

THE REQUIREMENTS OF MARINE CADASTRE IN TURKEY

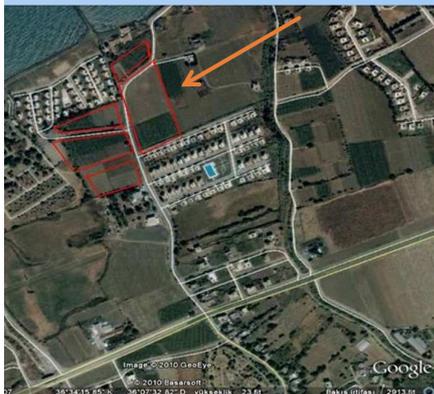
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CADASTRE AND MARINE CADASTRE

Cadastral (also spelled **cadaster**), using a cadastral survey and a cadastral map, is a comprehensive register of the real estate or real property's metes-and-bounds of a country.



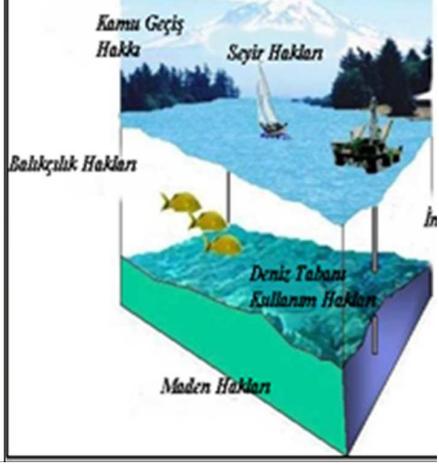
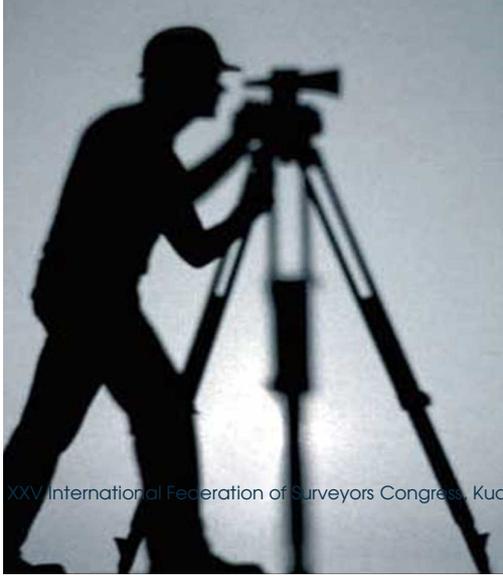
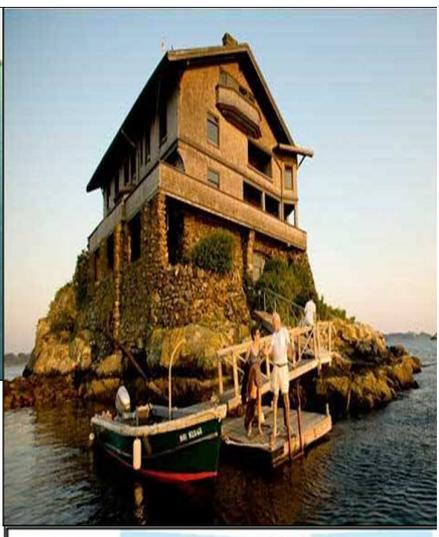
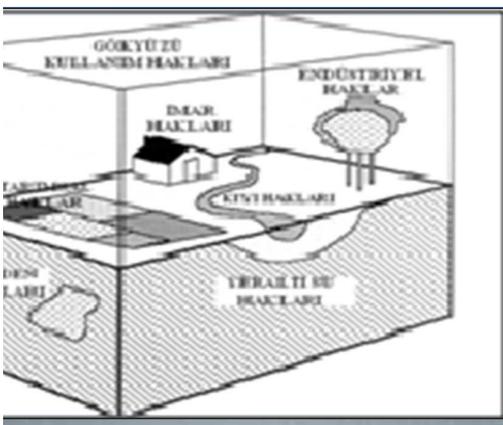
- A cadastral commonly includes details of the ownership, the tenure, the precise location (some include GPS coordinates), the dimensions (and area), the cultivations if rural, and the value of individual parcels of land.

