













22-26 April, Hanoi, Vietnam





# The Transition from Paper Hardcopies to Digital Media in Survey of Israel – a Review

by Danny RAISKY, Israel









22-26 April, Hanoi, Vietnam





### How it used to be

Surveyor requests archive documents

Archive departments produces copies

Surveyor produces maps for Inspection Map approved by inspection

Surveyor fixes the errors and reprints the maps

Inspection looks for errors

Surveyor prints multiple copies for all interested parties

Maps are signed by relevant manager

Maps are distributed by mail.

> Maps moved to archive







THE SCIENCE OF WHERE



22-26 April, Hanoi, Vietnam

"Geospatial Information for a Smarter Life and Environmental Resilience"



### **Current Process**

Surveyor downloads required material from "TopoCad"

Surveyor produces digital file

Surveyor runs "Rakefet" on the file eliminating many errors. E.g. Topology, neighbouring parcels etc.

Map is approved

Inspection looks for errors

Surveyor sends the file for Inspection

Map is digitally signed.

Map is uploaded to relevant Databases an accessible to all surveyors







THE SCIENCE OF WHERE



22–26 April, Hanoi, Vietnam





### **Future Work**

- Working with the surveyors and inspectors to make the process better and faster
- Open sourcing the various tools and Databases
- Collecting data about the inspection process
- Finishing the digitization of the current archives









22-26 April, Hanoi, Vietnam





# Thank you for your attention!





