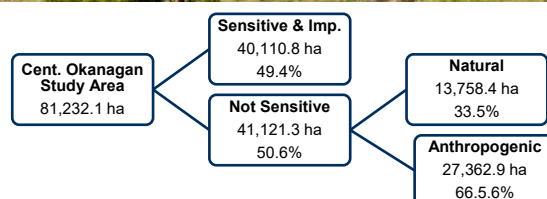


# Technical Data Summary | Central Okanagan

The 2021 Central Okanagan Sensitive Ecosystem Inventory Update study area is 81,232.1 ha – of which 49.4 per cent remains classified as *Sensitive* or *Important* ecosystems.



## Central Okanagan Summary of Anthropogenic and Natural Areas Change

Type	Original		Updated		Areal difference (ha)	Change Percentage point change	Percentage gain/loss <sup>1</sup>
	Area (ha)	Proportion	Area (ha)	Proportion			
Anthropogenic	25,019.3	30.8%	27,362.9	33.7%	2,343.0	2.9%	9.4%
Natural (Sensitive and Not Sensitive) <sup>2</sup>	56,208.5	69.2%	53,869.2	66.3%	-2,338.7	-2.9%	-4.2%
Totals	81,227.9	100%	81,232.1	100%			

## Central Okanagan Summary of SEI Distribution

Type	SEI Category	SEI Unit	Original		Updated		Areal difference (ha)	Change Percentage point change	Percentage gain/loss <sup>1</sup>
			Area (ha)	Proportion	Area (ha)	Proportion			
Sensitive	Broadleaf Woodland	BW	254.0	0.3%	230.7	0.3%	-23.3	0.0%	-9.2%
Sensitive	Grassland	GR	6,911.9	8.5%	6,162.1	7.6%	-749.8	-0.9%	-10.9%
Sensitive	Old Forest	OF	368.1	0.5%	440.6	0.5%	72.5	0.0%	19.7%
Sensitive	Riparian	RI	3,219.4	4.0%	3,167.5	3.9%	-51.8	-0.1%	-1.6%
Sensitive	Sparsely Vegetated	SV	1,821.8	2.2%	1,786.7	2.2%	-35.1	0.0%	-1.9%
Sensitive	Coniferous Woodland	WD	16,211.5	20.0%	15,357.6	18.9%	-853.9	-1.1%	-5.3%
Sensitive	Wetland	WN	874.7	1.1%	901.7	1.1%	27.0	0.0%	3.1%
Important	Seasonally Flooded	FS	36.2	0.04%	30.6	0.0%	-5.6	0.0%	-15.5%
Important	Mature Forest	MF	2,779.6	3.4%	12,033.2	14.8%	9,253.6	11.4%	332.9%
Not Sensitive	Not Sensitive	NS	48,750.7	60.0%	41,121.3	50.6%	-7,629.4	-9.4%	-15.7%
Totals			81,227.9	100%	81,232.1	100%			

### Notes:

- Red text indicates a loss in area pre- to post-update.
- \*Note the study area does not encompass the entirety of RDCO, please reference study area diagram within the full SEI update report.
- It is important to reference all three categories (columns) of **change** differences to gain relative perspective of ecosystem and habitat change.
- <sup>1</sup> **Percentage gain/loss** is the amount each category has changed from pre to post update relative to itself. % change = [ Change Areal difference (ha) / Original Area (ha) ] \* 100.
- <sup>2</sup> *Sensitive*, *Important*, and *Not Sensitive* ecosystem classification types are specifically defined per standardized SEI methodology. This means that not all natural areas are defined as *sensitive*. For example, while *Young Forest* may be intact and natural, they are not exclusively defined as a *sensitive* ecosystem by SEI classification type.
- The increase in *Mature Forest* and *Old Forest* was a result of structural stage updates (i.e. aging/maturing); Notable *Mature Forest* ecosystems areas were previously *Not Sensitive*.
- **Percentage point change** is the difference between the pre and post update proportional values. For example, in the above table natural areas in Central Okanagan decreased by 2.9 percentage points, 66.3% - 69.2% = -2.9% pts, meaning that 2.9% of the Central Okanagan's study area that used to be natural is no longer so, and anthropogenic increased by that same amount.
- Any changes in area of municipalities are a result of reconciling the spatial data in and between the original products.