

Run

```

In[*]:= res = 1600;
SetDirectory["C:\\drorbn\\Album\\2025.07.26-08.30_Groningen"];
fs = FileNames["*.gpx"]
data = DeleteCases[
  Union@Table["Geometry" /. Import[f, "Data"], {f, fs}],
  GeoPosition[{{_, None}}, ∞
];
map0 = GeoGraphics[{Red, data}, GeoScaleBar → "Kilometers", ImageSize → res];
AllTracks = Get["../Summaries/AllTracks.m"];
Rasterize[
  map = GeoGraphics[{Thickness[0.0008], Blue, AllTracks, Thickness[0.0024], Red, data},
    GeoScaleBar → "Kilometers",
    ImageSize → res,
    GeoRange → (GeoRange /. Options[map0])
  ],
  RasterSize → res
]
Export["Paths.png", map];
(*map3D=Echo@ResourceFunction["GeoElevationGraphics3D"] [
  {Thick, Blue, AllTracks, Red, data},
  GeoGridRangePadding→0,
  GeoScaleBar→"Kilometers",
  ImageSize ->res,
  GeoRange->(GeoRange /. Options[map0])
];
Export["PathsInSydney3D.png", map3D] *)

```

Out[8]=

```
{ 2025-07-28_2444157168_250728 Groningen Ride_ Stadspark.gpx,
  2025-07-29_2446770326_250729 Groningen Ride_ Kardingerheuvel.gpx,
  2025-07-30_2449653320_250730 Groningen Ride_ Hoornsemeer Windmills.gpx,
  2025-08-01_2454458427_250801 Groningen Ride_ Meerstad.gpx,
  2025-08-04_2461600180_250804 Groningen Ride_ Vegro Zorgwinkel.gpx,
  2025-08-04_2463046335_250804 Groningen Ride_ Aeolus.gpx,
  2025-08-05_2465991009_250805 Groningen Ride_ Krimstermolen.gpx,
  2025-08-06_2468865414_250806 Groningen Ride_ Ina Boudierplantsoen.gpx,
  2025-08-07_2472263966_250807 Groningen Ride_ de Jonge Held en de Zuidwendinger.gpx,
  2025-08-12_2488644830_250812 Groningen Ride_ Hoogkerk.gpx,
  2025-08-13_2491244769_250813 Groningen Ride_ Industry South.gpx,
  2025-08-18_2506499939_250818 Groningen Ride_ Westindischekade.gpx,
  2025-08-18_2507333527_250818 Groningen Walk_ Noorderzon.gpx,
  2025-08-19_2509737497_250819 Groningen Ride_ Garmerwolde.gpx,
  2025-08-20_2512357021_250820 Groningen Ride_ Harssens.gpx,
  2025-08-20_2512897766_250820 Groningen Walk_ Bridges.gpx,
  2025-08-21_2515037067_250821 Groningen Ride_ Aduard.gpx,
  2025-08-26_2530266602_250826 Groningen Ride_ Mill de Helper.gpx,
  2025-08-27_2532779060_250827 Groningen Ride_ Ni Hao.gpx,
  2025-08-28_2534784403_250828 Groningen Ride_ Haren.gpx}
```

» C:\drorbn\Album\Summaries

GeoPosition: GeoPosition[{{53.2316, 7.46333}, None}] is not a valid position specification.

In ..\2020.02.01_Groningen_to_Leer_Ride\PathInTimeline.gpx

removed GeoPosition[{{53.2316, 7.46333}, None}].

GeoPosition: GeoPosition[{{43.8711, -78.7311}, None}] is not a valid position specification.

In ..\2020.06.06_Darlington_Pickering_Toronto_Reverse_Ride\PathInTimeline.gpx

removed GeoPosition[{{43.8711, -78.7311}, None}].

GeoPosition: GeoPosition[{{43.6591, -79.4025}, None}] is not a valid position specification.

