



L'infrastruttura pan-Europea per la gestione dei dati oceanografici contiene i meta-dati VECTOR

Alessandra Giorgetti e il Consorzio SeaDataNet

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SeaDataNet - Pan-European infrastructure for Ocean & Marine Data Management è un sistema distribuito per la gestione efficiente di grandi volumi di dati diversi raccolti con le navi oceanografiche ed i nuovi sistemi di osservazione.

SeaDataNet mantiene e fornisce accesso distribuito a dati e meta-dati organizzati attraverso la rete di piattaforme (National Oceanographic Data Centres, Designated National Agencies for International Exchange of marine data and information (IOC/IODE) e Satellite Data Centres).

L'utilizzo di protocolli standard di comunicazione, con formati e vocabolari comuni per dati e meta-dati, garantisce inter-operabilità fra i diversi Centri.



L'attività sperimentale del progetto **VECTOR** è costantemente riportata nei cataloghi Europei ROSCOP/Cruise Summary Report, EDMED ed EDIOS, che contengono le descrizioni delle campagne oceanografiche, dei datasets e dei siti di monitoraggio rispettivamente.

Consulta i moduli ROSCOP delle campagne Vector effettuate, al momento ci sono 9 schede in linea!

ROSCOP - Cruise Summary Reports - download

Ship: 06 - GERMANY, (FEDERAL REPUBLIC), 11 - BELGIUM, 26 - DENMARK, 27 - EGYPT, 29 - SPAIN, 31 - UNITED STATES

Period: From: 01/01/1889 To: 07/09/2007

Sea Area: ADRIATIC SEA, AEGEAN SEA, ALBORAN SEA, BALEARIC SEA, BLACK SEA, GIBRALTAR STRAIT

Discipline: B09 - Zooplankton, B7J - Sediment traps, D01 - Current meters, D05 - Surface drifters/drifted buoys, D06 - Neutrally buoyant floats, D09 - Sea level (incl. bottom pressure & inverted echosounder)

Host Laboratory: ALIRAS, Acoustic Institute of Russian Academy of Sciences, APAT, Agenzia per la Protezione dell'Ambiente e per i servizi Tecnici, Rome, ARIFD, Atlantic Research Institute of Fishery and Oceanography, ARPA Emilia Romagna, Struttura Oceanografica Dopline, Cesenatico, AUB, American University of Beirut, Academie e Chikencova, Trieste

La banca dati oceanografici OGS/NODC è uno dei nodi della rete pan-Europea SeaDataNet, che adotta le metodologie e le tecnologie standard per il controllo di qualità e per la distribuzione di dati e meta-dati.

OGS/NODC è incaricato di mantenere e aggiornare il contributo nazionale aggiornato ed accessibile.

CRUISE SUMMARY REPORT			
SHIP NAME UNIVERSITY	Call Sign: YCM	Type of ship: NO	
CRUISE NO. NAME: VECTOR-AMT			
CRUISE PERIOD	Start: 21/10/2006	End: 21/10/2006	
PORT OF DEPARTURE: SAN GIULIANO	PORT OF RETURN: SAN GIULIANO		
RESPONSIBLE LABORATORY NAME: CNR Istituto Sperimentale Tossicologico, Trieste			
Address: Villa Ocean, 2. Sede, Trieste			
Country: Italy			
COPIE SCIENTIST(S)			
Lab(s): G. Urvetti & M. Baccini			
Contact: G. CNR Istituto Sperimentale Tossicologico, Trieste			
OBJECTIVES AND BRIEF NARRATIVE OF CRUISE			
The Vector-AMT cruise is mainly designed to quantify C fluxes in the Adriatic Sea, by using the physical and biological characteristics of water column. During the cruise the objectives are:			
- to quantify total carbon, and water chemistry of the water column for water and atmosphere exchange during different months;			
- to quantify total carbon, and water chemistry of the water column for water and atmosphere exchange during different months;			
- to evaluate organic and inorganic C fluxes to determine the C budget in sea surface during an annual period.			
Expected results:			
- to estimate the C flux and vertical fluxes in the northern side of Adriatic Sea;			
- to estimate the temporal source of CO ₂ exchange between sea and atmosphere;			
- to study the biological assimilation and to estimate the amount of C fixed in sediment at different depths;			
- to estimate the annual change of total carbon in the Adriatic Sea.			
PROJECT NAME: VECTOR			
Coordinating body: CNR/ISA			
PRINCIPAL INVESTIGATORS:			
A. Urvetti, G. Urvetti & M. Baccini			
B. Baccini, G. Urvetti & M. Baccini			
C. Baccini, G. Urvetti & M. Baccini			
D. Baccini, G. Urvetti & M. Baccini			
E. Baccini, G. Urvetti & M. Baccini			
MIDRINGS, BOTTOM MOUNTED GEAR AND DRIFTING SYSTEMS			
APPROPRIATE POSITION	DATA	DESCRIPTION	
TYPE	TYPE		
A 14 STA 100	CTD	CTD station, with CTD SBE 311, moored, moored, bottom (100)	
B 14 STA 101	CTD	CTD station, with CTD SBE 311, moored, moored, bottom (100)	
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CV 14 STA 249	CTD		