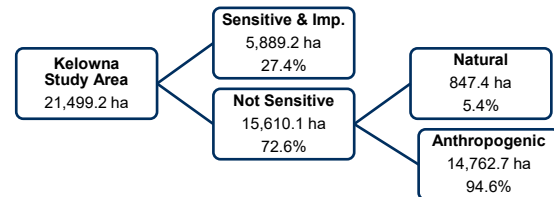


Technical Data Summary | Kelowna

The study area in Kelowna is 21,499.2 ha – of which 27.4 per cent remains classified as *Sensitive* or *Important* ecosystems.



Kelowna Summary of Anthropogenic and Natural Areas Change

Type	Original		Updated		Areal difference (ha)	Change Percentage point change	Percentage gain/loss ¹
	Area (ha)	Proportion	Area (ha)	Proportion			
Anthropogenic	13,829.2	64.0%	14,762.7	69.0%	933.5	5.0%	6.7%
Natural (Sensitive and Not Sensitive) ²	7,670.0	36.0%	6,736.5	31.0%	-933.5	-5.0%	-12.2%
Totals	21,499.2	100%	21,499.2	100%			

Kelowna Summary of SEI Distribution

Type	SEI Category	SEI Unit	Original		Updated		Areal difference (ha)	Change Percentage point change	Percentage gain/loss ¹
			Area (ha)	Proportion	Area (ha)	Proportion			
Sensitive	Broadleaf Woodland	BW	43.4	0.2%	31.1	0.1%	-12.3	-0.1%	-28.3%
Sensitive	Grassland	GR	1,445.3	6.7%	1,121.9	5.2%	-323.4	-1.5%	-22.4%
Sensitive	Old Forest	OF	86.2	0.4%	84.6	0.4%	-1.6	0.0%	-1.9%
Sensitive	Riparian	RI	502.3	2.3%	495.5	2.3%	-6.8	0.0%	-1.4%
Sensitive	Sparsely Vegetated	SV	290.2	1.4%	268.7	1.2%	-21.5	-0.2%	-7.4%
Sensitive	Coniferous Woodland	WD	3,395.0	15.8%	3,006.9	14.0%	-388.1	-1.8%	-11.4%
Sensitive	Wetland	WN	246.6	1.2%	270.0	1.3%	23.4	0.1%	9.5%
Important	Seasonally Flooded	FS	32.4	0.2%	26.8	0.1%	-5.6	-0.1%	-17.3%
Important	Mature Forest	MF	70.1	0.3%	583.7	2.7%	513.6	2.4%	732.7%
Not Sensitive	Not Sensitive	NS	15,387.8	71.6%	15,610.1	72.6%	222.3	1.0%	1.4%
Totals			21,499.2	100%	21,499.2	100.0%			

Notes:

- Red text indicates a loss in area pre- to post-update.
- It is important to reference all three categories (columns) of **change** differences to gain relative perspective of ecosystem and habitat change.
- ¹ **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.
- ² *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* 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 Kelowna decreased by 5 percentage points, 31.0% - 36.0% = -5.0% pts, meaning that 5% of the Kelowna'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.