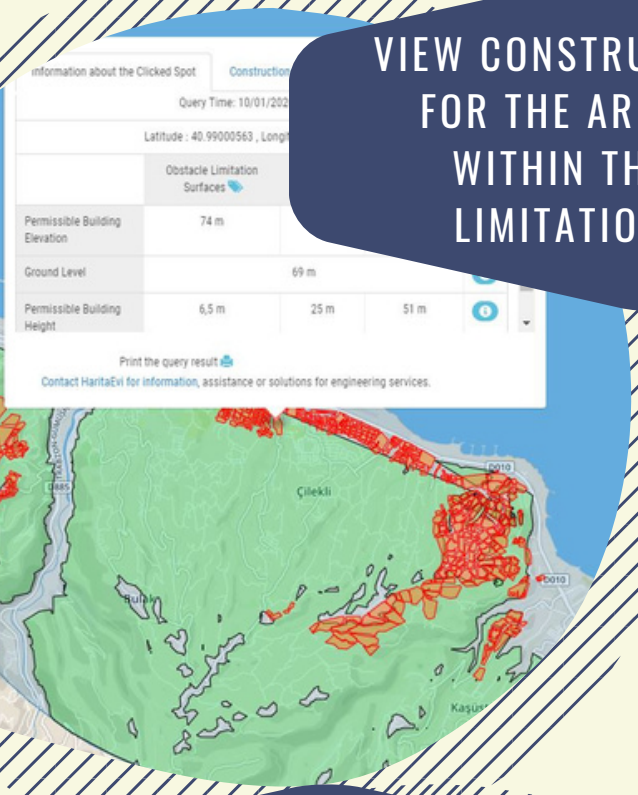
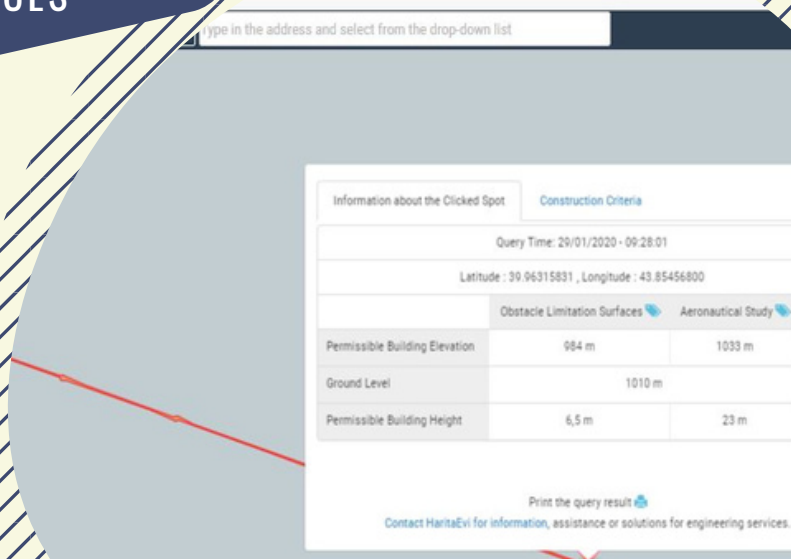
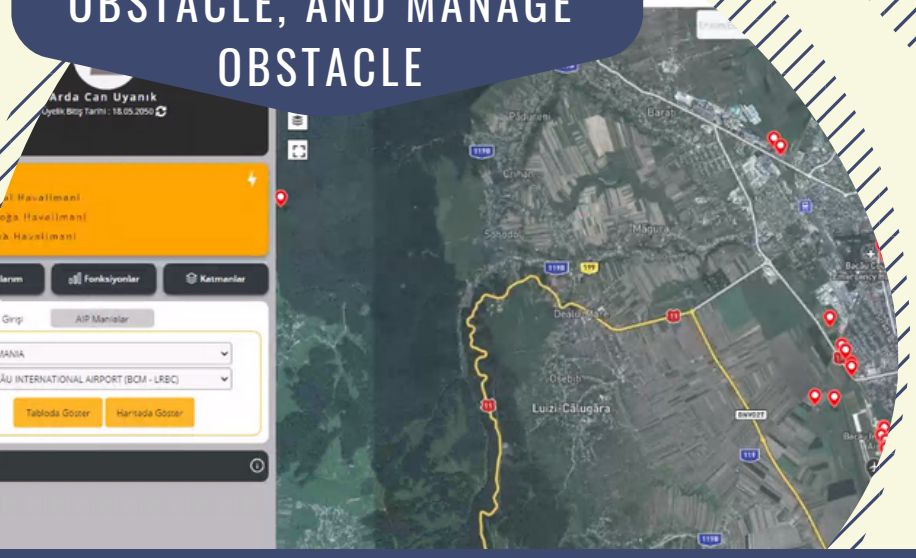
WHAT DO WE HAVE IN OBSTACLEANALYZE?

