<!DOCTYPE html>

<html lang="en">

<head>

<!-- set the charset -->

<meta charset="utf-8">

<!-- set make the map responsive -->

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="initial-scale=1,user-scalable=no,maximum-scale=1,width=device-width">

<meta name="mobile-web-app-capable" content="yes">

<meta name="apple-mobile-web-app-capable" content="yes">

<!-- set the title shown in the browser tab -->

<title>Flächen für Windkraft</title>

<!-- Links to the leaflet CSS and JS -->

<link rel="stylesheet" href="https://unpkg.com/leaflet@1.7.1/dist/leaflet.css"

integrity="sha512-xodZBNTC5n17Xt2atTPuE1HxjVMSvLVW9ocqUKLsCC5CXdbqCmblAshOMAS6/keqq/sMZMZ19scR4PsZChSR7A=="

crossorigin=""/>

<script src="https://unpkg.com/leaflet@1.7.1/dist/leaflet.js"

integrity="sha512-XQoYMqMTK8LvdxXYG3nZ448hOEQiglfqkJs1NOQV44cWnUrBc8PkAOcXy20w0vlaXaVUearIOBhiXZ5V3ynxwA=="

crossorigin=""></script>

<script src="D:\Eric\Documents\GitHub\Geo77-Abschlussprojekt\leaflet.ajax.min.js">

</script>

<!-- External data -->

<script src="earthquake\_points.js"></script>

<!-- Links to the Leaflet-Ruler Plugin -->

<link rel="stylesheet" href="https://cdn.jsdelivr.net/gh/gokertanrisever/leaflet-ruler@master/src/leaflet-ruler.css" integrity="sha384-P9DABSdtEY/XDbEInD3q+PlL+BjqPCXGcF8EkhtKSfSTr/dS5PBKa9+/PMkW2xsY" crossorigin="anonymous">

<script src="https://cdn.jsdelivr.net/gh/gokertanrisever/leaflet-ruler@master/src/leaflet-ruler.js" integrity="sha384-N2S8y7hRzXUPiepaSiUvBH1ZZ7Tc/ZfchhbPdvOE5v3aBBCIepq9l+dBJPFdo1ZJ" crossorigin="anonymous"></script>

<!-- External data -->

<script src="Regierungsbezirk\_Tuebingen.js"></script>

<script src="Bayern.js"></script>

<script src="Mecklenburg-Vorpommern.js"></script>

<script src="Baden-Württemberg.js"></script>

<script src="Hamburg.js"></script>

<!-- styles for elements html and body: fullscreen -->

<style>

html, body {

width: 100%;

height: 100%;

padding: 0;

margin: 0;

}

</style>

</head>

<body>

<!-- set the div element containing the map -->

<div id="mapid" style="width: 100%; height: 100%; padding: 0; margin: 0;"></div>

<script>

// Create Leaflet map

var mymap = L.map('mapid').setView([48.2, 9.5], 9);

// Add basemaps

// basemap 1:

var osm\_basemap = L.tileLayer('https://{s}.tile.openstreetmap.de/tiles/osmde/{z}/{x}/{y}.png', {

attribution: '<a href="http://www.openstreetmap.org/copyright">OpenStreetMap</a>'

}).addTo(mymap);

// basemap 2:

var otm\_basemap = L.tileLayer('https://{s}.tile.opentopomap.org/{z}/{x}/{y}.png', {

attribution: '<a href="http://www.openstreetmap.org/copyright">OpenStreetMap</a>, <a href="http://viewfinderpanoramas.org">SRTM</a> | Map style: &copy; <a href="https://opentopomap.org">OpenTopoMap</a> (<a href="https://creativecommons.org/licenses/by-sa/3.0/">CC-BY-SA</a>)'

});

// basemap 3:

var osmint\_basemap = L.tileLayer('https://{s}.tile.openstreetmap.org/{z}/{x}/{y}.png', {

maxZoom: 19,

attribution: '&copy; <a href="https://www.openstreetmap.org/copyright">OpenStreetMap</a> contributors'

}).addTo(mymap);addTo(mymap);

// Basemap dictonary

var basemaps = {

"Open Street Map DE": osm\_basemap,

"Open Topo Map": otm\_basemap,

"Open Street Map INT": osmint\_basemap

};

// Add popup function

function popUpFunction(feature, layer) {

var popupContent = "<b>Date: </b>"+feature.properties.EV\_DATE+

"<br><b>Latitude: </b>"+ feature.properties.LAT+

"<br><b>Longitude: </b>"+ feature.properties.LON.toFixed(1)+

"<br><b>Magnitude: </b>"+ feature.properties['MAG']+

"<br><b>Intensity: </b>"+ feature.properties.INTENSITY;

layer.bindPopup(popupContent);

}

// Add Baden Württemberg polygons

var baden\_wuerttemberg = L.geoJSON(baden\_wuerttemberg, {

onEachFeature: popUpFunction,

pointToLayer: function (feature, latlng) {

return L.circleMarker(latlng, orangeMarker);

}}).addTo(mymap);

// Overlay dictonary

var overlays = {

"Baden-Württemberg": baden\_wuerttemberg

};

// Layer control

var legend = L.control.layers(basemaps,overlays,{collapsed: false}).addTo(mymap);

// Scale

var scale = L.control.scale({maxWidth: 150, metric: true, imperial: true}).addTo(mymap);

// Leaflet-Ruler measure tool

var options = {

position: 'bottomleft',

lengthUnit: {

factor: 1000, // from km to nm

display: "m",

decimal:0,

label: "Distance"

}

};

var ruler = L.control.ruler(options).addTo(mymap);

</script>

</body>

</html>