

Innovative Technologies in Land Administration of Taiwan

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SUMMARY

Department of Land Administration, Ministry of the Interior (MOI) is the land administrative authority in Taiwan, oversees the land registrations, land value assessments, real estate transactions, cadastral surveys and sea area administration, related to FIG commission's missions.

The land value assessment attempted to use Big Data and AI to make land value assessment automatically. By integrating computer models and land value benchmark, MOI is capable to refine the land value management and strengthen real estate data analysis and application.

The innovative technologies and improvement measures of cadastral survey is in response to manpower shortage in land office after enlarge business contents. In addition to research outsourcing land re-survey business, MOI also develops cadastral survey aided by close-range photogrammetry and ground LiDAR to reduce time and labor in field work.

About value added of Electronic Navigation Charts, MOI set up the "Taiwan ENC Center" on 15th Nov. 2019, to facilitate the releasing of TAIWAN Electronic Navigation Charts.