VIEW CONSTRUCTION CRITERIA FOR THE AREA REMAINING WITHIN THE OBSTACLE LIMITATION SURFACES





OBSTACLE QUERY, ADD OBSTACLE, AND MANAGE OBSTACLE

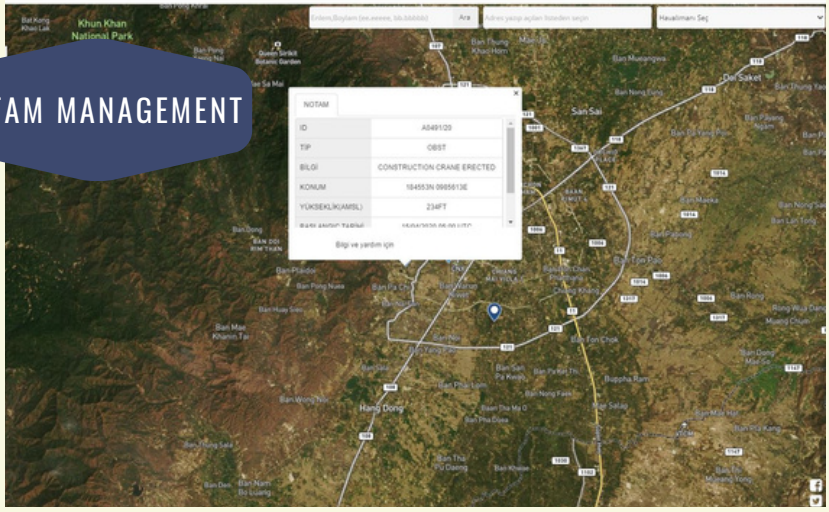


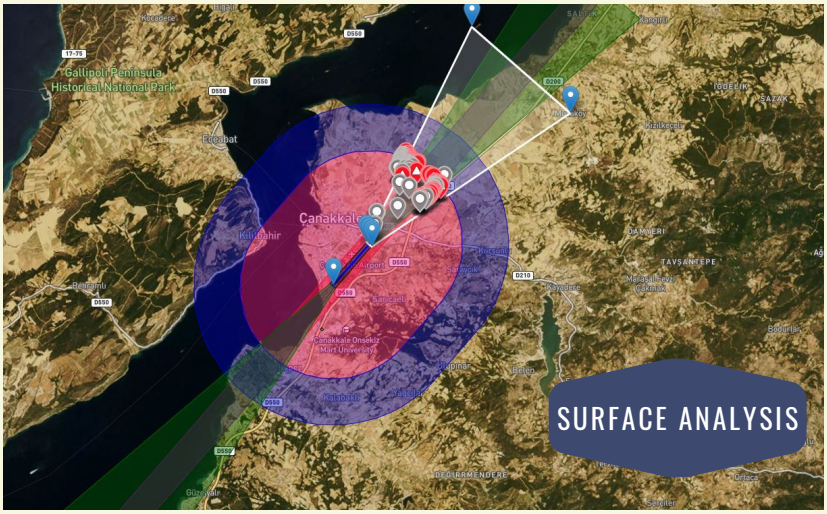
VIEW SHIELDING AND AERONAUTICAL STUDIES

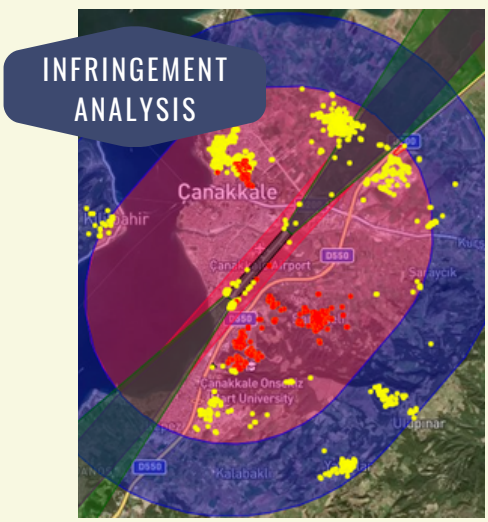
OBSTACLEANALYZE IS A SOFTWARE PLATFORM DEVELOPED BASED ON AERONAUTICAL INFORMATION MANAGEMENT SINCE 2016.

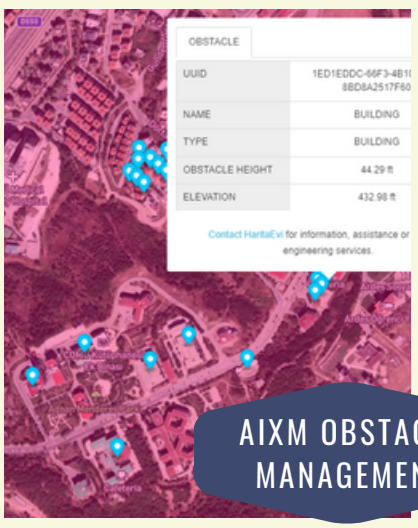
OBSTACLEANALYZE IS HARITAEVI PRODUCT

WHAT FUNCTIONS ARE THERE IN OBSTACLEANALYZE?



