

Run

```

In[ ]:= res = 640;
SetDirectory["C:\\drorbn\\Album\\2025.05.10-18_Bonn"];
fs = FileNames["*.gpx"]
data = DeleteCases[
  Union@Table["Geometry" /. Import[f, "Data"], {f, fs}],
  GeoPosition[{}, None]], ∞
];
data1 = DeleteCases[
  "Geometry" /. Import[
    "C:\\drorbn\\Album\\2025.05.11_Bonn_to_Siegen_Ride\\2025-05-11_2235506544_From
    Siegburg to Bonn.gpx", "Data"],
  GeoPosition[{}, None]], ∞
];
map0 = GeoGraphics[{Red, data, data1}, GeoScaleBar → "Kilometers", ImageSize → res];
fs1 = FileNames["*.gpx", (".." <> #) & /@ {
  "2025.05.11_Bonn_to_Siegen_Ride",
  "2025.05.17_Bonn_to_Maastricht_Ride"
}]
data1 = DeleteCases[
  Union@Table["Geometry" /. Import[f, "Data"], {f, fs1}],
  GeoPosition[{}, None]], ∞
];

Out[ ]:=
{2025-05-10_2232383938_250510 Bonn Ride - Rhine South.gpx,
 2025-05-13_2240459119_250513 Bonn Ride - North.gpx,
 2025-05-14_2242962173_Bonn Ride - BabyOne.gpx,
 2025-05-15_2245586844_Bonn Ride - Rheinfahre Mondorf.gpx,
 2025-05-16_2247878500_250516 Bonn Ride - Godesburg.gpx}

Out[ ]:=
{../2025.05.11_Bonn_to_Siegen_Ride\\2025-05-11_2234941851_Bonn to Siegen Ride.gpx,
 ../2025.05.11_Bonn_to_Siegen_Ride\\2025-05-11_2235506544_From Siegburg to Bonn.gpx,
 ../2025.05.17_Bonn_to_Maastricht_Ride\\2025-05-17_2250783751_Bonn
to Maastricht Ride.gpx}

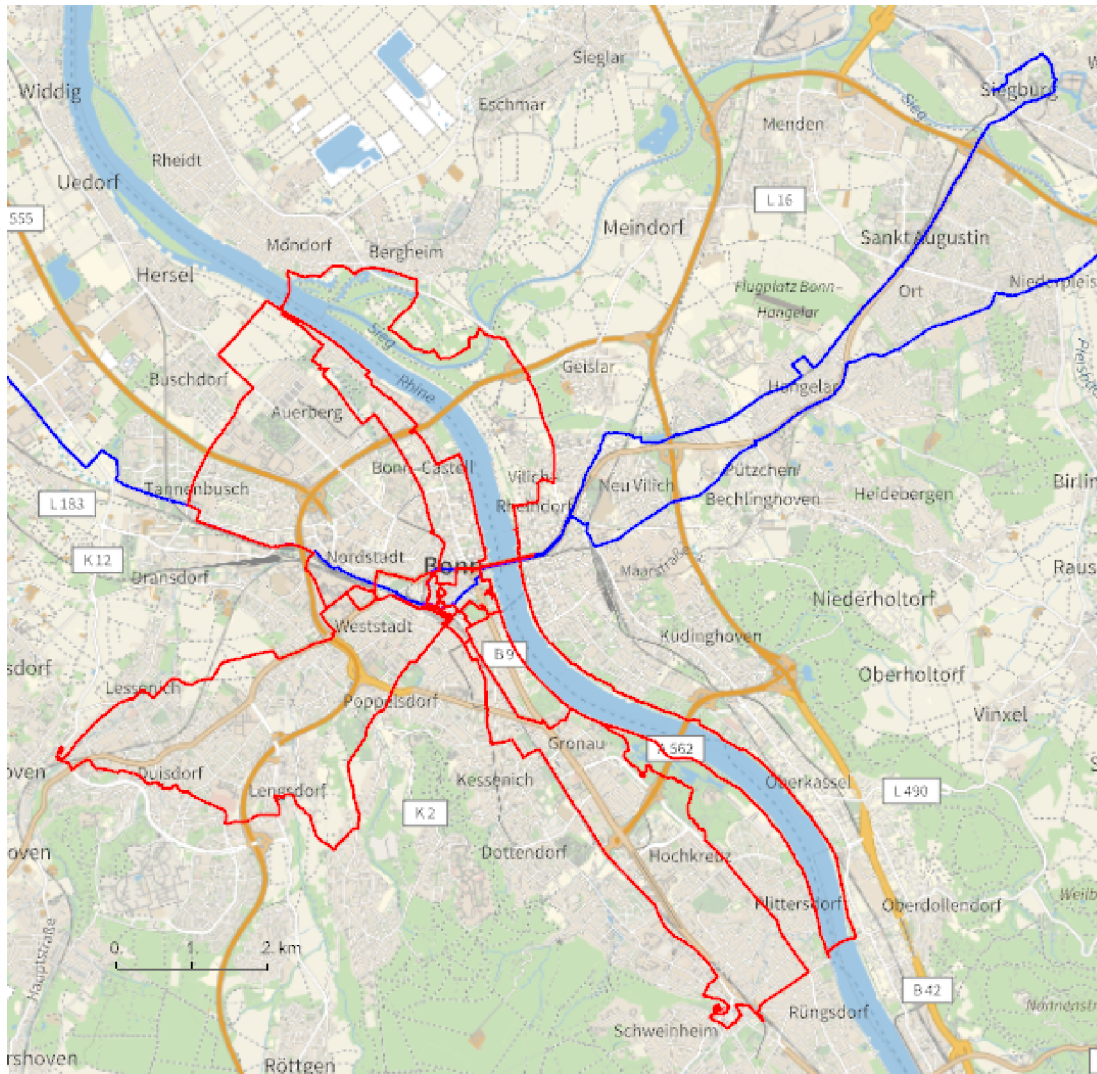
```

```

In[ ]:= Rasterize[
  map = GeoGraphics[{Thick, Blue, data1, Red, data},
    GeoScaleBar → "Kilometers",
    ImageSize → res,
    GeoRange → (GeoRange /. Options[map0])
  ],
  RasterSize → res
]
Export["PathsInBonn.png", map];

