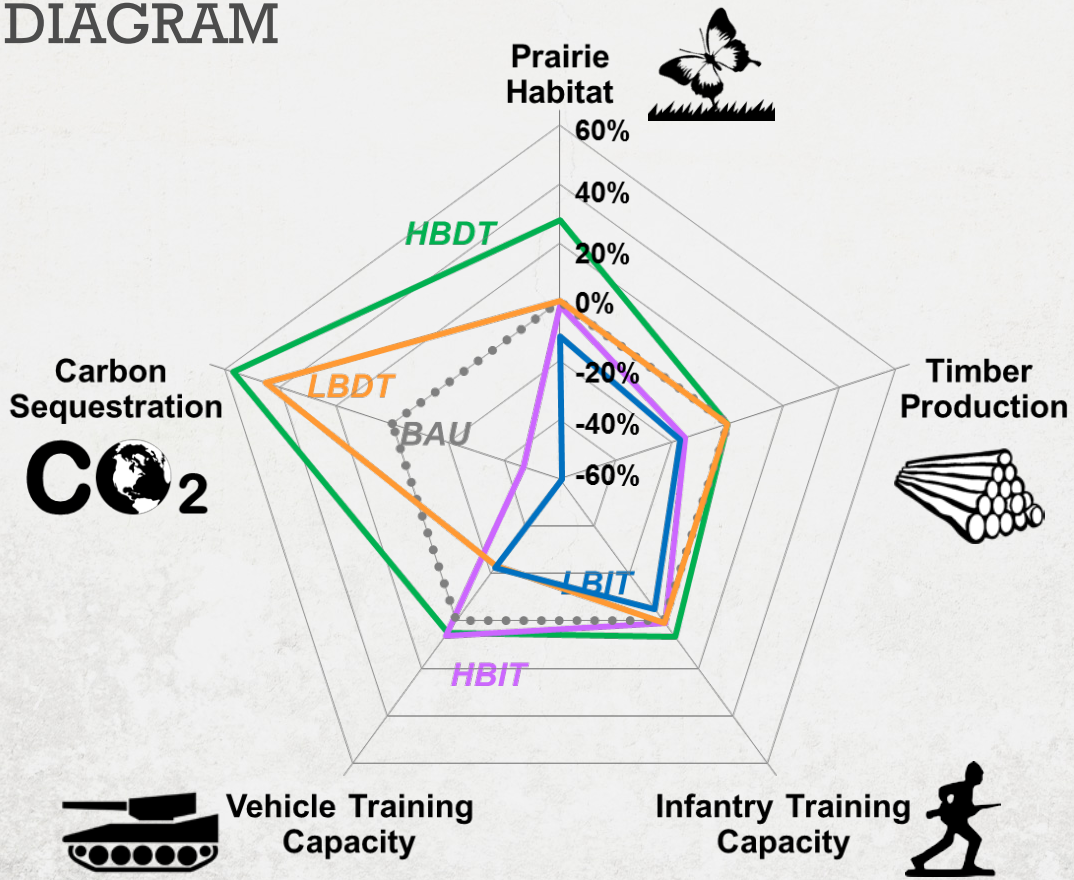
AGGREGATE OUTPUTS
BAR CHART

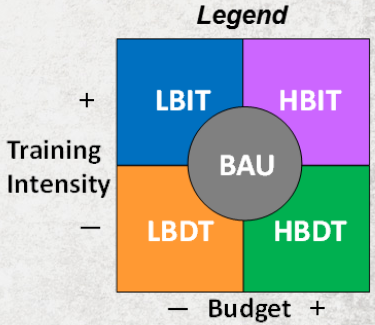




AGGREGATE OUTPUTS

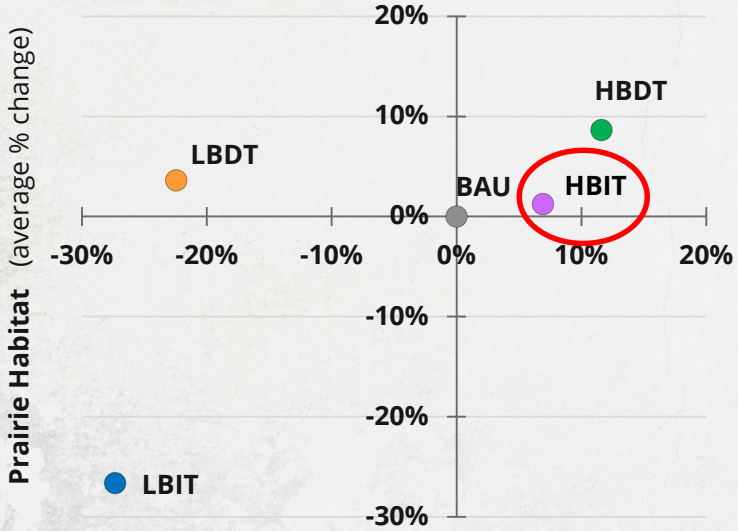
SPIDER DIAGRAM