General: Further output of GeoPosition::invpos will be suppressed during this calculation.

```

In ..\2020.06.13_Sunnybrook_Park_Ride\PathInTimeline@gpx
removed GeoPosition[{{43.6591, -79.4025}, None}].

In ..\2020.06.20_Penetanguishene-Tiny_Ride\PathInTimeline@gpx
removed GeoPosition[{{44.7738, -79.9389}, None}].

In ..\2020.06.28_Eugenia_Collingwood_Ride\PathInTimeline.gpx
removed GeoPosition[{{44.3142, -80.5197}, None}].

In ..\2020.07.04_Bruce_Hike_1-Niagara_to_Welland\PathInTimeline.gpx
removed GeoPosition[{{43.1588, -79.0515}, None}].

In ..\2020.07.25_Collingwood-Tiny_Ride\PathFromTimeline.gpx
removed GeoPosition[{{44.4952, -80.2203}, None}].

In ..\2020.08.01_Bruce_Hike_3-Lake_Moodie_to_Swayze_Falls\PathFromTimeline@gpx
removed GeoPosition[{{43.1075, -79.2492}, None}].

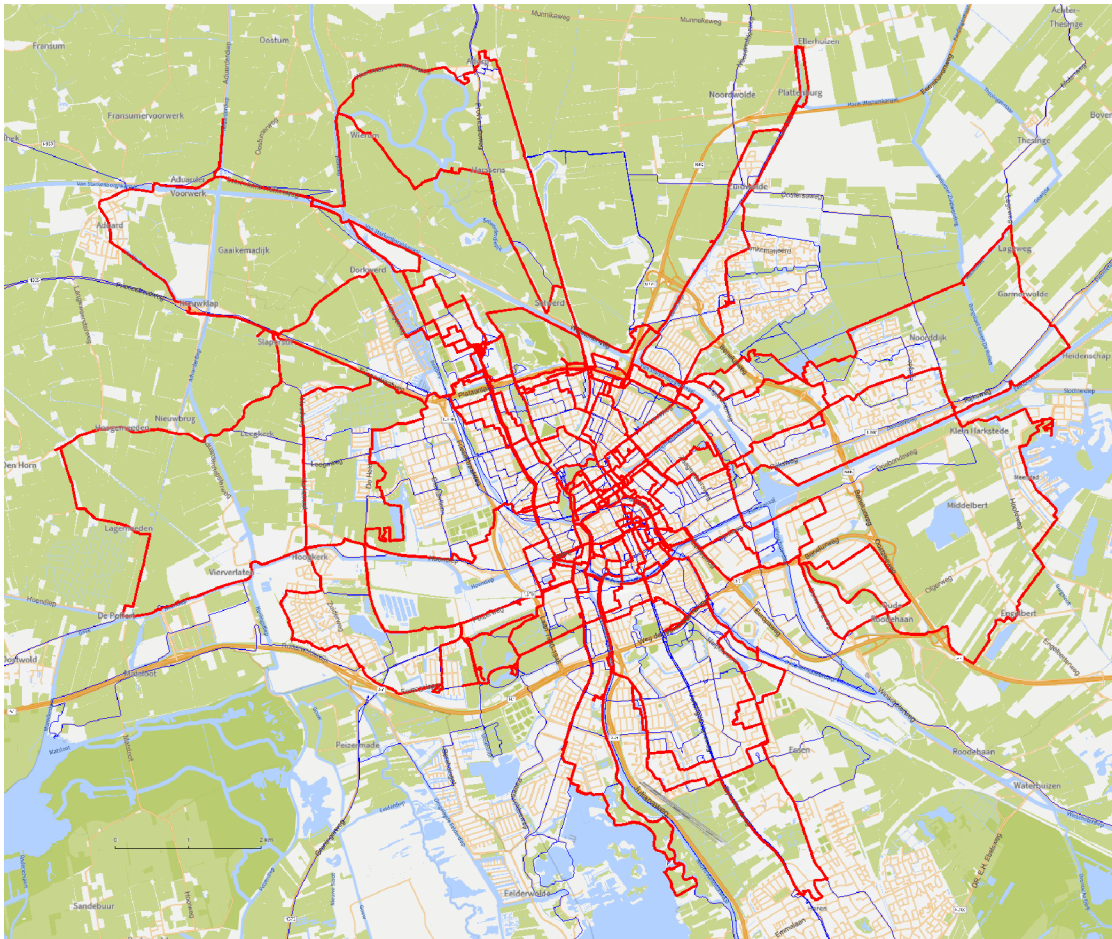
In ..\2020.08.08_Kinmount_Haliburton_Return_Ride\PathFromTimeline.gpx
removed GeoPosition[{{44.7816, -78.6525}, None}].

In ..\2022.05.07_Hike_Around_Nataf\Route_2022-05-07.gpx
removed GeoPosition[{{31.8317, 35.0661}, None}].

