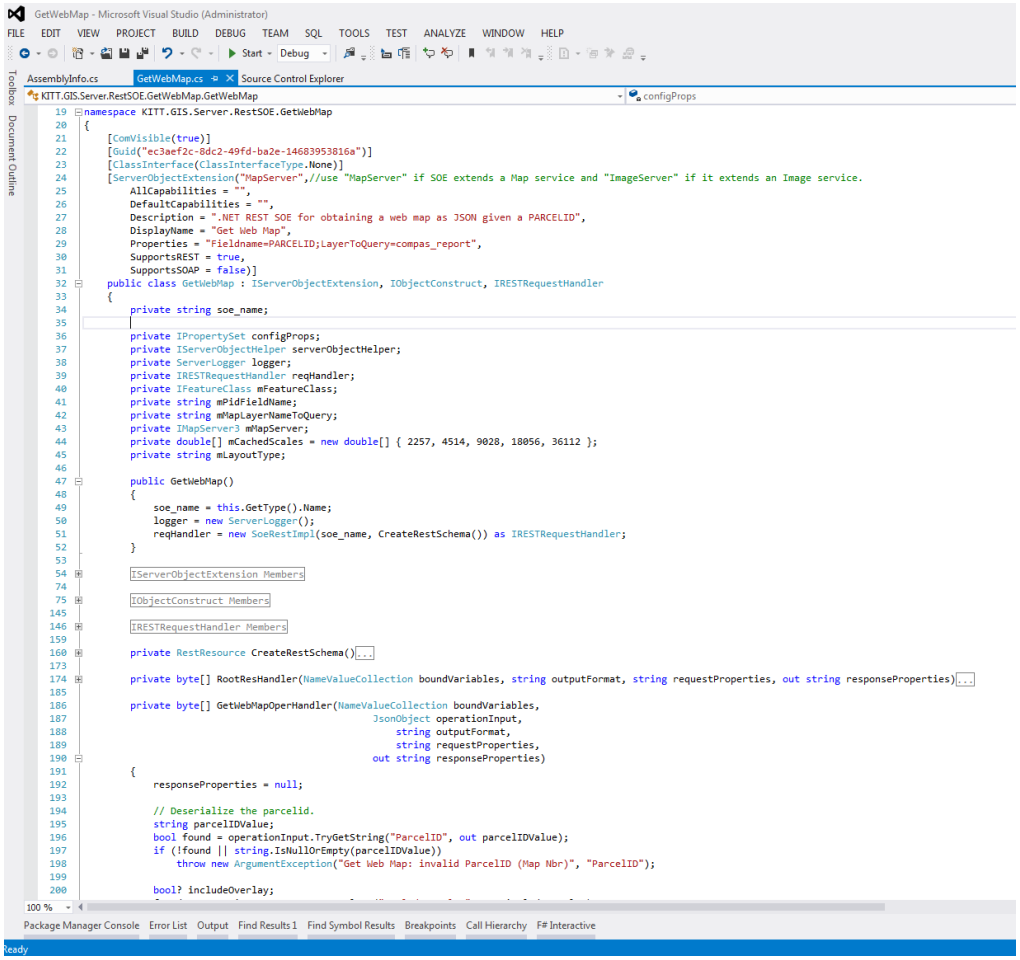
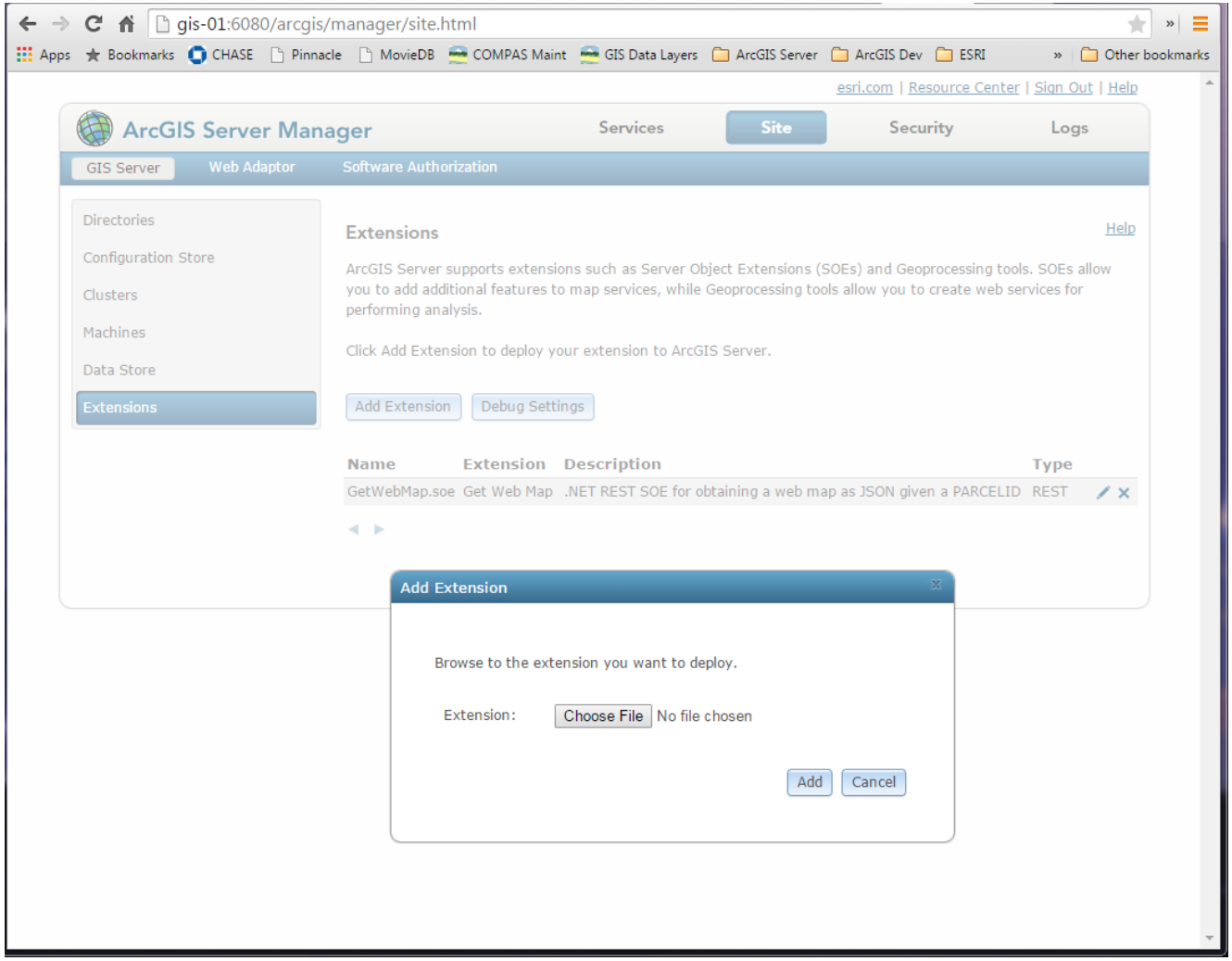