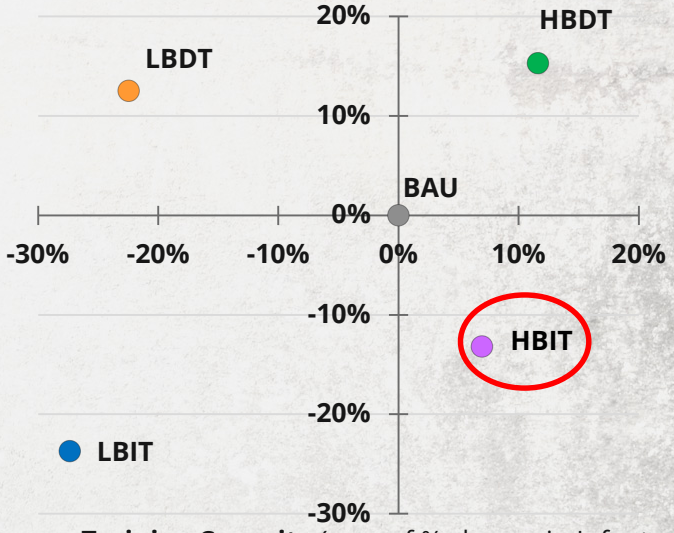
AGGREGATE OUTPUTS
TRADEOFF PLOT

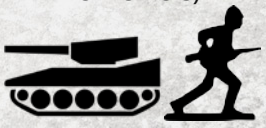
(A)



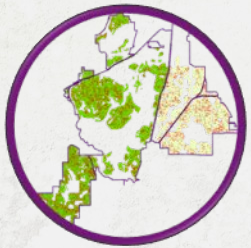
(B)

Carbon + Habitat + Timber (average % change)

