

Run

```
(Alt) In[ ]:=
$AlbumDirectory =
"C:\\drorbn\\Album\\2026.10.02_Bruce_Hike_51-_Bruce_Peninsula_National_Park";

(Alt) In[ ]:=
res = 800;
fs = FileNames[$AlbumDirectory <> "/*.gpx"];
fs = Complement[fs,
  Union[
    StringReplace[{"@.gpx" → ".gpx", "@.kml" → ".kml"}] /@
    Select[fs, StringPart[#, -5] == "@" &]
  ]
];
data = DeleteCases[
  Union@Table["Geometry" /. Import[f, "Data"], {f, fs}],
  GeoPosition[{}, None]], ∞
];
BruceData =
  Union["Geometry" /. Import[$AlbumDirectory <> "../Summaries/Bruce_Trail.gpx", "Data"]];
map0 = GeoGraphics[{Red, data}, GeoScaleBar → "Kilometers", ImageSize → res];
AllTracks = Get["C:\\drorbn\\Album\\Summaries\\AllTracks.m"];

(Alt) In[ ]:=
Rasterize[
  map = GeoGraphics[{Thickness[0.001], Purple, BruceData,
    Thickness[0.0016], Blue, AllTracks, Thickness[0.0024], Red, data},
    GeoScaleBar → "Kilometers",
    ImageSize → res,
    GeoRange → (GeoRange /. Options[map0])
  ],
  RasterSize → res
];
Export[$AlbumDirectory <> "/Path%.png", map];

(Alt) In[ ]:=
map3D = Echo@ResourceFunction["GeoElevationGraphics3D"] [
  {Purple, BruceData, Thick, Blue, AllTracks, Red, data},
  GeoGridRangePadding → 0,
  GeoScaleBar → "Kilometers",
  ImageSize → res,
  GeoRange → (GeoRange /. Options[map0])
];
Export[$AlbumDirectory <> "/Path3D.png", map3D]
```

(Alt) In[]:=

```

PathsLocation = Module[{R = 3000, r = 9, n = 6, res = 1000},
  ImageAssemble[
    Partition[#, 3] &@Table[
      Rasterize[
        GeoGraphics[{Thickness[(2 n - k) / 6000], Purple, BruceData,
          Thickness[(2 n - k) / 4000], Blue, AllTracks, Red, Thickness[(2 n - k) / 1500], data},
          GeoCenter → Mean@Cases[data, GeoPosition[L_List] :> Mean[L], ∞],
          GeoRange → Quantity[R (r / R)(k-1) / (n-1), "Kilometers"],
          GeoScaleBar → "Kilometers",
          ImageSize → res
        ],
        RasterSize → res
      ],
      {k, n}],
    "Fit", Background → White]
]
Export[$AlbumDirectory <> "/PathsLocation.png", PathsLocation]

```

Map with photo thumbnails

(Alt) In[]:=

```

imgs = FileNames["*.jpg", $AlbumDirectory];
map = GeoGraphics[{
  GeoMarker[
    GeoPosition[{1, -1} *
      Lookup[Lookup[Import[#, "Exif"], "GPSInfo"], {"GPSLatitude", "GPSLongitude"}]],
    Graphics@Rasterize[Import[#, "Image"], RasterSize → res],
    "Scale" → 0.0075
  ] & /@ imgs,
  Thickness[0.0016], Purple, BruceData, Blue, AllTracks, Thickness[0.0024], Red, data
},
GeoScaleBar → "Kilometers",
ImageSize → res,
GeoRange → (GeoRange /. Options[map0])
]
Export[$AlbumDirectory <> "/PathWithImages.png", map]

```

Image Directory

```

If[Head[PensieveDirectives] === List,
  ImageComments = "ImageComments" /. PensieveDirectives, ImageComments = {}];
(Interpretation[ImageResize[Import@#, 400], #] → (# /. ImageComments /. (# → ""))) & /@
FileNames["*.jpg" | "*.jpeg" | "*.png" | "*.mp4", $AlbumDirectory]

```

Export

My department has an annual trip to Tobermory and Itai and I decided to join about 30 other department people for the 54th trip - a hike along the Bruce trail, mostly within the Bruce Peninsula National Park, brilliantly organized by Robert McCann . An 18.3km hike (parts of the group did a part of that) .

```
PensieveDirectives = {  
  "TitleNotes" →  
    "My department has an annual trip to Tobermory and Itai and I decided to join about  
      30 other department people for the 54th trip - a hike along the Bruce trail,  
      mostly within the Bruce Peninsula National Park, brilliantly organized by  
      Robert McCann. An 18.3km hike (parts of the group did a part of that).",  
  "ImageComments" → {}  
}
```