

## USING INTERNET OR PRESENTING GEOGRAPHIC INFORMATION TO PUBLIC

### Authors:

Abdülvahit TORUN , Capt.Eng.Msc.

*General Command of Mapping*

06100-Cebeci/ANKARA/TURKEY

*e-mail : [atorun@hgk.mil.tr](mailto:atorun@hgk.mil.tr)*

Mehmet ÜSTÜN , Capt. Eng.

*General Command of Mapping*

06100-Cebeci/ANKARA/TURKEY

*e-mail : [mustun@hgk.mil.tr](mailto:mustun@hgk.mil.tr)*

In presenting geographic data that the people need with reduced costs and effective methods, Internet can be seen as a satisfactory way. In this way, without depending on well-known GIS software, it is possible to present some environments to the users providing them map producing, analysis, query and map browsing functions using available technologies.

Turkey-WEB Internet Map Service, is designed to present 1 / 1.000.000 scaled map data of Turkey to public. The communication system is three-tiered based on client/server model. These are client (Internet User), server (Web Server) and map server. The map service is developed for any ordinary Internet user in a way that they can utilize easily. Graphic data is supported and enhanced with the attribute data in a database. With the tools provided, the user can make mapping, query and create tabular data using the populated places from villages to provinces. The Populated Places Database of Turkey (PPDBT). The linkage to the PPDBT makes it possible to make queries dependent upon populated place names. And the results can be seen on a on-the-fly produced map if desired.

A generalized view is displayed depending upon the scale of the map on the screen. This image is portrayed to the user. Generalization here is defined as a dynamic process activated with the zoom in and out operations. The restrictions regarding the Internet issues like transfer speed and color palette is taken into account.

This Internet Map Service is prepared using Esri MapObjects, Esri MapObjects Internet Map Server, Microsoft Visual Basic, Microsoft Access, Microsoft Internet Information Server and Microsoft NT Server.

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