ASTRE AND MARINE CADASTRE



- In these days, of the cadastre as well as marine cadas also mentioned. There are two definitions of **marine cadas**
- 1. Marine cadastre is a system to enable the boundaries of ma rights and interests to be recorded, spatially managed physically defined in relationship to the boundaries of neighbouring or underlying rights and interests,

s a marine information system, encompassing both the nature and spatial extent c ests and property rights, with respect to ownership, various rights and responsibility marine jurisdiction.



AIM OF STUDY ?

The basic aim of this study is researching and producing basic mapping coverage and spatial database for planning marine areas with support of information technologies, which contributes to cadastral registration for sustainable management of the marine areas.



At a survey was conducted with experts to determine whether there is a need for marine cadastre and also to demonstrate the current situation in Turkey.

SURVEY OF MARINE CADASTRE

On survey were interviewed with total 52 experts including 43 geomatics engineers, 4 managers and 5 civil engineers.



According to the survey results in accordance with the indicated requirements of marine cadastre.

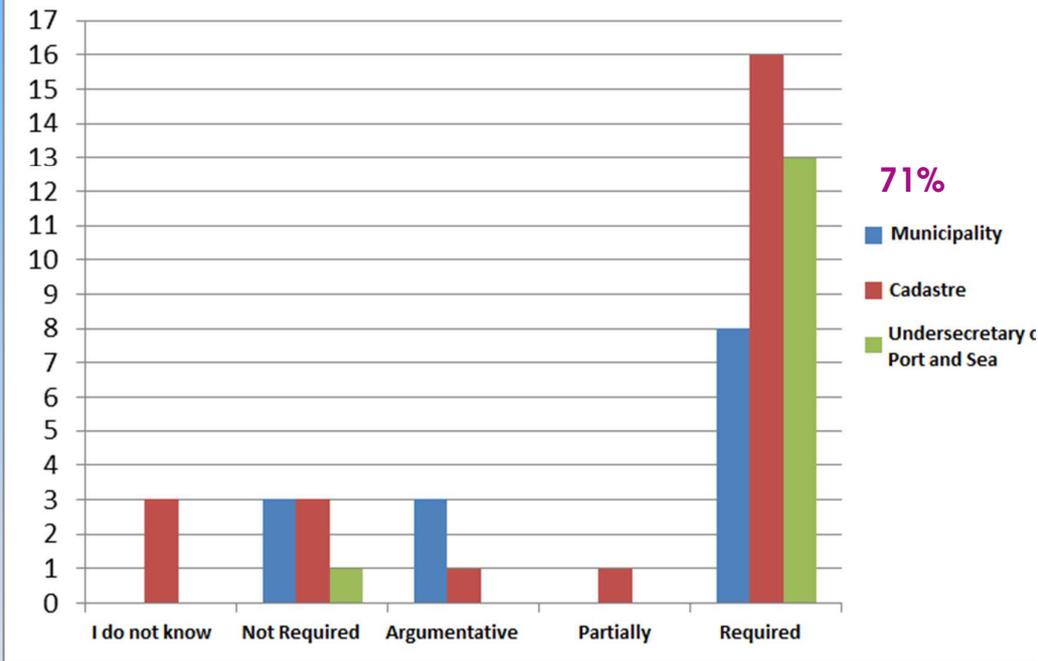


KEY RESULTS

ed question about requirements of marine cadastre;