```

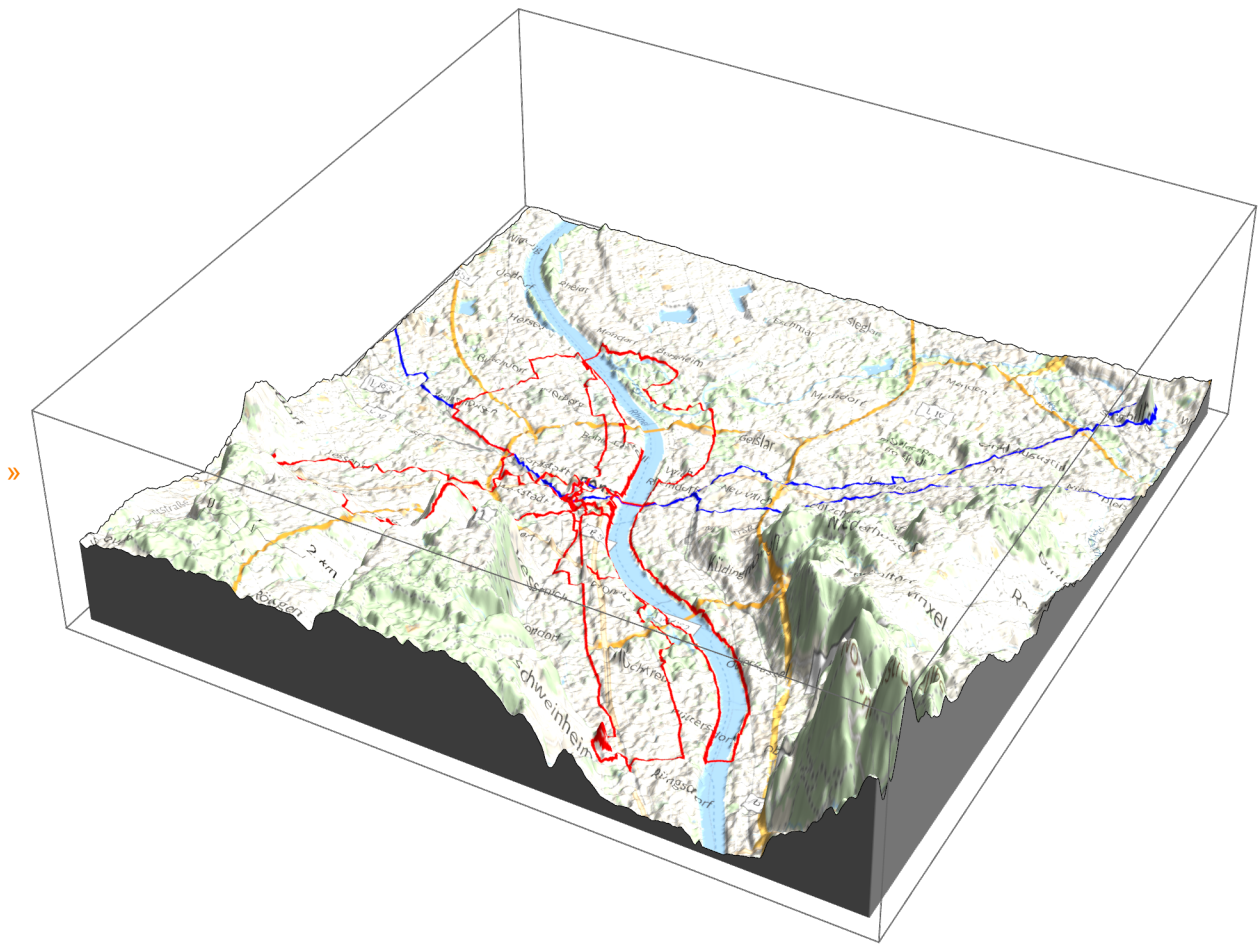
Out[]:=



```

In[ ]:= map3D = Echo@ResourceFunction["GeoElevationGraphics3D"] [
  {Thick, Blue, data1, Red, data},
  GeoGridRangePadding → 0,
  GeoScaleBar → "Kilometers",
  ImageSize → res,
  GeoRange → (GeoRange /. Options[map0])
];
Export["PathsInBonn3D@.png", map3D]