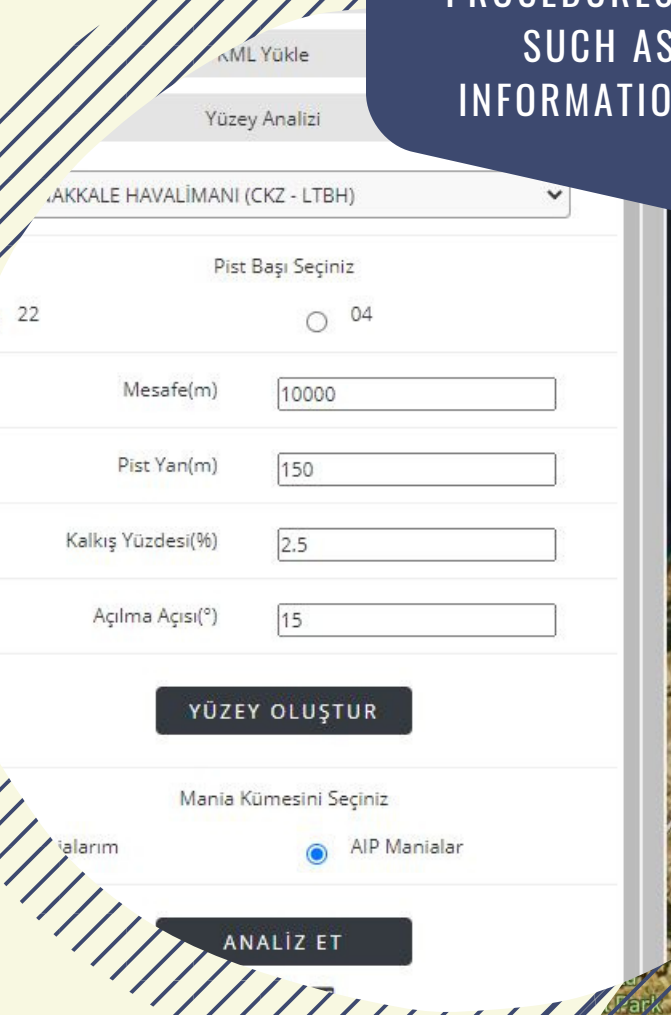




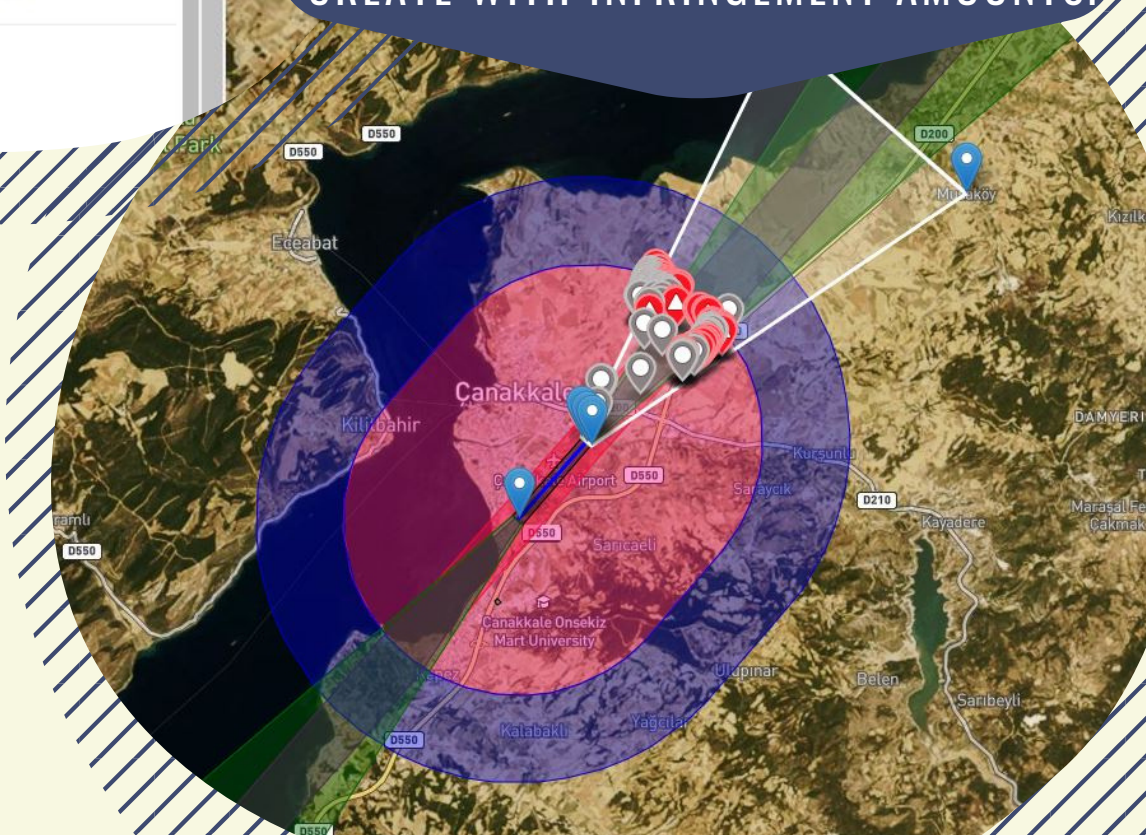


WHAT IS SURFACE ANALYSIS?

YOU CAN CREATE A SURFACE FOR SID PROCEDURES BY ENTERING INFORMATION SUCH AS THE AIRPORT, RUNWAY INFORMATION, DEPARTURE PERCENTAGE ETC.

