



First Data Buoy Cooperation Panel Mediterranean Training Workshop on Ocean Observations and Data Applications (DBCP-Medi-1)-Part 2

<https://goosocean.org/Medi-1-2>

Virtual participation https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZjBiOTQxMTAtNjJjYi00ODIzLThiOGYtOTcyMGRhNjJhZmE5%40thread.v2/0?context=%7b%22Tid%22%3a%22eaa6be54-4687-40c4-9827-c044bd8e8d3c%22%2c%22Oid%22%3a%22479591b0-bbdd-467b-a489-7f685e24f696%22%7d

Organized by:

National Institute of Meteorology (INM), Ministry of Transport, Tunisia
WMO-IOC Data Buoy Cooperation Panel (DBCP), OceanOPS/WMO
National Center of Ocean Standards and Metrology (NCOSM), China

Host by:

National Institute of Meteorology (INM), Ministry of Transport, Tunisia

Date: 2-4 May 2023 Venue: [Hotel Royal ASBU Tunis](#)

Day 1: Tuesday 2 May 2023

Local Time (UTC+1)	Subject	Lead
07:30-08:00	Registration	
08:00-08:30	INM Director General IOC WMO DBCP	Ahmed Hmam YU Ting-Julia Champika Gallage Nelly Florida Riama
08:30-08:40	Workshop Objectives & Agenda	JIANG Qiu (Rachel) NCOSM
08:40-08:45	Logistic Information	Imen Baccari INM
08:45-09:00	Group Photo & Break	
Session 1: Global and Regional Initiatives (20' presentation) Chair: JIANG Qiu-Rachel Rapporteur: Basma Brahmi		
09:00-09:20	Roundtable Introduction	All
09:20-09:40	INM presentation	Basma Brahmi
09:40-10:00	Marine Environmental Monitoring in Mediterranean	Khalil Attia UNEP
10:00-10:20	DBCP and OceanOPS	JIANG Long OceanOPS
10:20-10:40	Observations in the Mediterranean: Overcoming Challenges and Seizing Opportunities through Coordination	Orens De Fommervault OceanOPS
10:40-11:10	Regional Training Centre activities	Nelly Florida Riama BMKG
11:10-12:00	Q&As	
12:00-13:30	Lunch Break	
Session 2: Instrumentations and Quality Control/Assurance (20' presentation+10'Q&As) Chair: YU Ting-Julia Rapporteur: JIANG Long		
13:30-14:00	New Wave Drifters from FIO	QIAO Fangli (pre-recorded) FIO
14:00-14:30	Surface drifters in the Western Mediterranean Sea	Lara Diaz (remote) SOCIB
14:30-15:00	ADCPs application cases: From shallow sea to deep ocean	RAO Liang (remote) IACAS
15:00-15:30	Tsunami buoy sensor design and use in forecasting	Christopher Moore (remote) PMEL
15:30-16:00	Coffee Break	
16:00-16:30	30 years of monitoring a Mediterranean choke point: the CNR moorings in the Sicily Channel	Katrin Schroeder(remote) CNR
17:00	Wrap up Day 1	