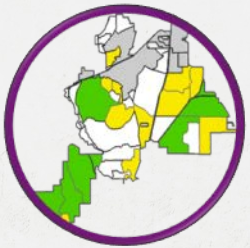




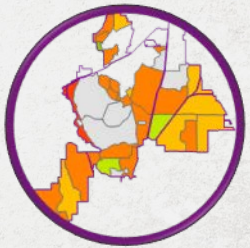
SPATIALLY EXPLICIT OUTPUTS



Detail map



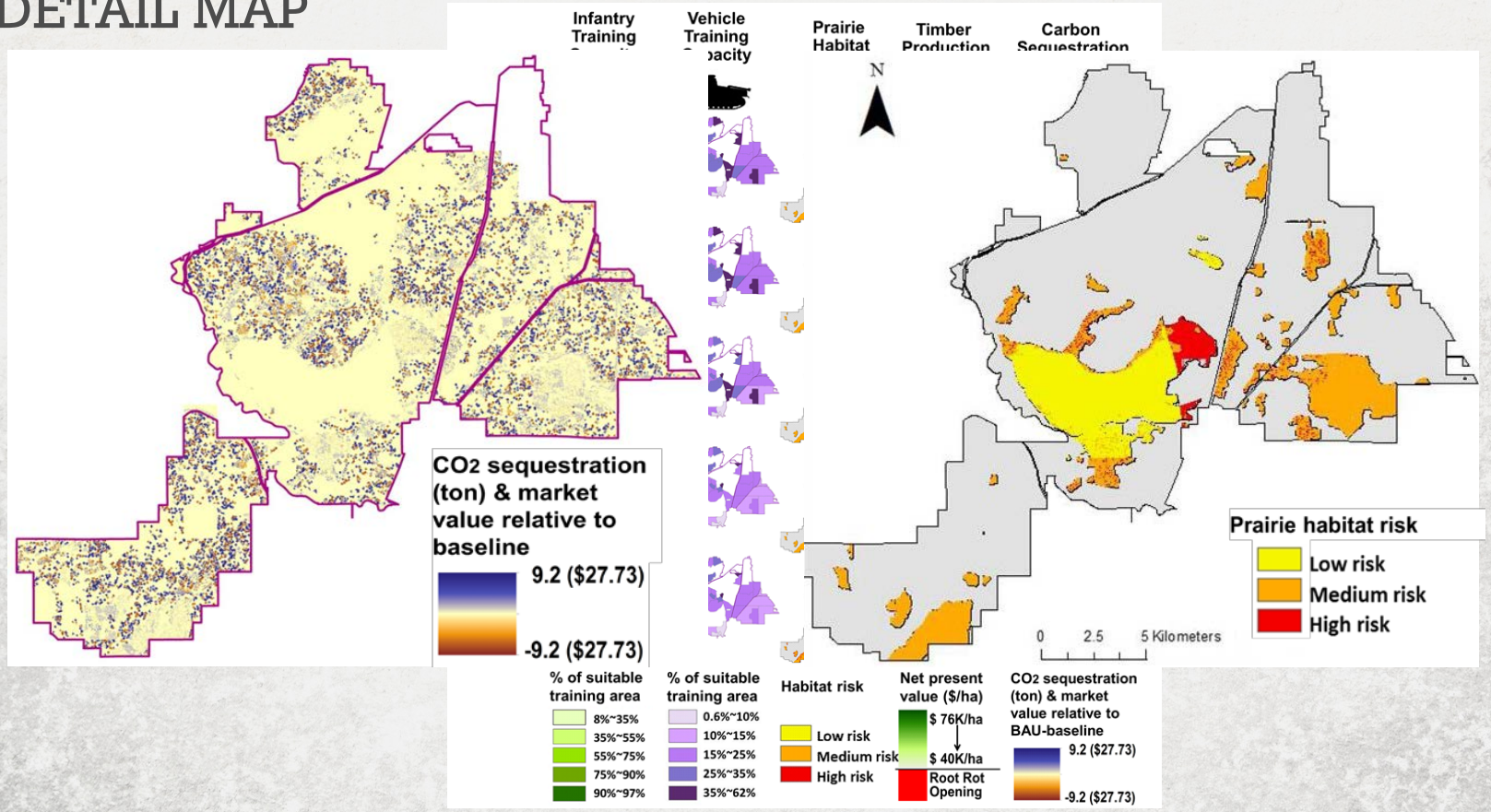
Management unit map



Change Map

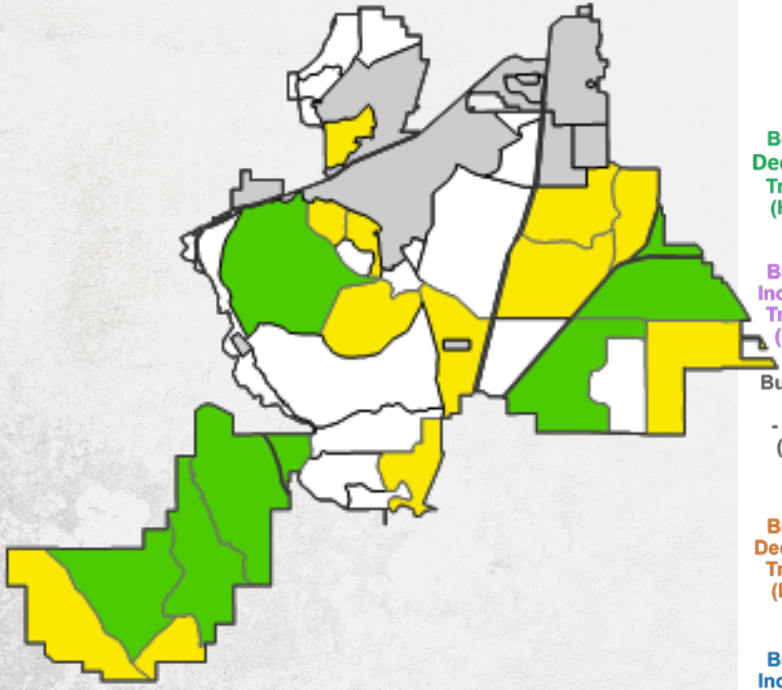
SPATIALLY EXPLICIT OUTPUTS

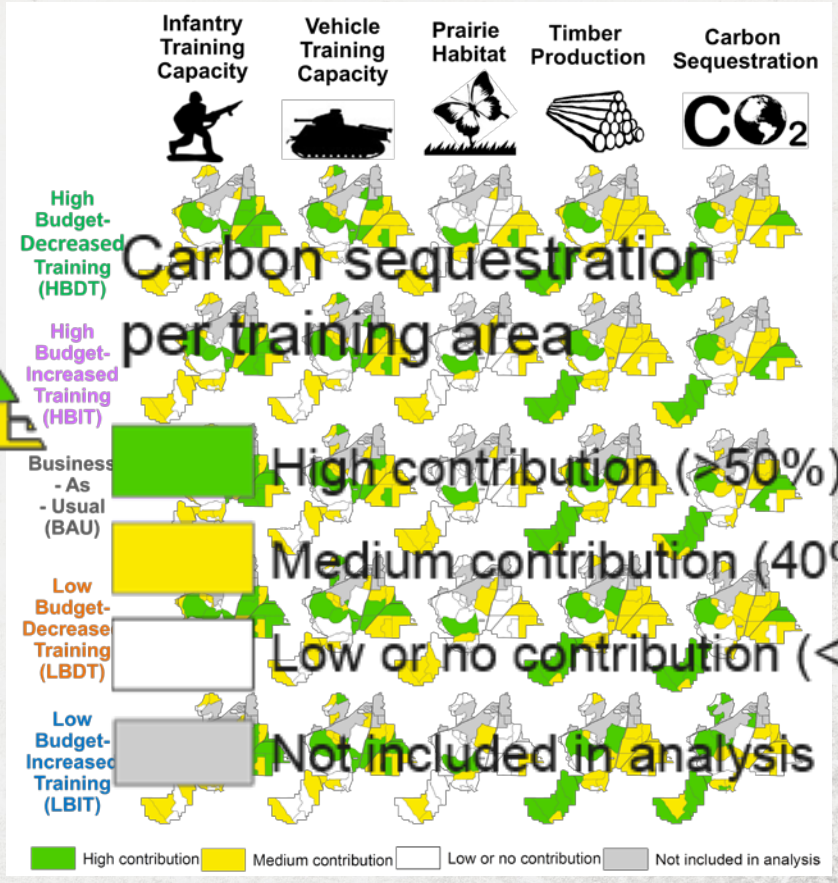