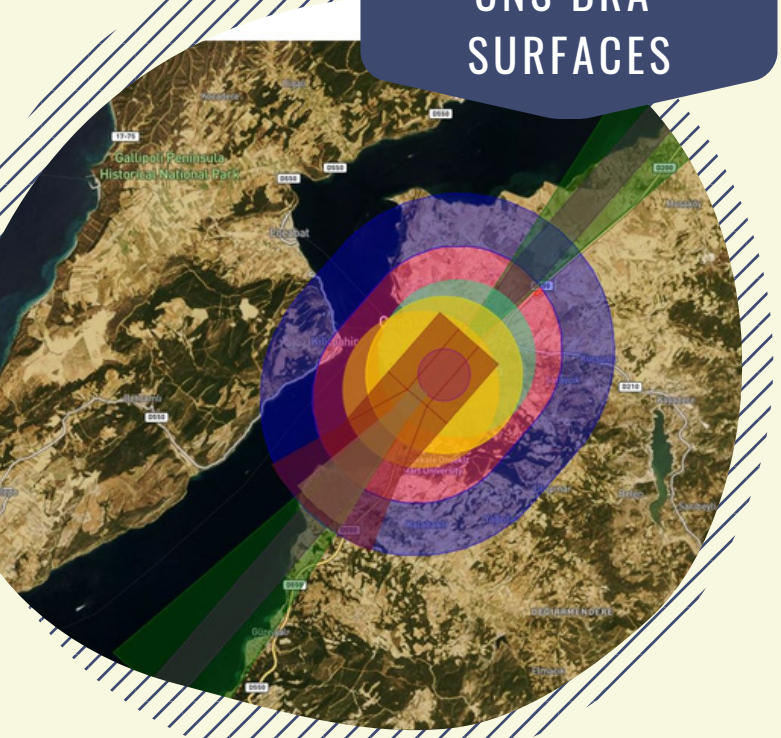


YOU CAN VIEW OBSTACLES THAT INFRINGEMENT THE SURFACE YOU CREATE WITH INFRINGEMENT AMOUNTS.

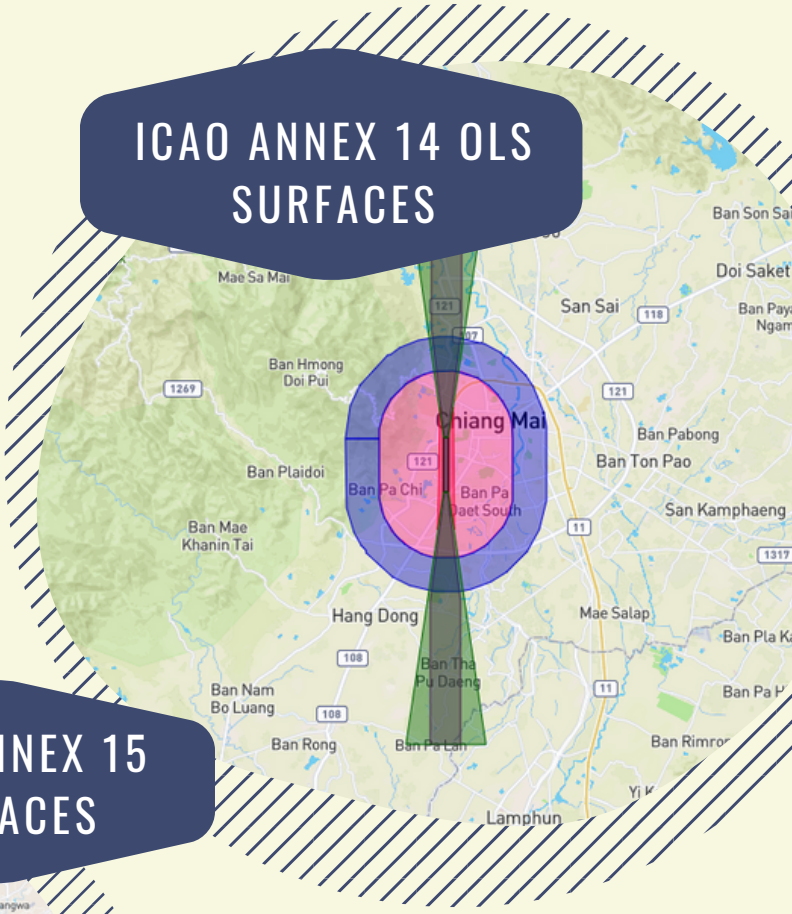


WHICH LAYERS ARE THERE IN OBSTACLEANALYZE?

