

THE RESPONSIBILITY AND INVOLVEMENT OF THE SURVEYORS IN THE LAND ADMINISTRATION

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ISRAEL

LAND ADMINISTRATION

LAND TENURE
PLANNING
VALUE
USE
DEVELOPMENT
REGISTRATION
LAND POLICY

WHO IS INVOLVE

public - governmental agencies

- Israel Land authority (administration) (Ila)
- The survey of Israel (soi)
- The Land Registration Office (Ministry of Justice)
- The Ministry of Interior
- The Ministry of Construction and Housing

Private sector

- Project managers
- urban planners
- architects
- **surveyors**
- civil-engineers
- environment protection
- road and transportation planners
- Economists
- lawyers

THE SURVEY IN ISRAEL to be a surveyor

Graduate in geodetic engineering (4 years)
or in surveying (3 years) from the
Technion – Israel Institute of Technology or
from a recognized institution of high
education abroad.

Complete a two year long professional
training, with the guidance of an
experienced senior surveyor.

The training should be focused on the
complete procedure of mutation plan
preparation included land legislation,
field measurements, relevant geodetic
and cadastral computations.

**SOI is responsible for surveyors
licensing.**

We have.....

- 900 surveyors
- 500 firms
- 60 working in government agencies
- 50% are members in the Association of Licensed Surveyors in Israel.
(representing in fig commissions)

Survey responsibility

- A Surveyor, through a combination of education and experience understands and is able to deal with Cadastre and boundary surveys, mapping and computations include
- mutation plan preparation
- Precise geodetic computations
- Proposed plot plans
- Building location and foundation location surveys
- Field and topographic surveys
- Global Positioning System surveys
- Geodetic control surveys include design and analysis of control networks

- Precise surveying techniques for solving engineering problems
- Structure deformation monitoring
- Hydrographic surveys
- Geographic and Land Information System creation and maintenance
- Land development plans
- Construction and transportation staking
- Monitoring of structural settling of buildings and other structures
- Photogrammetry surveys
- LAND REGISTERE

The success of a project

THE ISRAELI AGENCIES understand that

surveyors involvement in the processes is pivotal in preventing fatal errors and financial loss and could make the difference between a success and failure of a project.

- Due to this and other motivations (ideologies, economic) there are more involvement of the private sector.
- The projects are more and more complex, And needed careful considerations.

The real work

The licensed surveyor with his disciplines – geodesy Cadastre 'surveying, Mapping and modern geoinformatics Is:

- involved in most of the stages of a planning and building project.
- accompanies the project from its inception through its implementation on the ground until its registration in Land Registry.
- coordinate projects before their implementation include a final superposition of all the various levels of planning (include cadastre data).
- coordinate between of all professionals involved in project planning.

THE SURVEYOR INVOLVEMENT IN THE CADASTRE PROCESS

- private surveyors- mutation plans
- Soi completed checking 1000-2000 registration plans per year.
- The process of checking take number of months.
- Soi decided to eliminate the waiting period and to shorten the Whole process.

- According to existing law, SOI may authorize private surveyors to execute the supervising of mutation plans prepared by other surveyors.
- A surveyor must prove his capability to execute the supervision on high quality level.
- Today we have 16 supervising surveyors .
- This involvement accelerate the checking process.

CONCLUSIONS AND RECOMMENDATIONS

- The public sector will continue to manage the projects with more and more involvement of the private sector.
- The surveyors have a lot contribute to the land administration process and have an important role in the quality of life for present and future generations.

Soi and association of licensed surveyors in Israel have to.....

- Necessary amendments to be made in the relevant laws and regulations to avoid conflicting and for there is a need for uniform standards and legislation in all the relevant disciplines .
- Updating professional standards include the survey regulations .

- Updating the education of surveyors so land administration issues - planning, developing and management of land, and the major and principal laws regarding, to those issues, should figure prominently in the education of surveyors.
- Qualification and surveyor commitment to continued professional development.
- Cooperation between governmental and private sector.
- Enforcement of the survey regulations, ethics and standards.



Thank you



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