```



```

Out[ ]:=
PathsInBonn3D@.png

```



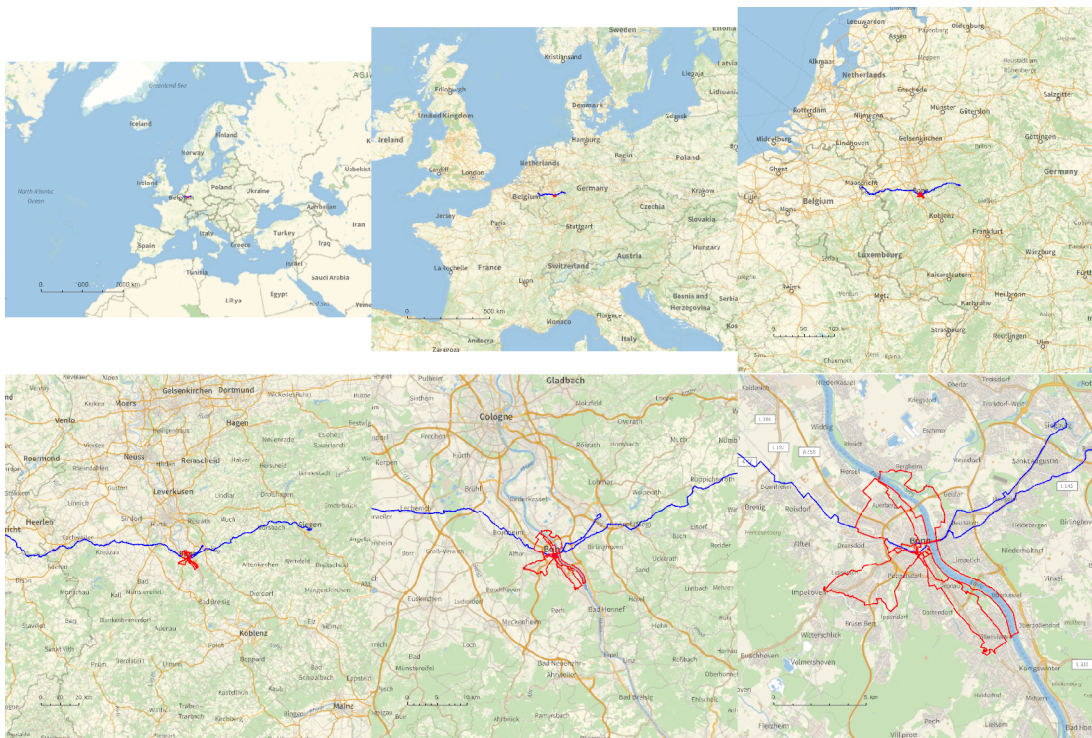
```

In[ ]:= PathsLocation = Module[{R = 3000, r = 10, n = 6, res = 600},
  ImageAssemble[
    Partition[#, 3] &@Table[
      Rasterize[
        GeoGraphics[{Thick, Blue, data1, Red, 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["PathsLocationBonn.png", PathsLocation]

ResetDirectory[]

```

Out[]=



Out[]=

PathsLocationBonn.png

Out[]=

C:\Users\drorb

Export

```
{  
  "TitleNotes" → "",  
  "ImageComments" → {}  
}
```