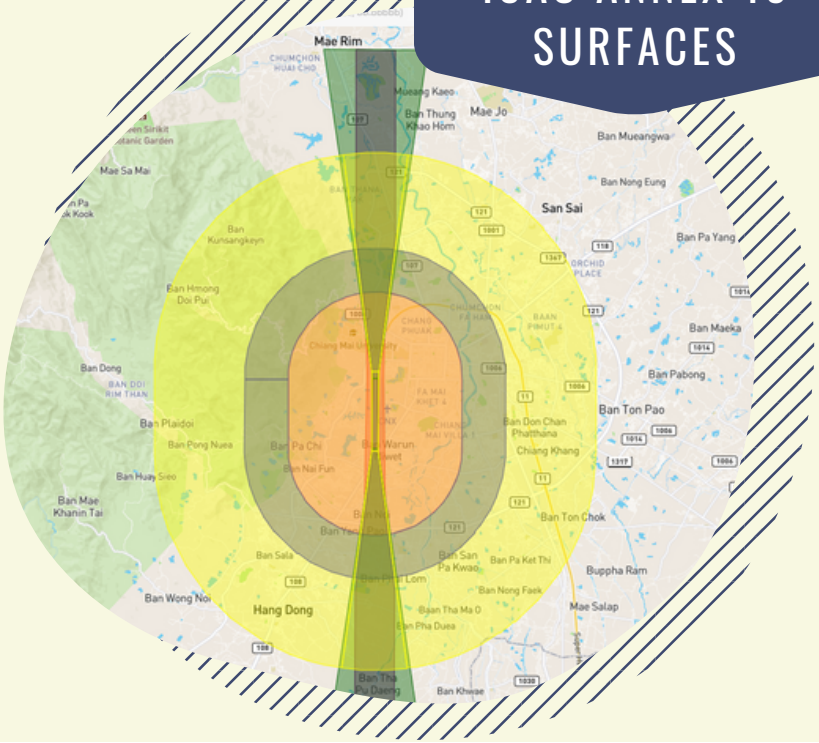
CNS BRA SURFACES



ICAO ANNEX 14 OLS SURFACES

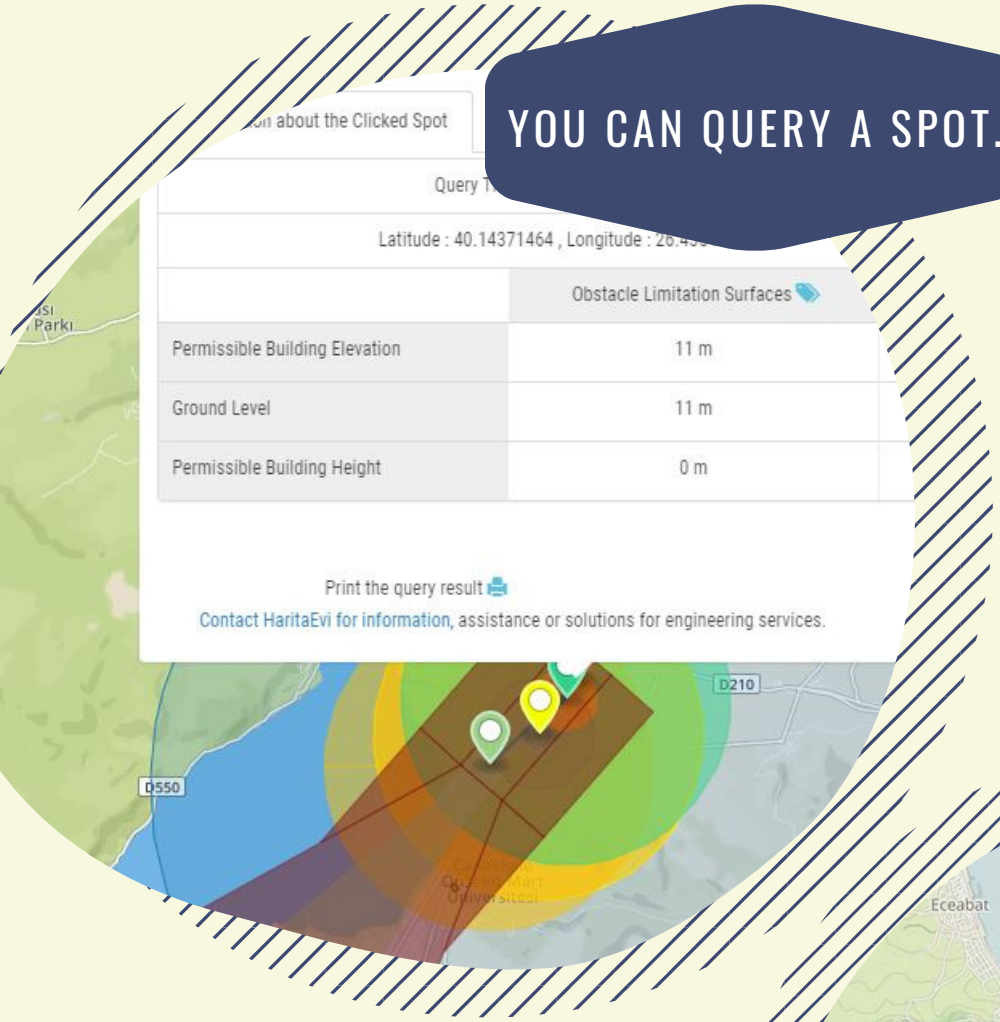


ICAO ANNEX 15 SURFACES

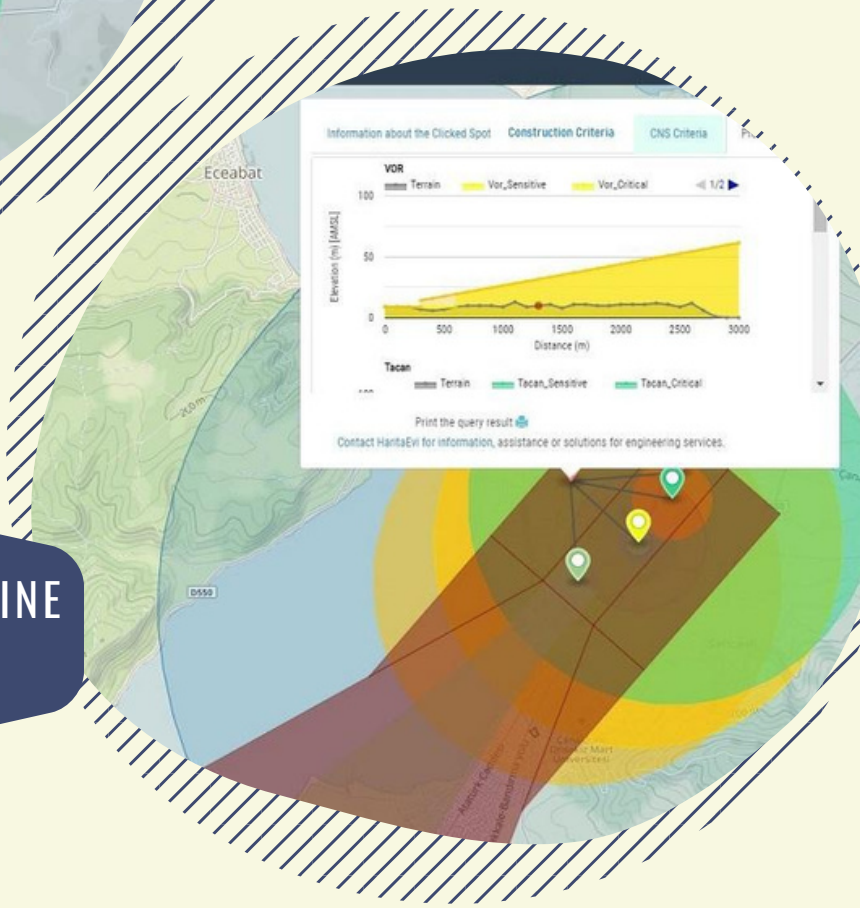