Day 2: Wednesday 3 May 2023

Session 2: Instrumentations and Quality Control/Assurance <i>(continued, 20' presentation+10'Q&As)</i> Chair: Nelly Florida Riama Rapporteur: Champika Gallage		
Local Time (UTC+1)	Subject	Lead
09:00-09:30	Observing the Earth and Ocean with SMART Subsea Cables Mitigating Environmental Hazards The Mediterranean	Bruce Howe/Ceci Rodriguez Cruz (remote)/U. Hawaii
09:30-10:00	Tide gauges network: GLOSS recommendations and on-going regional initiatives	Begoña Pérez Gómez (remote) Puertos del Estado
10:00-10:30*	The new oceanographic operational platform "ZYPHIUS" of the Al Hoceima Marine Observatory - Morocco	Houssine NIBANI AGIR
10:30-10:45	Break	
10:45-11:15	Coastal High-frequency radars in the Mediterranean Sea	Pablo Lorente (Puertos del Estado) Emma Reyes (SOCIB) (remote)
11:15-11:45	The Analysis of sea temperature and sea surface wind variation in response to super typhoon Lekima (1909)	LI Xiaoxia (remote) MOC/CMA
11:45-13:30	Lunch Break	
Session 3: Carbon and Biogeochemistry Observations <i>(20' presentation+10'Q&As)</i> Chair: Artur Palacz Rapporteur: Sana Ben Ismail		
13:30-14:00	Global marine carbon and biogeochemistry observing capacity and data products	Maciej Telszewski & Artur Palacz IOCCP
14:30-15:00	Ocean Acidification observations - contributions from the Mediterranean community	Abed El Rahman HASSOUN GEOMAR
15:00-15:30	Combining in situ and remote sensing biogeochemical observations -examples from the Mediterranean Basin	Sana BEN ISMAIL IOCCP
15:30-16:00	Coffee Break	
16:00-16:30	Best practices in measuring and reporting some basic Biogeochemical Essential Ocean Variables	Marta Alvarez CSIC
16:30-17:00*	Drifter Quality Control--A focus on C-RAID ocean drifters reprocessing: improve the access to historical drifter data	Thierry Carval (remote) Ifremer
NOTE: * These two presentations swapped time slots. Houssine's under theme Session 3 and Thierry's under Session 2		
19:00	Self-funded group dinner	

Day 3: Thursday 4 May 2023

Session 4: Application and Forecasting (continued, 20' presentation+10'Q&As) Chair: JIANG Fan Rapporteur: Basma Brahmi		
Local Time (UTC+1)	Subject	Lead
09:00-09:30	Integrated coastal observing and forecasting system - lessons learnt from the China Coastal Regions	WANG Yuntao (remote) SIO
09:30-10:00	Use and impact assessment of observations in Operational Ocean forecasting systems	Elisabeth Remy (remote) Mercator
10:00-10:30	The Copernicus Mediterranean Physical system: latest model upgrades and accuracy	Emanuela Clementi (remote) CMCC
10:30-10:45	Break	
10:45-11:15	Wave Observations and Forecasts	Fabrice Ardhuin (remote) Ifremer
11:15-11:45	Maritime Search and Rescue and Offshore Oil Spill Emergency Decision Support System	XU Jiangling NSMFC
11:45-12:15	New Meteo-France buoys in the Mediterranean 2023-2024	Christophe Guillerm (remote) MeteoFrance
12:15-13:30	Lunch Break	
Session 5: Round Table Discussions Chair: JIANG Qiu-Rachel, Nelly Florida Riama Rapporteur: Champika Gallage		
13:30-14:30	Roundtable Discussions	All
14:30-15:00	Workshop Wrap-Up (Actions/Recommendations)	All
15:30	Visit to INM	

Acronyms

ADCP	Acoustic Doppler Current Profiler
AGIR	Association de Gestion Intégrée de Ressources, Morocco
BGC	BioGeoChemical/BioGeoChemistry
CTD	Conductivity, Temperature, and Depth
CMA	China Meteorological Administration, China
CMCC	Euro-Mediterranean Center on Climate Change, Italy
CNR	National Research Council, Italy
CSIC	National Research Council, Spain
DBCP	Data Buoy Cooperation Panel
FIO	First Institute of Oceanography of MNR, China
GLOSS	Global Sea Level Observing System
IACAS	Institute of Acoustics of the Chinese Academy of Sciences, China
INM	National Institute of Meteorology, Tunisia
IOC	Intergovernmental Oceanographic Commission of UNESCO, France
IOCCP	International Ocean Carbon Coordination Project
Ifremer	Institut Français de Recherche pour l'Exploitation de la Mer, France
MOC	Meteorological Observation Center, China
MNR	Ministry of Natural Resources, China
NCOSM	National Center of Ocean Standards and Metrology of MNR, China
NSMFC	North China Sea Marine Forecasting Center of MNR, China
NOAA	National Oceanic and Atmospheric Administration, USA
PMEL	Pacific Marine Environmental Laboratory, USA
QA	Quality Assurance
QC	Quality Control
OceanOPS	WMO-IOC Joint in situ Ocean Observing System Monitoring and Coordination Centre
SOCIB	Balearic Islands Coastal Observing and Forecasting System
SIO	Second Institute of Oceanography, China
UNEP	United Nations Environment Programme
XMU	Xia'men University
WMO	World Meteorological Organization, Switzerland