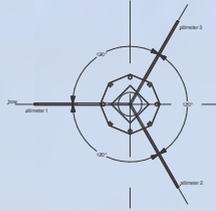


Off-shore Wave Measurements in the Ligurian Sea

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(1) CNR-ISSIA (2) CNR-ISMAR (3) ENEA-CRAM (4) NURC

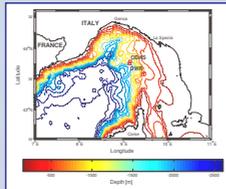
The off-shore buoy ODAS ITALIA 1, moored in Ligurian Sea on a 1370m deep sea bed, collects wave and trim measurements at 2Hz for 5 minutes centred around the hour.



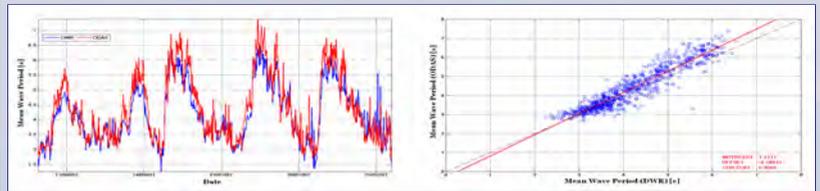
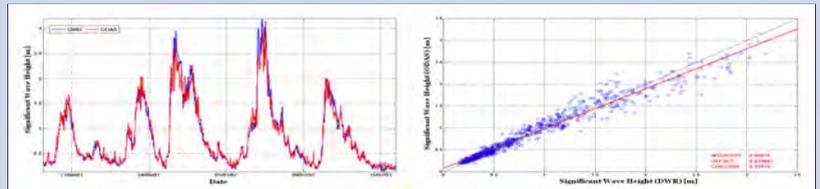
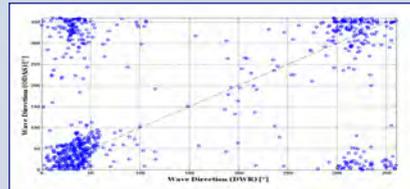
The wave meter system is based on three Tritech PA 500 Precision Altimeters (500 KHZ frequency, 6 deg conical beam).

The three Precision Altimeters are mounted vertically at 10 m depth, on three supports at 120° apart in an upward looking configuration.

ODAS - Waverider comparison



During LASIE experiment a Waverider buoy was deployed by NURC close to the ODAS buoy, thus allowing a direct comparison of the ODAS estimates.



ODAS significant wave height

