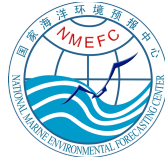


# The 9<sup>th</sup> China-Italy Joint Workshop on Ocean Forecasting and Climate Projections

1-2 July, 2024

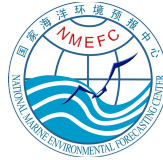
[CMCC headquarters -Via Marco Biagi 5, 73100, Lecce](#)

<b>Day 1 – Monday, July 1<sup>st</sup> 2024</b>	
<u><a href="#">Zoom Link</a></u>	
11:30 – 12:00	Registration, badge pick-up
12:00 – 13:00	<b>Lunch</b>
13:00 – 13:10	<b>Welcome &amp; Introduction of the Meeting</b>
13:10 – 13:20	<b>Prof. Fujiang Yu, NMEFC.</b> Remarks & Introduction of NMEFC
13:20 – 13:30	<b>Simona Masina, CMCC.</b> An Overview of the activities and the challenges of the Institute for Earth System Predictions
<b>Session 1</b>	<b>Operational oceanography futures Part I</b> <i>Chair: Dr. Ivan Federico</i>
13:30 – 14:00	<b>Zhihua Zhang, NMEFC.</b> Technical Development Strategy of the Operational Forecasting Systems in NMEFC
14:00 – 14:30	<b>Giovanni Coppini, CMCC.</b> Ocean Value Chain at CMCC for coastal solutions
14:30 – 15:00	<b>Photos and coffee break</b>
15:00 – 15:30	<b>Jianxi Dong, NMEFC.</b> Storm Surge Forecasting Technology and Applications



15:30 – 16:00	<b>Emanuela Clementi, CMCC.</b> The Mediterranean and Black Sea operational systems within the Copernicus Marine Service
<b>Session 2</b>	<b>Operational oceanography futures Part II</b> <i>Chair: Dr. Ye Yuan</i>
16:00 – 16:30	<b>Zhiyi Gao, NMEFC.</b> 1. Improvements of the Operational Finite Volume WAVE Model (FVWAM); 2. Operational Wave Forecasting Model Using Artificial Intelligence
16:30 – 17:00	<b>Ivan Federico, CMCC.</b> Towards Global Coastal Ocean Digital Twins
17:00 – 17:30	<b>Francesco Trotta, CMCC.</b> Relocatable Ocean modelling for forecasting
17:30 – 18:00	<b>Discussion</b>
20:00	<b>Worskhop Dinner in Lecce downtown:</b> Restaurant La Scarpetta Hostaria <a href="#">Via Principi di Savoia 45, 73100 Lecce</a>

<b>Day 2 – Tuesday, July 2<sup>nd</sup> 2024</b>	
<a href="#"><u>Zoom Link</u></a>	
<b>Session 3</b>	<b>From basic science to applications</b> <i>Chair: Dr. Yu Zhang</i>
9:30 – 10:00	<b>Nadia Pinardi, UNIBO.</b> How do we prepare to increase coastal resilience to ocean and coastal hazards?
10:00 – 10:30	<b>Peitao Wang, NMEFC.</b> Tsunami Risk Assessment and Early Warning Systems in China
10:30 – 11:00	<b>Gianandrea Mannarini, CMCC.</b> The open-source ship weather routing model VISIR-2
11:00 – 11:30	<b>Coffee break</b>
11:30 – 12:00	<b>Paolo Oddo, UNIBO.</b> Internal waves in the Mediterranean Sea: Observational evidence and modeling studies
12:00 – 12:30	<b>Dorotea Iovino, CMCC.</b> The ability of OMIP models to simulate the global ocean dynamics
12:30 – 13:00	<b>Discussion</b>
13:00 – 14:00	<b>Lunch and visit to CMCC HPC facilities</b>
<b>Session 4</b>	<b>Toward a science-based climate adaptation planning</b> <i>Chair: Dr. Giovanni Coppini</i>
14:00 – 14:30	<b>Ye Yuan, NMEFC.</b> Consideration on the Development of “Mazu” Ocean-Ice-Wave Coupled Model 2024-2026: A Literature Review
14:30 – 15:00	<b>Giorgia Verri, CMCC.</b> River role in Adriatic future climate
15:00 – 15:30	<b>Yu Zhang, NMEFC.</b> “Mazu” Model Datasets for the OMIP Ocean Model Intercomparison
15:30 – 16:00	<b>Coffee break</b>



16:00 – 16:30	<b>Lorenzo Mentaschi, UNIBO.</b> Oligotrophication in the Marine Ecosystems of the Adriatic Sea
16:30 – 17:00	<b>Rita Lecci, CMCC.</b> Assessment of coastal hazards connected to sea level rise along the China-Europe sea route
17:00 – 17:30	<b>Discussion and end of meeting</b>