WHAT CAN BE DONE WITH CNS (NAVAIDS) BRA SURFACES ?

YOU CAN QUERY A SPOT.

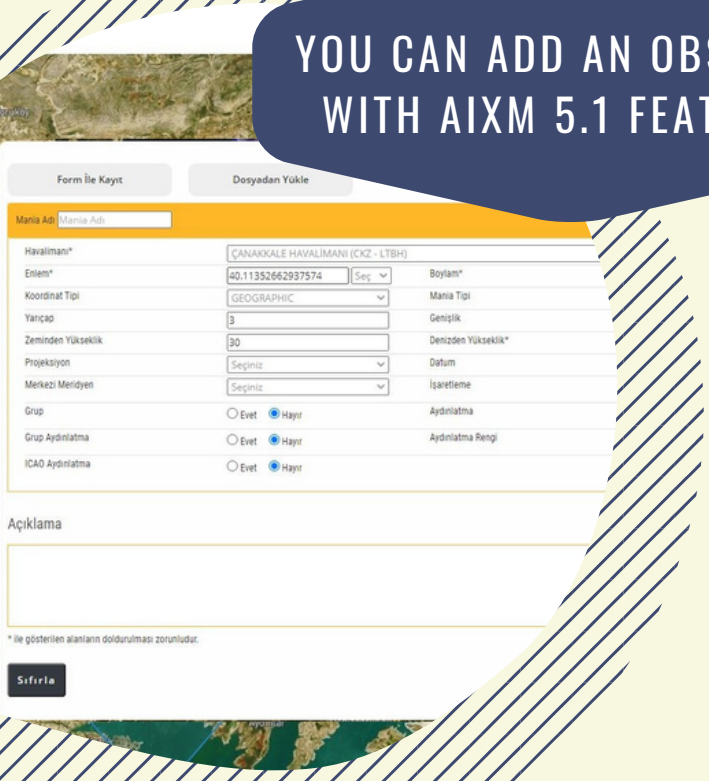


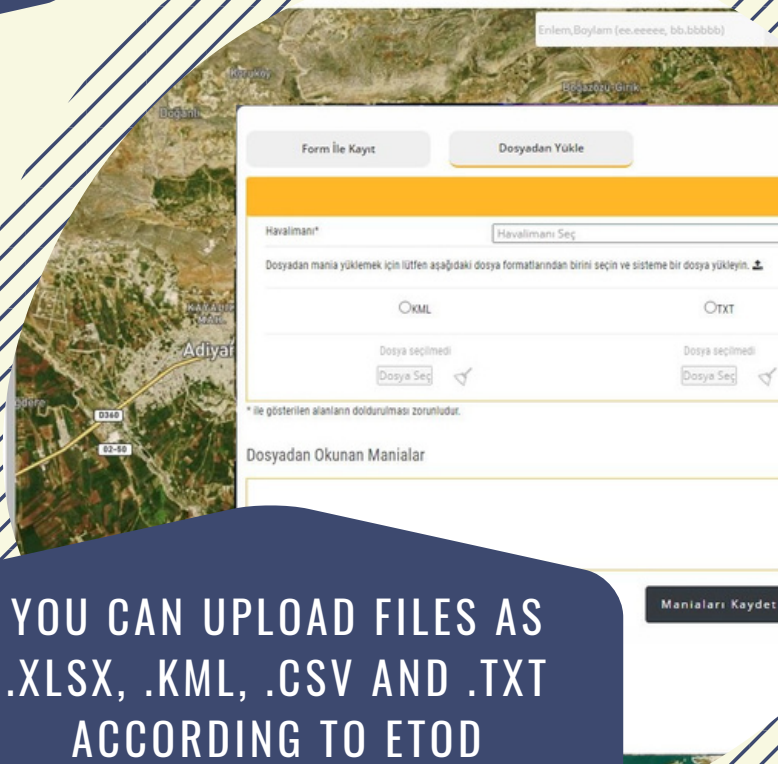
YOU CAN COMMENCE A LINE OF SIGHT ANALYSIS.