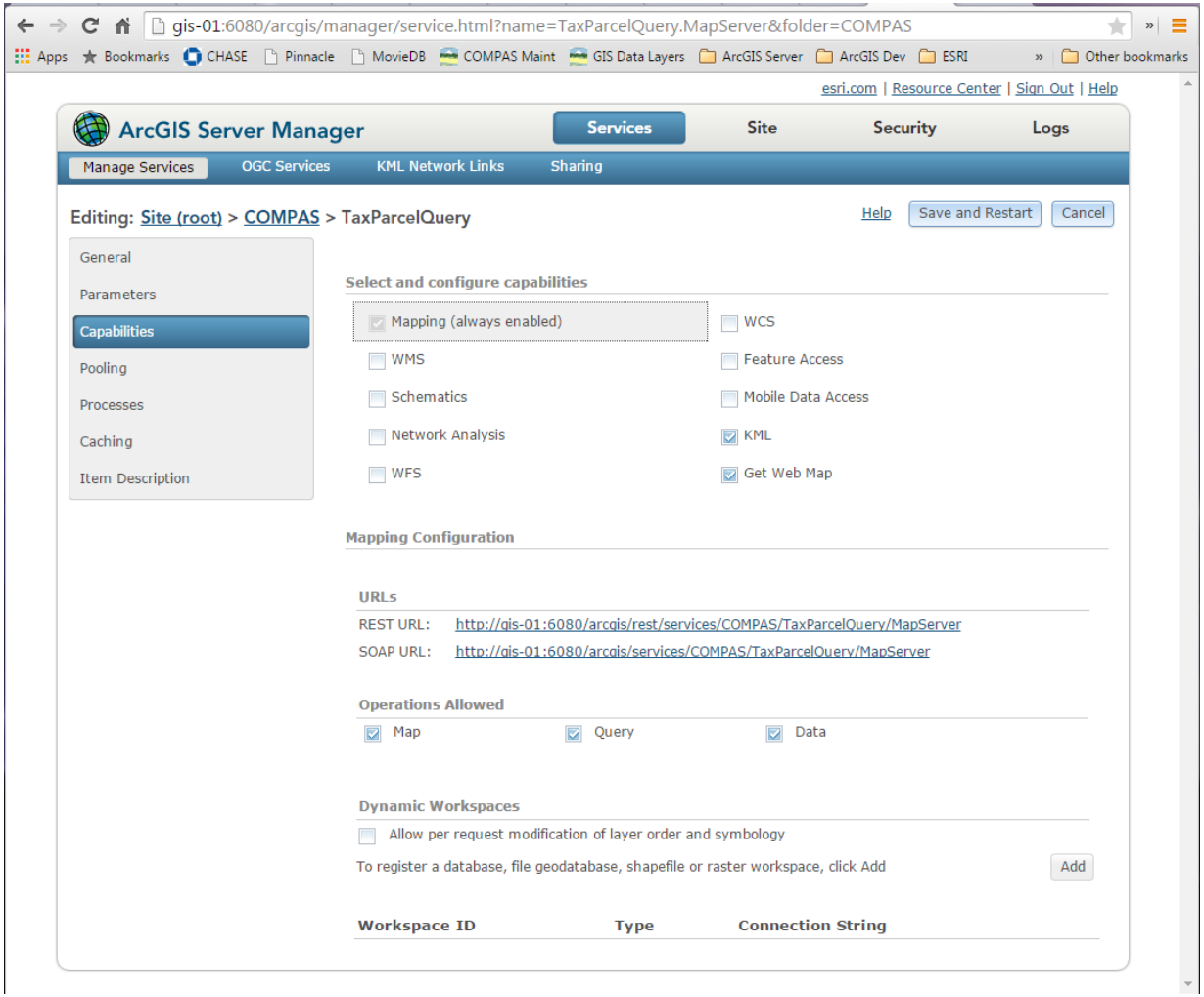
Creating the SOE in Visual Studio…



Register File.soe With ArcGIS Server...