DETAIL MAP



SPATIALLY EXPLICIT OUTPUTS

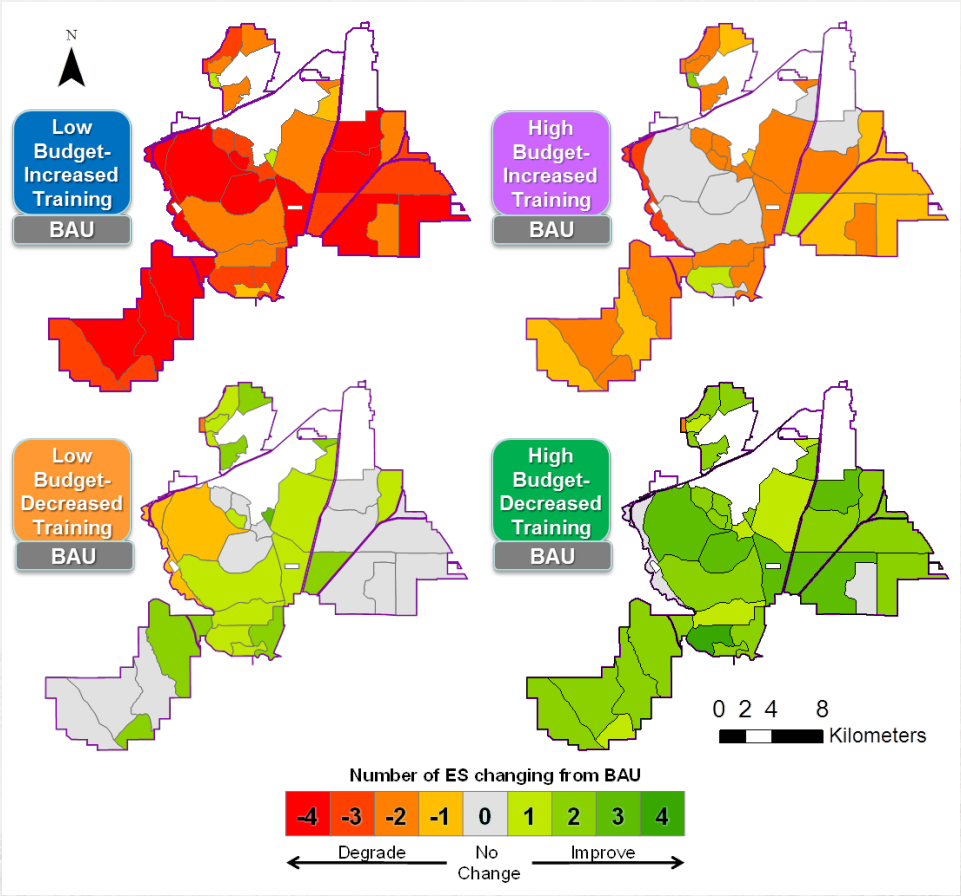
MANAGEMENT UNIT MAP





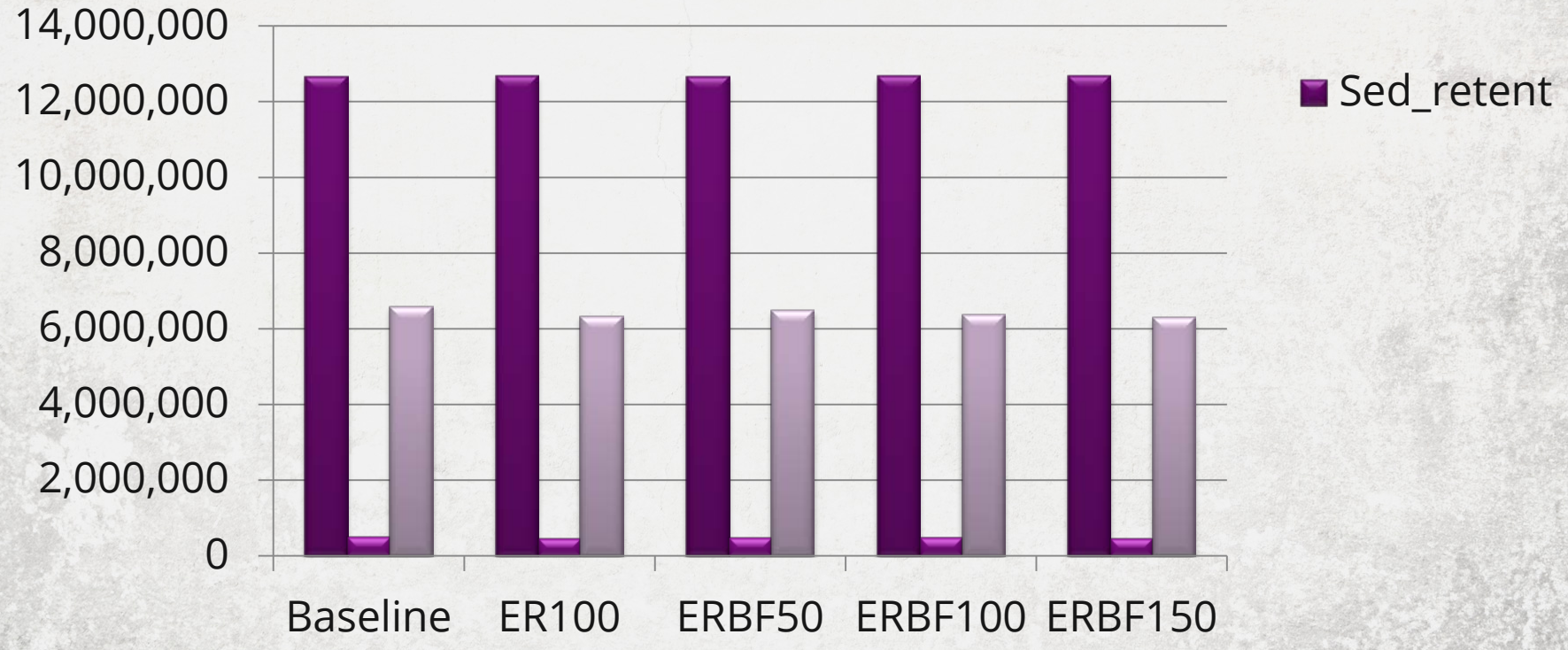