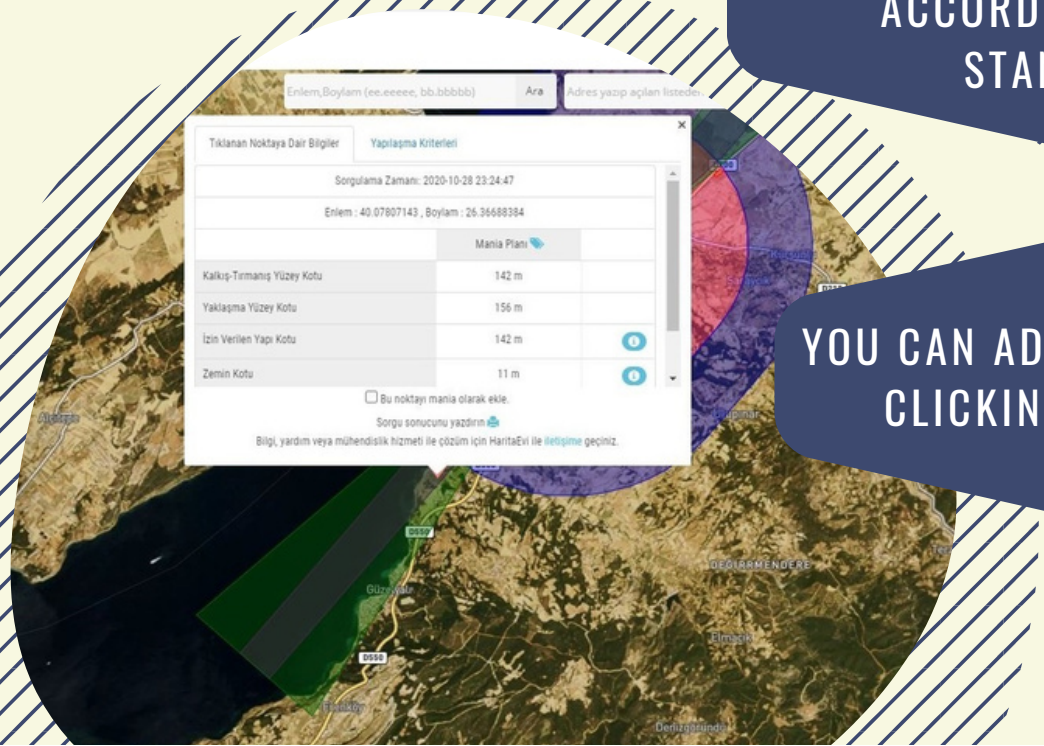
HOW CAN YOU ADD AN OBSTACLE?

YOU CAN ADD AN OBSTACLE WITH AIXM 5.1 FEATURES





YOU CAN UPLOAD FILES AS .XLSX, .KML, .CSV AND .TXT ACCORDING TO ETOD STANDARDS.



YOU CAN ADD AN OBSTACLE BY CLICKING ON THE MAP.

