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assigning a projection and a coordinate system to the geospatial data based on the received user inputs;
 applying a transformation to the geospatial data based on the determined projection and the coordinate system; and
 generating a tile cache based on the transformed geospatial data, the cache tile including the projection and coordinate system.

9. The non-transitory machine-readable storage medium of claim 8, wherein:
 the geospatial data has associated metadata, the associated metadata includes a coordinate pair corresponding to the geospatial data, and the instructions cause the machine to perform operations further comprising;
 determining the projection and the coordinate system of the geospatial data, at least based on the associated metadata.

10. The non-transitory machine-readable storage medium of claim 8, wherein:
 the geospatial data lacks associated metadata, and the user inputs identify at least three coordinate pairs on the geospatial data and the base map, the coordinate pairs representable as points on the geospatial data and the base map.

11. The non-transitory machine-readable storage medium of claim 8, wherein:
 the geospatial data include survey images of one or more landmarks, and the instructions cause the machine to perform operations further comprising;
 overlaying the geospatial data over a base map within a graphical user interface, the base map corresponding to the geographic area identified by the geospatial data and including base images of the one or more landmarks, and the geospatial data being transparently overlaid on the base image;
 receiving user inputs adjusting a position of the geospatial data over the base map such that the one or more landmarks of the geospatial data and the one or more landmarks of the base map share a location within the graphical user interface; and
 assigning the projection and the coordinate system to the geospatial data based on the location within the graphical user interface.

12. The non-transitory machine-readable storage medium of claim 8, further comprising:
 receiving a time stamp to assign the tile cache via a client device, the time stamp corresponding to a time when the geospatial data was gathered.

13. The non-transitory machine-readable storage medium of claim 8, further comprising:
 assigning a time stamp to the tile cache, the time stamp indicating a time when the geospatial data was obtained.

14. The non-transitory machine-readable storage medium of claim 8, further comprising:
 accessing a third party server to retrieve the geospatial data;
 accessing the third party server to collect metadata corresponding to the geospatial data, the metadata including the projection and the coordinate system of the geospatial data;
 retrieving a base map, the base map including a base projection and a base coordinate system;
 applying the transformation to the geospatial data, wherein the transformation configures the geospatial data to include the base projection and the base coordinate system of the base map.

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15. A system comprising:
 one or more processors of a machine; and
 a memory storing instructions that, when executed by the one or more processors, causes the machine to perform operations comprising:
 obtaining geospatial data at a server, the geospatial data representing a geographic area;
 displaying the geospatial data at a client device;
 displaying a base map at the client device, the base map corresponding to the geographic area identified by the geospatial data;
 receiving user inputs identifying coordinate pairs on the geospatial data and the base map, the coordinate pairs representable as points on the geospatial data and the base map;
 assigning a projection and a coordinate system to the geospatial data based on the received user inputs;
 applying a transformation to the geospatial data based on the determined projection and the coordinate system;
 generating a tile cache based on the transformed geospatial data, the tile including the projection and coordinate system; and
 causing a presentation of a geographic information system interface.

16. The system of claim 14, wherein:
 the geospatial data has associated metadata, the associated metadata includes a coordinate pair corresponding to the geospatial data, and the method further comprises;
 determining the projection and the coordinate system of the geospatial data, at least based on the associated metadata.

17. The system of claim 14, wherein:
 the geospatial data lacks associated metadata, and wherein
 the user inputs identify at least three coordinate pairs on the geospatial data and the base map, the coordinate pairs representable as points on the geospatial data and the base map.

18. The system of claim 14, wherein:
 the geospatial data include survey images of one or more landmarks, and the method further comprises;
 overlaying the geospatial data over a base map within a graphical user interface, the base map corresponding to the geographic area identified by the geospatial data and including base images of the one or more landmarks, and the geospatial data being transparently overlaid on the base image;
 receiving user inputs adjusting a position of the geospatial data over the base map such that the one or more landmarks of the geospatial data and the one or more landmarks of the base map share a location within the graphical user interface; and
 assigning the projection and the coordinate system to the geospatial data based on the location within the graphical user interface.

19. The system of claim 14, wherein:
 the coordinate module is further configured to receive a time stamp to assign the tile cache via a client device, the time stamp corresponding to a time when the geospatial data was gathered.

20. The system of claim 14, wherein:
 the coordinate module is further configured to assign a time stamp to the tile cache, the time stamp indicating a time when the geospatial data was obtained.