SPATIALLY EXPLICIT OUTPUTS

CHANGE MAPS



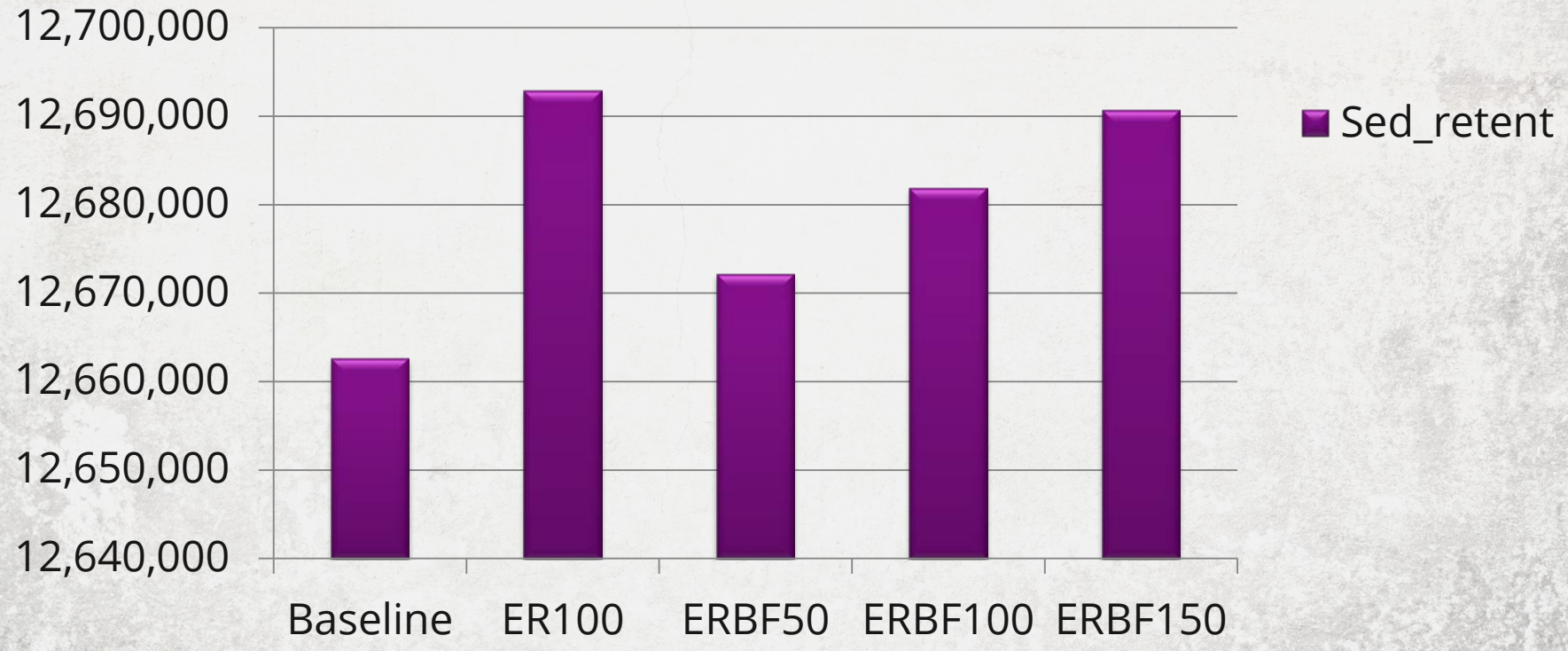
SDR FROM RIOS SCENARIOS

ABSOLUTE VALUES (MG/YR)