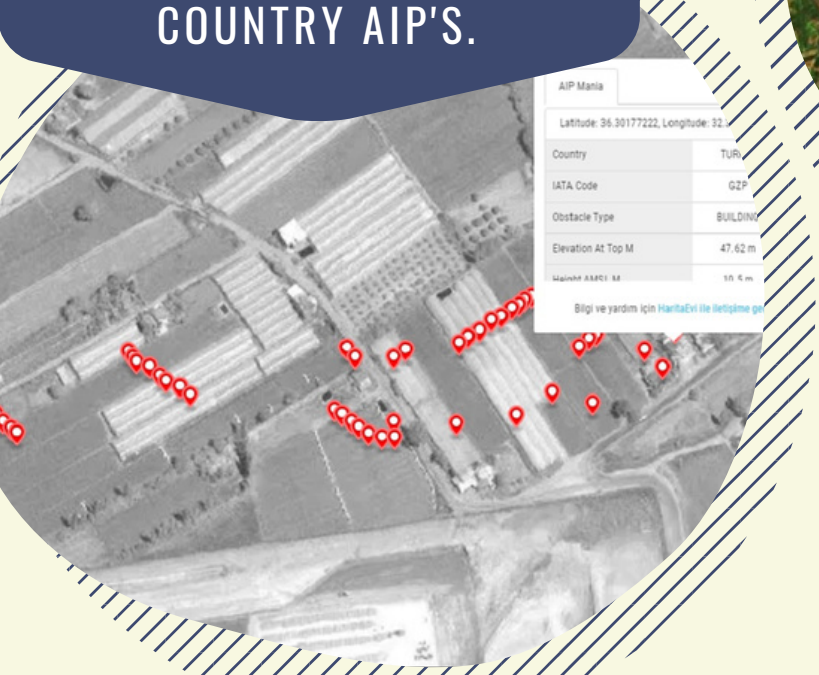
OBSTACLEANALYZE

www.obstacleanalyze.com

OBSTACLE ACCESS FROM DIFFERENT SOURCES

USER OBSTACLES

OBSTACLES PUBLISHED IN COUNTRY AIP'S.



EASY OBSTACLE TRAKING

YOU CAN MANAGE OBSTACLES FROM DIFFERENT SOURCES ACCORDING TO INTERNATIONAL STANDARDS ON YOUR SYSTEM.

HOW DO ADDED OBSTACLES LOOK?

TABLE FORMAT

OBSTACLE TYPE	LATITUDE	LONGITUDE	ELEVATION AT TOP M	HEIGHT AMSL M	HEIGHT FT	ELE
POLE	37.72345278	38.46003611	679.64	10.0	32.8	2229.1
POLE	37.72363056	38.46029444	680.65	10.0	32.8	2233.11
POLE	37.72380833	38.46055278	681.27	10.0	32.8	2235.14
POLE	37.72398333	38.46081111	681.54	10.0	32.8	2236.03
POLE	37.72415833	38.46106944	681.9	10.0	32.8	2237.21
POLE	37.72433333	38.46132778	682.08	10.0	32.8	2237.8
POLE	37.72451111	38.46158611	682.36	10.0	32.8	2238.72
POLE	37.72468611	38.46184444	682.46	10.0	32.8	2239.05
POLE	37.72486389	38.46210278	682.32	10.0	32.8	2238.59
POLE	37.72504167	38.46236111	682.52	10.0	32.8	2239.24
POLE	37.72521667	38.46262222	682.31	10.0	32.8	2238.56
POLE	37.72538889	38.462875	682.08	10.0	32.8	2237.8
POLE	37.73847222	38.47694444	675.16	10.0	32.8	221
POLE	37.73864444	38.47718889	673.85	10.0	32.8	
POLE	37.72867778	38.46258056	683.58	10.0	32.8	
POLE	37.72850556	38.462325	682.3	10.0	32.8	
POLE	37.72832778	38.46206389	680.77	10.0	32.8	

ON THE MAP

WHO CAN ADD AN OBSTACLE?

OR, YOU CAN ADD AN OBSTACLE AS A SINGLE USER.

IF YOU WOULD LIKE, YOU CAN ADD AN OBSTACLE AS A TEAM.

IN OBSTACLEANALYZE, YOU CAN PERFORM YOUR ANALYSIS EITHER WITH A SINGLE USER ACCOUNT OR WITH A TEAM ACCOUNT, CONSISTING OF AN AUTHORIZED ACCOUNT AND USER ACCOUNTS CONNECTED TO IT. EACH OBSTACLE ADDED BY USERS IN THE TEAM ACCOUNT IS APPROVED BY THE AUTHORITY. IF THE AUTHORITY HAS APPROVED THE OBSTACLE, THEN THE WHOLE TEAM CAN VIEW THE NEW OBSTACLE AND USE IT IN THEIR ANALYSIS.

WHAT ARE THE PRINTABLE FORMATS OF ANALYSIS IN OBSTACLEANALYZE?

YOU CAN EXPORT YOUR TABLES AS .XLSX, .KML, .CSV .PDF

OBSTACLE TYPE	LATITUDE	LONGITUDE	ELEVATION AT TOP M	HEIGHT AMSL M	HEIGHT FT	ELE
POLE	37.72345278	38.46003611	679.64	10.0	32.8	2229.9
POLE	37.72363056	38.46029444	680.65	10.0	32.8	2233.11
POLE	37.72380833	38.46055278	681.27	10.0	32.8	2235.14
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POLE	37.72850556	38.462325	682.3	10.0	32.8	
POLE	37.72832778	38.46206389	680.77	10.0	32.8	

YOU CAN GET REPORTS AS .PDF OUT OF THE SYSTEM.

SOFTWARE SPECIFICATIONS AND SYSTEM REQUIREMENTS

DEVELOPMENT TOOLS

HTML

Java

JavaScript

USED APPLICATIONS

GeoServer

PostgreSQL

NGINX

Apache Tomcat

SYSTEM REQUIREMENTS

LINUX Operating System

Processor: 1CPU (8Core)+

RAM: 8GB +

HDD: 160GB +

ACCORDING TO THE NUMBER OF USERS, SYSTEM REQUIREMENTS CAN BE INCREASED. OBSTACLEANALYZE IS A SOFTWARE PLATFORM THAT CAN BE CUSTOMIZED ACCORDING TO REQUIREMENTS.

OBSTACLEANALYZE IS HARITAEVI PRODUCT