```

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Out[8]=

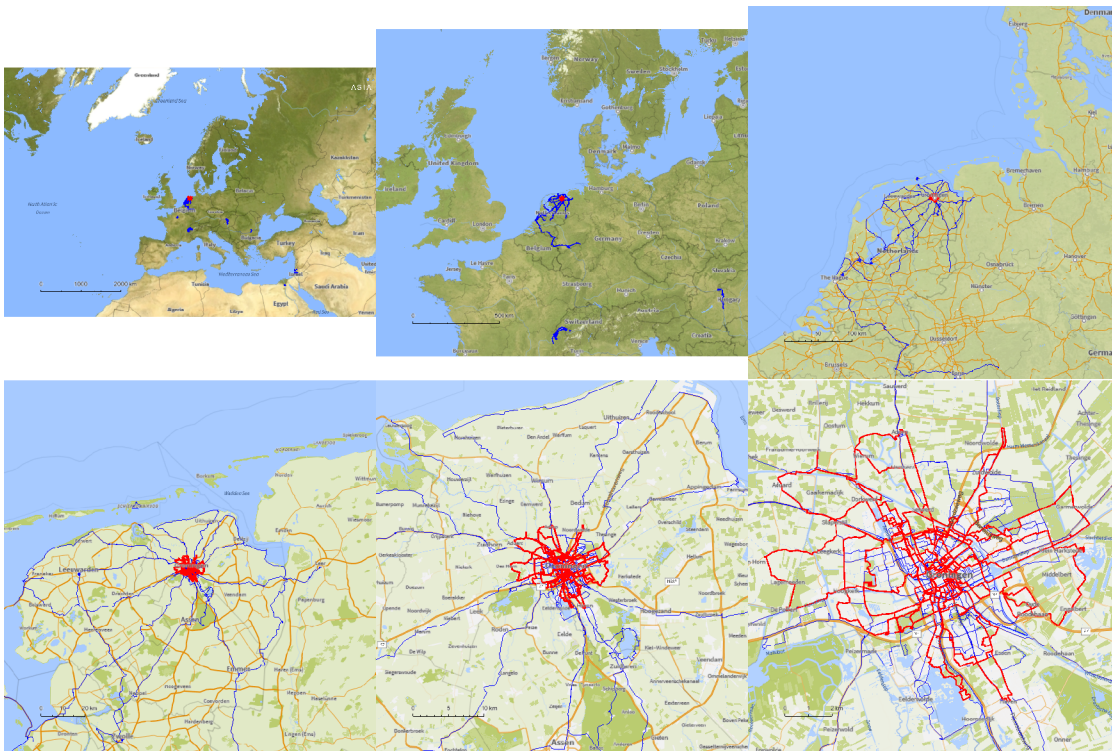


```

In[ ]:= PathsLocation = Module[{R = 3000, r = 8, n = 6, res = 600},
  ImageAssemble[
    Partition[#, 3] &@Table[
      Rasterize[
        GeoGraphics[
          {Blue, Thickness[(2 n - k) / 4000], 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["PathsLocation.png", PathsLocation]
ResetDirectory[]

```

Out[]=



Out[]=

PathsLocation.png

Out[]=

C:\Users\drorb

Export

Partially with Heather .

```
{
  "TitleNotes" → "Partially with Heather.",
  "ImageComments" →
    {
      {

        → "August 29: Amsterdam.",
      {

        → "August 29: Amsterdam."
      }
    }
}
```

Out[*n*]=

```
{TitleNotes → Partially with Heather., ImageComments → {}}
```