

Run

```

In[*]:= $AlbumDirectory = "C:\\drorbn\\Album\\2026.07.11-12_Bruce_Hike_49-50-_Owen_Sound_West";

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"];

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];

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]

```

```

PathsLocation = Module[{R = 3000, r = 12, 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

```

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

With Itai : a 16.1km Bruce hike on Saturday with a 10km return by bike (Itai on < a href = ../Equipment/Bromp/index . html > Bromp < /a >, I on < a href = ../Equipment/Marli/index . html > Marli < /a >), then a 17.8km Bruce hike on Sunday with a 16.9km return by bike . Full days!

```
PensieveDirectives = {
  "TitleNotes" →
    "With Itai: a 16.1km Bruce hike on Saturday with a 10km return by bike (Itai
      on <a href=../Equipment/Bromp/index.html>Bromp</a>, I on <a
        href=../Equipment/Marli/index.html>Marli</a>), then a 17.8km
        Bruce hike on Sunday with a 16.9km return by bike. Full days!",
  "ImageComments" → {}
}
```