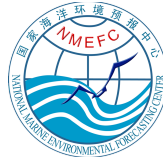


The 9th China-Italy Joint Workshop on Ocean Forecasting and Climate Projections

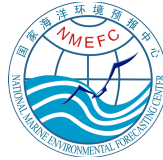
1-2 July, 2024

[CMCC headquarters -Via Marco Biagi 5, 73100, Lecce](#)

Day 1 – Monday, July 1st 2024	
<u>Zoom Link</u>	
8:30 – 9:00	Registration, badge pick-up
9:00 – 9:10	Welcome & Introduction of the Meeting
9:10 – 9:20	Prof. Fujiang Yu, NMEFC. Remarks & Introduction of NMEFC
Session 1	Operational oceanography futures Part I <i>Chair: Prof. Nadia Pinardi</i>
9:20 – 9:40	Simona Masina, CMCC. An Overview of the activities and the challenges of the Institute for Earth System Predictions
9:40 – 10:10	Zhihua Zhang, NMEFC. Technical Development Strategy of the Operational Forecasting Systems in NMEFC
10:10 – 10:40	Giovanni Coppini, CMCC. Ocean Value Chain at CMCC for coastal solutions
10:40 – 11:10	Photos and coffee break
11:10 – 11:40	Jianxi Dong, NMEFC. Storm Surge Forecasting Technology and Applications
11:40 – 12:10	Emanuela Clementi, CMCC. The Mediterranean and Black Sea operational systems within the Copernicus Marine Service



12:10 – 13:10	Lunch
Session 2	Operational oceanography futures Part II <i>Chair: Dr. Ye Yuan</i>
13:10 – 13:40	Zhiyi Gao, NMEFC. 1. Improvements of the Operational Finite Volume WAve Model (FVWAM); 2. Operational Wave Forecasting Model Using Artificial Intelligence
13:40 – 14:10	Ivan Federico, CMCC. Towards Global Coastal Ocean Digital Twins
14:10 – 14:40	Francesco Trotta, CMCC. Relocatable Ocean modelling for forecasting
14:40 – 15:10	Coffee break
Session 3	Toward a science-based climate adaptation planning <i>Chair: Dr. Simona Masina</i>
15:10 – 15:40	Ye Yuan, NMEFC. Consideration on the Development of “Mazu” ^{*2} Ocean-Ice-Wave Coupled Model 2024-2026: A Literature Review
15:40 – 16:10	Giorgia Verri, CMCC. River role in Adriatic future climate
16:10 – 16:40	Yu Zhang, NMEFC. “Mazu” Model Datasets for the OMIP Ocean Model Intercomparison
16:40 – 17:10	Lorenzo Mentaschi, UNIBO. Oligotrophication in the Marine Ecosystems of the Adriatic Sea
17:10 – 17:40	Dorotea Iovino, CMCC. The ability of OMIP models to simulate the global ocean dynamics
17:40 – 18:00	Discussion
20:00	Worskhop Dinner in Lecce downtown: Restaurant La Scarpetta Hostaria Via Principi di Savoia 45, 73100 Lecce



Day 2 – Tuesday, July 2nd 2024	
<u>Zoom Link</u>	
Session 4	From basic science to applications <i>Chair: Dr. Yu Zhang</i>
9:00 – 9:30	Antonio Navarra, CMCC. Are numerical models obsolete?
9:30 – 10:00	Peitao Wang, NMEFC. Tsunami Risk Assessment and Early Warning Systems in China
10:00 – 10:30	Gianandrea Mannarini, CMCC. The open-source ship weather routing model VISIR-2
10:30 – 11:00	Paolo Oddo, UNIBO. Internal waves in the Mediterranean Sea: Observational evidence and modeling studies
11:00 – 11:30	Coffee break
11:30 – 12:00	Rita Lecci, CMCC. Assessment of coastal hazards connected to sea level rise along the China-Europe sea route
12:00 – 12:30	Nadia Pinardi, UNIBO. How do we prepare to increase coastal resilience to ocean and coastal hazards?
12:30 – 13:00	Discussion and end of meeting
13:00 – 14:00	Lunch
14:00 – 15:00	Visit to CMCC HPC facilities