% required were answered by experts in Turkiye

Number of Person

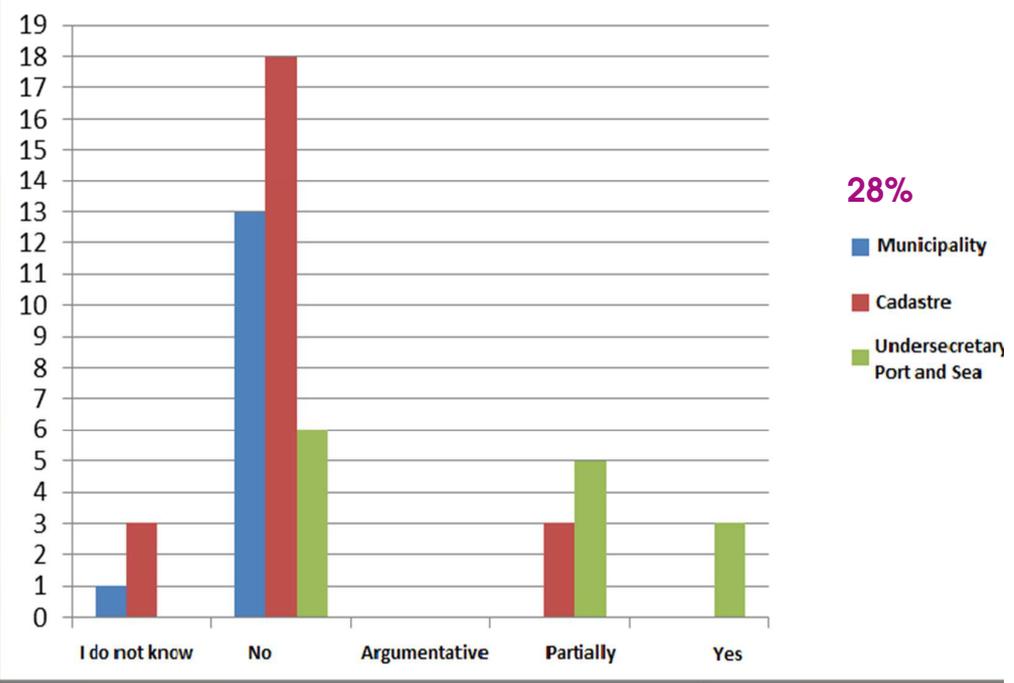


KEY RESULTS

ed question about to production update spatial data;

% to production upgrade spatial data were answered by experts in Turkiye

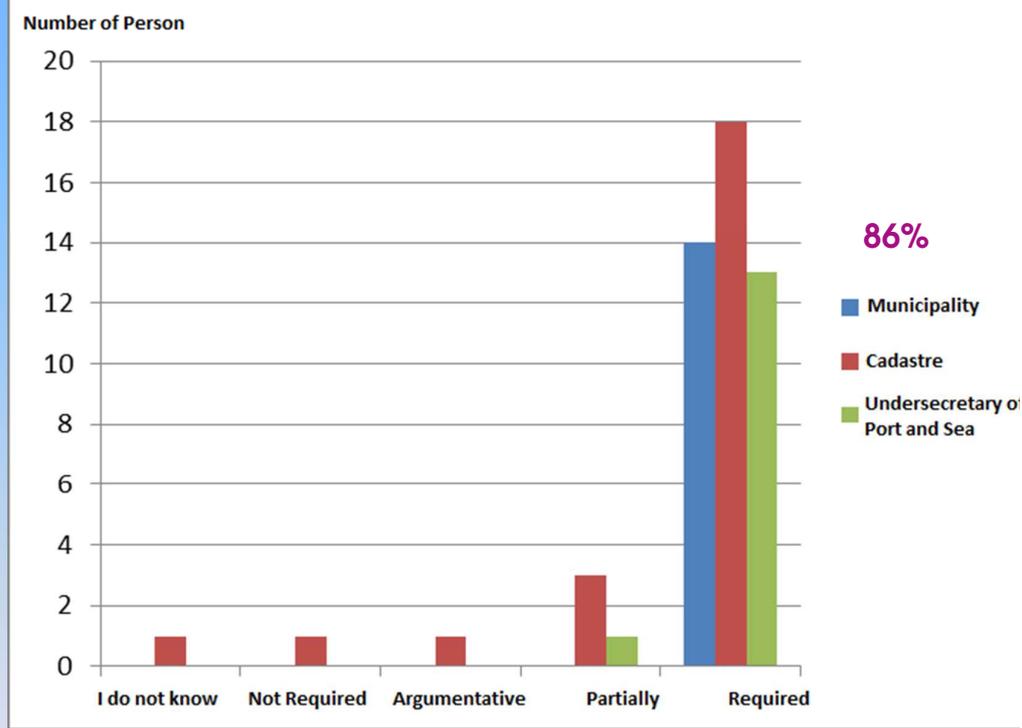
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KEY RESULTS

