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AND USAGE OF IMS HYDROACOUSTIC DATA BY STATE PARTIES IN AFRICA

The IMS hydroacoustic network do detects signals from underwater explosions, military activities, anti-submarine exercises, marine seismic surveys and blast fishing. This study investigated access and usage to IMS hydroacoustic data. The population of the study was State Parties in the Africa region. Source of data was primary and were collected through structured questionnaire which was distributed to State Parties selected at random. Data were analyzed with the aid of SPSS. The result showed that in human capital there are inadequate skilled personnel in hydroacoustic data analysis; also few educational institutions in offer courses in ocean studies. On structural capital there is poor power supply, inadequate computing equipment and poor funding to support human development in hydroacoustic data analysis. In terms of social capital poor networking of professionals in hydroacoustic data analysis within the State Parties was noted in the study also noted were poor communication with CTBTO in the area of training needs and lack of government commitment to ocean studies. To strengthen the State Parties ability to deploy CTBT verification technologies civil and scientific purposes there is the need to increase the period allocated for hydroacoustic data analysis during CTBTO trainings and exercises.

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