Hi Laurence,

The PMBC dataset is probably the one I thought needed a password.

But I am not sure a password is needed; I can download it without a password here:

<https://catalogue.data.gov.bc.ca/dataset/parcelmap-bc-parcel-fabric#edc-pow>

(Parcel Fabric File Geodatabase (NAD83 / BC Albers) à Explore à Access / Download)

* Keep fields: ‘PARCEL\_NAME’, ‘PLAN\_NUMBER’, ‘PIN’, ‘PID’, ‘OWNER\_TYPE’, ‘MUNICIPALITY’, ‘REGIONAL\_DISTRICT’, ‘OBJECTID\*’, ‘SHAPE\*’
* Remove fields: ‘PARCEL\_FABRIC\_POLY\_ID’, ‘PARCEL\_STATUS’, ‘PARCEL\_CLASS’, ‘PARCEL\_START\_DATE’, ‘WHEN\_UPDATED’, ‘FEATURE\_AREA\_SQM’, ‘FEATURE\_LENGTH\_M’, ‘SE\_ANNO\_CAD\_DATA’
* Clip to HTG marine territory **(\* Note that whenever I have said this, I mean to include both the Core AND Marine territories!!! Sorry, I think this may not have been clear for the other datasets. I have attached the statement of intent area boundaries as separate files – these are the areas to clip to.)**
* Add field ‘SOI’ and intersect with SOIs data (for this it’s best to use the combined SOIs dataset) and calculate the SOI field as ‘core’ or ‘marine’

For roads, make sure the dataset is Digital Road Atlas (DRA) – Master Partially-Attributed Roads (NOT … Demographic Partially-Attributed Roads.) The output dataset should be roads.shp.

* Clip to road\_mask (attached)
* Keep fields: RDALIAS1, RDALIAS2, RDNAME, RDSURFACE, ROAD\_CLASS, NUMLANES, CPTRDATE, FEAT\_LEN
* Remove fields: FTYPE, HWYEXITNUM, HWYRTENUM, SEGLNGTH2D, SEGLNGTH3D, RDALIAS1ID, RDALIAS3, RDALIAS3ID, RDALIAS4, RDALIAS4ID, RDNAMEID, FNODE, TNODE, SPPLR, SPPLR\_DTL, CPTRCHN, FCODE, OBJECTID
* Add field: road\_type and classify based on ROAD\_CLASS as follows:
  + ‘freeway’, ‘highway’  à ‘highway’
  + ‘arterial’, ‘collector’, ‘ramp’ à ‘main’
  + ‘local’, ‘lane’ à ‘local’
  + ‘ferry’ à ‘ferry’
  + ‘unclassified’ à ‘unnamed/logging’
  + ‘alleyway’, ‘driveway’, ‘private’, ‘recreation’, ‘resource’, ‘restricted’, ‘runway’, ‘service’, ‘strata’, ‘yield’ à ‘other’
  + ‘pedestrian’, ‘trail’ à ‘path’
  + ‘proposed’ à ‘proposed’
* Dissolve on RDNAME, road\_type then explode features to get separate features for roads with the same name & road type but in different communities.
* Add field ‘SOI’ and intersect with SOI data to classify as ‘core’, ‘marine’ or ‘WHA’

I hope all that is clear? Sorry about any confusion over clipping to WHA or marine territories!

I think the instructions for ALR & remediation sites is clear? Please let me know if you have any questions or if you have any trouble accessing the PMBC data.

Thanks!

M.J.

Hi Laurence,

Sorry I haven’t managed to get those last instructions to you.

The last datasets, with rough instructions, are:

ALC ALR Polygons à ALR.shp

               None of the existing fields (except the Shape field, of course) are needed.

               Add field ‘crown’ and classify as ‘yes’ or ‘no’ based on intersection with lands data

               Add field ‘selected\_by’ with values based on intersection with lands data (null where no value in lands)

Environmental Remediation Sites à remediation\_sites.shp

               Keep ADDRESS, and SITE\_ID (preferably change field name to REMED\_ID)

               Otherwise add and calculate fields using same values as for ALR

Digital Road Atlas (DRA) à roads.shp

Clip to SW BC mask (I’ll have to give you this)

Dissolve on road name and then explode (This combines individual streets into single features instead of segments, then separates streets with the same name – e.g. each ‘First Street’ in BC should be one separate feature in each community where there is one.)

Add field ‘SOI’ and intersect with SOI data to classify as ‘core’, ‘marine’ or ‘WHA’

Add field ‘road\_type’ and classify as ‘highway’, ‘main’, ‘local’, ‘unnamed/logging’, ‘ferry’, or ‘other’. [I will have to give you the mapping for this]

And the Parcel Map BC data (<https://catalogue.data.gov.bc.ca/dataset/parcelmap-bc-parcel-fabric>) àPMBC.shp (or PMBC.gdb – this one might be better as a file gdb?)

Clip to HTG Marine territory

Classify as ‘core’ or ‘marine’

**I will try to get more filled out instructions and that mask dataset to you by noonish tomorrow.**

I haven’t had time to get the code from GitHub fully working yet (I have the environment set up but still getting the paths right and datasets in the right place).

… I was just about to recommend using a global variable for filepaths but just noticed you did it at least an hour ago! 😊

\*\*Also, I can’t remember if I mentioned that HTG only has the basic licence for its ArcGIS software, so please make sure none of the arcpy code is using anything that is not available at that licence level.

Thanks Laurence!

M.J.