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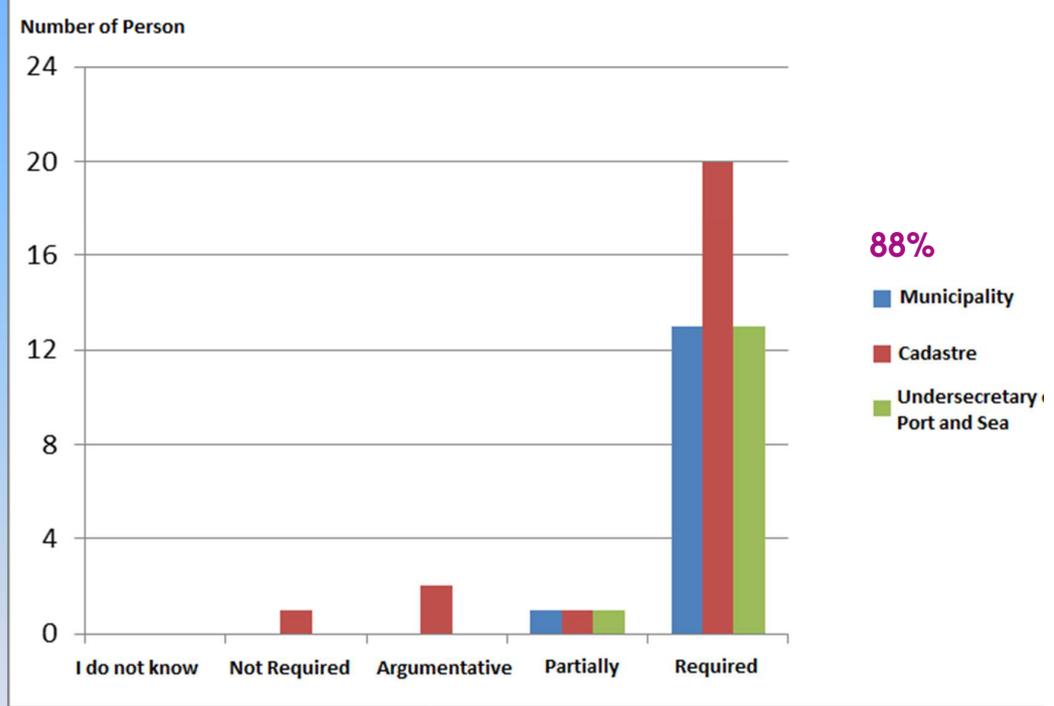
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KEY RESULTS

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irement of to resgiter
ndfills;

% required were
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R SURVEY RESULTS

Asked question about adequacy of studies on marine cadastre, 52% not enough were answered by experts in Turkiye.

Asked question about requirement of to register all usage rights and restrictions belonging marine area, 48% required were answered by experts in Turkiye.

Asked question about protected areas should be added to registration applications of use marine areas, 86% required were answered by experts in Turkiye.

Asked question about need to update landfills areas on shore, 86% need to were answered by experts in Turkiye.

Asked question about requirement of measurement of all usage rights and restriction on shore areas, 84% required were answered by experts in Turkiye. In addition, shoreline must be measured and registered.



