

Abstract

The Survey of Israel topographic 1:25,000 1:50,000 and 1:100,000 scale maps. The 2nd ICA/EuroSDR NMA-workshop
The Survey of Israel produces high quality up to date cartographic maps covering the state of Israel in an automatic and semi-automatic procedure using esri and Adobe programs.

Multi -scale production line

The Survey of Israel planed its proprietary standard symbols, procedures and workflow in order to build three semi-automatic databases: 1:25,000 DB-scale, 1:50,000 DB-scale and 1:100,000 DB-scale.

One schema for all databases allows generalization and automatic updates. Each schema automatically receives updates from the national GDB every half a year according to generalization rules applied. Each feature is received in a represented symbol form according to its scale. Cartographic editing in esri ArcInfo and graphic finishes for publishing in Adobe programs are applied. The Survey of Israel's key objective is to provide topographic-cartographic data that can be accessed, queried, analyzed and combined with other geographical and non-geographical data.

Our priority is to create cost effective, accurate, readable, reliable and high quality computer maps, giving our map readers the same user experience that they were familiar with.

The future-relevant plans

We are currently working on producing automatic city maps straight from the national GDB to the web consumer, no editing involved.

In the near future we will build a National Atlas. The National Atlas will provide numerous data themes at various scales with interactive automatic maps.