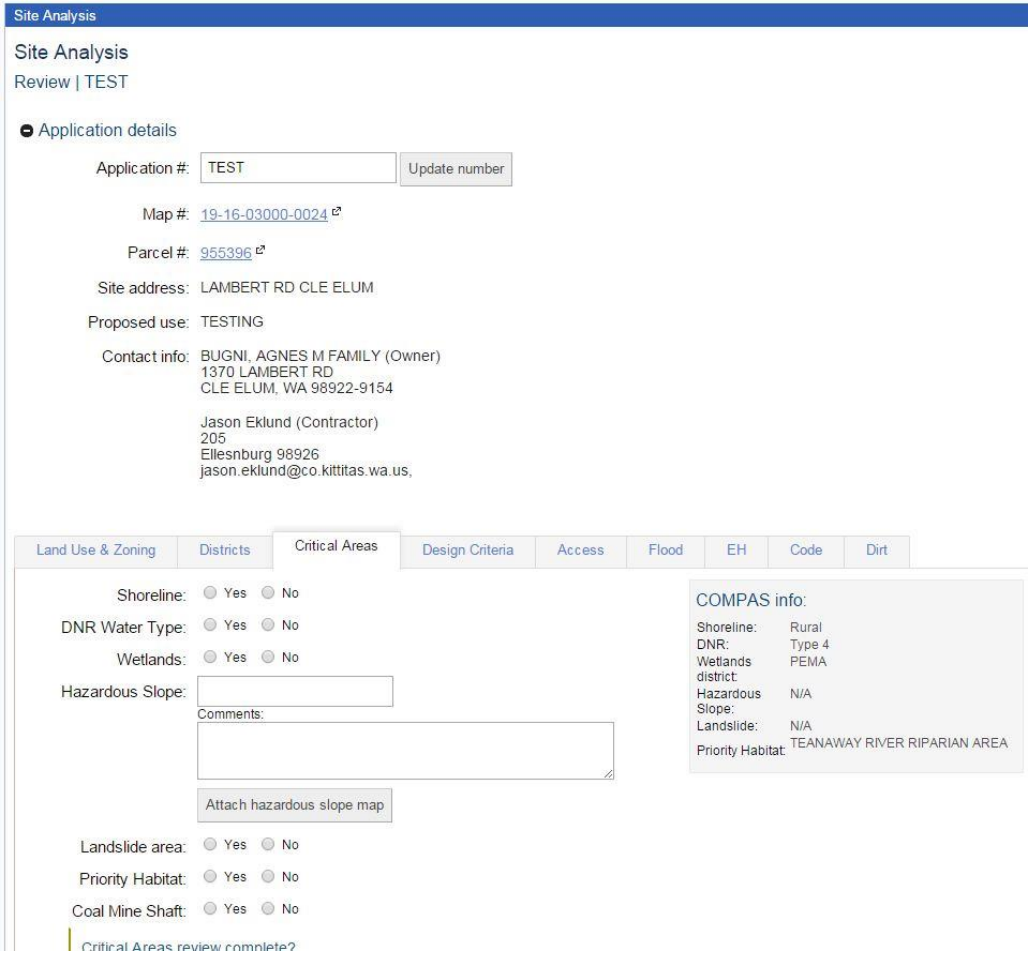
Add Capability to the Service…



Calling the REST Endpoint of the SOE…

```
1870
1871        /// <summary>
1872        /// Get map option json
1873        /// </summary>
1874        /// <param name="mMapNumber">Map number</param>
1875        /// <param name="mOverlay">Overlay to get</param>
1876        /// <param name="mMapTitle">Map title</param>
1877        /// <returns></returns>
1878        private string GetMapOptions(string mMapNumber, string mOverlay, string mMapTitle)
1879        {
1880            WebClient webClient = new WebClient();
1881
1882            //# Web service
1883            string webServiceURL = "http://gis.co.kittitas.wa.us/kcgis/rest/services/COMPAS/TaxParcelQuery/MapServer/exts/GetW
1884
1885            string url = String.Format("{0}&ParcelID={1}&OverlayToInclude={2}&MapTitle={3}&f=json&IncludeOverlay=true",
1886                webServiceURL, mMapNumber, mOverlay, mMapTitle);
1887
1888            //# Get JSON
1889            string json = webClient.DownloadString(url);
1890
1891            return json;
1892        }
```

Site Analysis Application...



Map Back to Applicant as part of Report