CONCLUSION



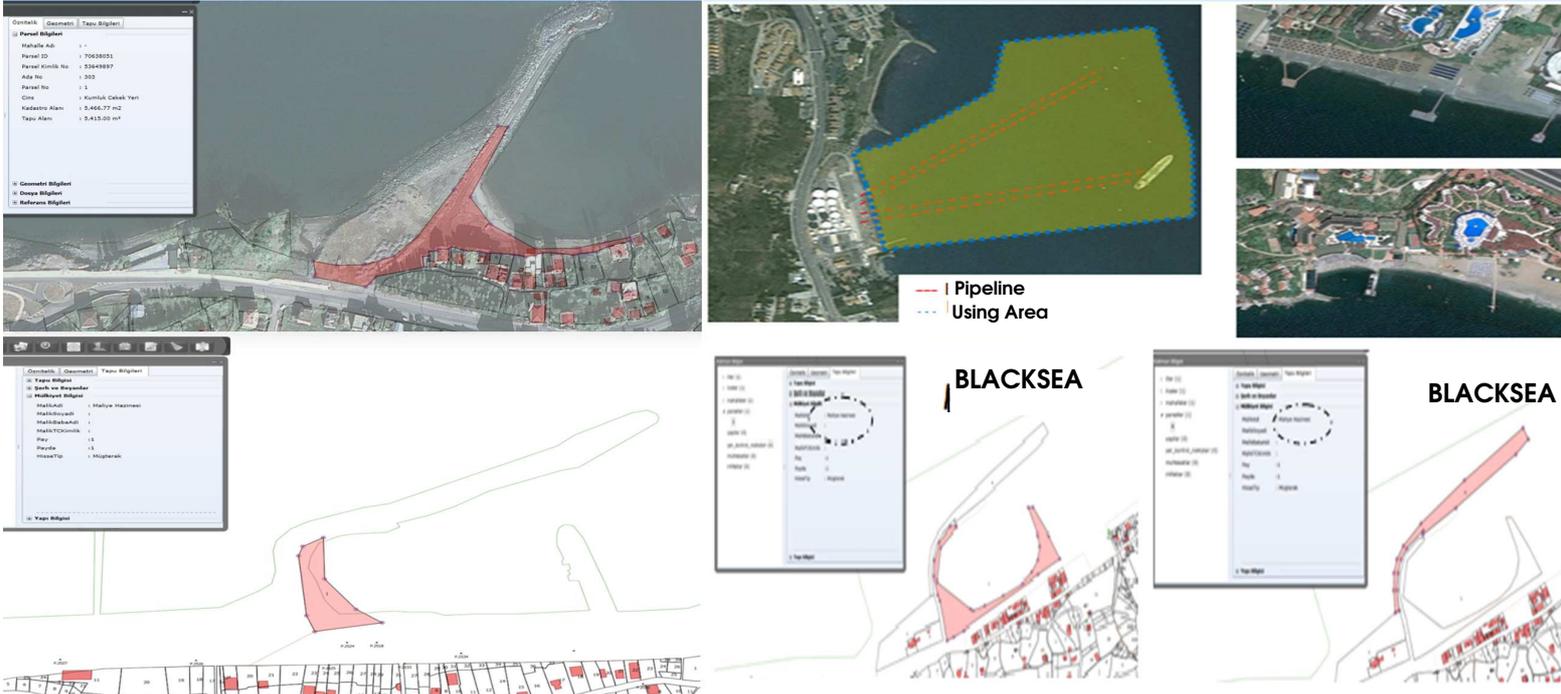
In the world and Turkiye, when applications are studied about marine areas, marine cadastre concept is very common in developed countries. This new concept is began to new emerging and spread for Turkiye.

According to this research, studies or arrangements must be made with different professional groups. Sustainable management of marine areas, management and implementation of activities on the marine area must be taken under control.

"Geographic Information Systems" (GIS) should be used for under controlling such a this complex structure, storage and processing. GIS will provide a great convenience about marine cadastre modification.

Every day we are losing marine areas so we must protect this areas, prevent the illegal usage, take better control of shore structures and design a sustainable marine cadastre.

STUDY OF CADASTRE EXAMPLES



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**GÜNÜN
FOTOĞRAFI**

**THANKS
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**HOPE TO SEE YOU IN
TURKEY
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