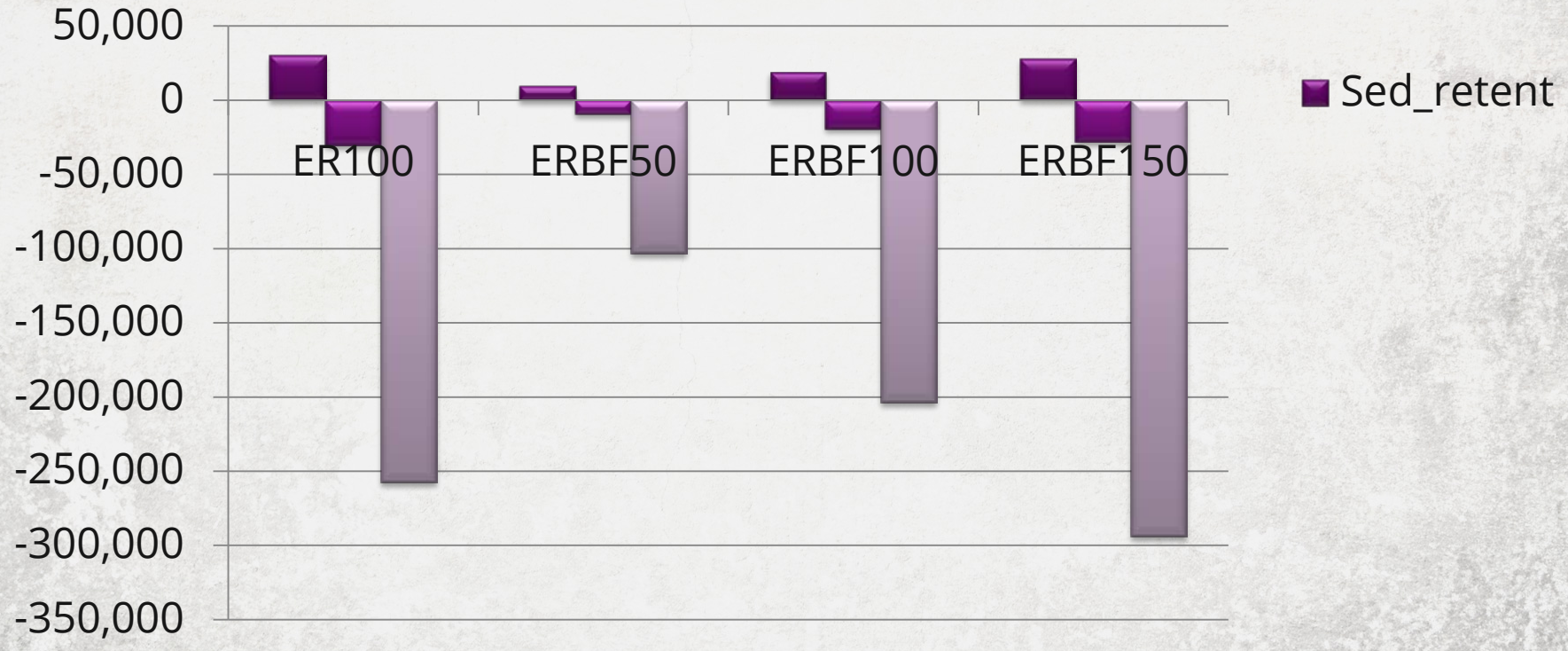
SDR FROM RIOS SCENARIOS

ABSOLUTE VALUES (MG/YR)



SDR FROM RIOS SCENARIOS

ABSOLUTE VALUES – BASELINE (MG/YR)



SDR FROM RIOS SCENARIOS

RELATIVE VALUES FROM BASELINE (%) = (SCENARIO – BASELINE)/BASELINE * 100