

CTBT Science and Technology Conference 2021 (SnT2021)

Tuesday, 29 June 2021

T1.3 e-poster session: e-poster session - T1.3 - The Oceans and their Properties (09:00 - 12:00)

-Conveners: Georgios Haralabus; Peter Lourcing Nielsen

[id] title	presenter	board
[284] A self-consistent estimate of the CTBT IMS hydrophone locations using scientific airgun data from the CEVICHE trial (Chile)	Mr NIELSEN, Peter Lourcing	
[95] Global hydroacoustic simulations on high-performance computers	Mr KUSHIDA, Noriyuki	
[526] Modeling of hydroacoustic propagation based on the normal mode-parabolic equation method	Mr NAN, De	
[331] Remote detection of hydroacoustic signals potentially associated with the sinking of SS El Faro using CTBT IMS hydrophone data	Mr METZ, Dirk	
[402] Capability of the IMS hydrophone stations network to characterize low level underwater seismicity, underwater volcanism and iceberg events	VERGOZ, Julien	
[425] Recording of T-phases from the M7.4 Kermadec Trench earthquake in 2020 at the CTBT IMS HA03 hydrophone station	Mr OLIVEIRA, Tiago	
[554] Anthropogenic ocean noise: Mediterranean gateways versus open oceans	Mr GREVEMEYER, Ingo	
[490] A theoretical formulation of a 3D acoustic propagation model for stratified oceanic media based on an indirect BEM approach.	Mr GONZALEZ, Juan D.	
[291] IMS hydroacoustic hydrophone station detections associated with volcanic eruptions at Kadovar Island, Papua New Guinea	Mr MATSUMOTO, Hiroyuki	
[494] An inverse problem approach for acoustic Transmission Loss estimation from the analysis of signals generated by seismic air-gun arrays.	Mr PRARIO, Igor	
[270] Modular nodes: Design and development of a novel mechanism which enables the repair of individual underwater components in IMS hydrophone stations	Mr ZAMPOLLI, Mario	
[408] Acoustic Energy Propagation in the Ocean Along Areas of Strong 4-Dimensional Sound Speed Variability	Mr COELHO, Emanuel	
[546] Observed laterally reflected hydroacoustic signals generated by underwater impulsive sound sources	JUKIC, Ivana	
[273] Could short duration broadband signals identified in IMS hydrophone recordings be Right Whale vocalizations?	Mr ZAMPOLLI, Mario	

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