

“Marine Digital Transformation of Ocean Cities in the Era of Climate Crisis”

April 21, 2025. SCSC Center, Pusan National University

- To address marine environmental challenges in Busan, South Korea’s leading ocean city, this forum will explore cutting-edge technologies and innovative approaches. It aims to establish a strategic platform for global data sharing and international cooperation, enabling the standardization and integration of marine data. By doing so, the forum seeks to present developmental directions for leading the marine digital transformation in response to climate change.
- **Forum Theme:** “Innovating and Utilizing Marine Digital Technologies in Busan, the Representative Ocean City of the Climate Crisis Era”
(Key Discussions) Data Collection, Analysis, Storage, Utilization, and Dissemination – Innovative technologies across the marine digital data process chain to address climate change
 - ➊ Advanced Technology for Marine Digital Data Collection: Development and launch of the marine observation micro-satellite ‘BusanSat’ .
 - ➋ Diversification and Storage of Marine Digital Technologies: Development of AI-based technologies for climate change response and supply chain optimization, centered on Busan Port.
- **Date/Time:** Tuesday, April 29, 2025, 2:45 PM – 4:15 PM, **Venue:** Room 211, Exhibition Hall 1, BEXCO
- **Organizers:** Busan Metropolitan City & Pusan National University (SCSC Research Center)
- **Related Agenda:** Digital Ocean
- **Expected Participants:** 50-70 attendees
- **Event Agenda**

Time	Program
14:45-14:50 (5 min)	[Opening Remarks & Session Introduction] ·Moderator: Prof. Hyerim Bae, Director, SCSC Center, Pusan National University (PNU)
Presentation	
14:50-15:00 (10 min)	[Presentation 1] Sustainable Fisheries and Digital Technology ·Sarah Glaser / World Wide Fund for Nature (WWF)
15:00-15:10 (10 min)	[Presentation 2] Marine Digital Decision-Making Tools for Climate Crisis Response ·Sally Yozel / Director, Stimson Center
15:10-15:20 (10 min)	[Presentation 3] Digitalization of Maritime Transport and Port Development in the Era of Climate Change ·Yvo Saanen / Managing Director, Portwise
15:20-15:30 (10 min)	[Presentation 4] International Collaborative Research on Climate Change Using the Miniature Ocean Observation Satellite “BusanSat” ·Ukgyo Jung / Professor, Pukyong National University
15:30-15:35 (5 min)	Break
Discussion	
15:35-16:05 (30 min)	[Panel Discussion] ·Moderator: Prof. Hyerim Bae, Director, SCSC Center, PNU ·All speakers participating
16:05-	[Closing Remarks & Group Photo]