

NOAA SATELLITE STATION IN GREECE :

PROSPECTS OF ESTABLISHING AND USES IN REMOTE SENSING EDUCATION

In this work an attempt is made to present the possibility of establishing a NOAA (National Oceanic and Atmospheric Administration) satellite station in Greece.

For this purpose, reference is made to the characteristics of the NOAA satellites, the physical parameters measured by them and hence, the usefulness of such a station.

A typical satellite station is briefly described and its operation is explained together with the factors that are affecting its various parameters.

Finally the situation in Greece with respect to Remote Sensing is examined, referring specifically to the effects that a NOAA station is expected to have on image processing centers and on Remote Sensing education, as well as on environmental studies.