

Curriculum Vitae



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EDUCATION

Ph.D student of Ocean Sciences

Department of Ocean Sciences, Inha University

2025-Present

Master of Ocean Sciences

Department of Ocean Sciences, Inha University

2023-2025

Bachelor of Ocean Sciences

Department of Ocean Sciences, Inha University

2018-2023

PUBLICATIONS

- [1] [†]오지희, 전병진, 정성운, **신재혁**, 전인성, *하호경, 2025. 조석에 의한 해상 구조물 주변 국지세굴 발달 양상: 신안해역 사례. [바다]지, 30(2), 81-92 (doi.org/10.7850/jkso.2025.30.2.081)(5/31/2025).
- [2] [†]**신재혁**, 이우진, 정성운, 김수인, 은채연, *하호경, 도심 유수지 내 오염퇴적물의 안정도: 인천 용현 갯골 사례. [바다]지, 30(4), 227-239 (doi.org/10.7850/jkso.2025.30.4.227)(11/30/2025)
- [3] [†]Yun, M.S., Kim, S.I., Min, J.O., Ha, S.Y., **Shin, J.H.**, Kim, S., Nam, S.-I., and *Ha, H.K., 2026. Biochemical composition and bioavailability of sedimentary organic matter in two contrasting intertidal flats of Korea. *Marine Pollution Bulletin*, 222, 118686 (doi.org/10.1016/j.marpolbul.2025.118686)(1/1/2026).
- [4] [†]**Shin, J.H.**, Choi, S.M., Kim, K.M., and *Ha, H.K., Intensified sediment transport by breakdown of discharge-induced two-layer circulation in a contaminated, macro-tidal bay. *Marine Pollution Bulletin*, 224, 119096 (doi.org/10.1016/j.marpolbul.2025.119096)(3/1/2026).

MANUSCRIPT IN REVIEW/REVISION

MANUSCRIPT IN PREPARATION

- [†]**Shin, J.H.**, Choi, J.Y., Ku, J.B., and *Ha, H.K., Seasonal variability of residual circulation in a closed embayment of Asan Bay(Working title). *Journal to be determined*.

GRANTS AND AWARDS

Pacific-Asian Marginal Seas Meeting (PAMS), Poster Presentation Award	May. 2024.
Yellow Sea-East China Sea-South China Sea Ecosystem Symposium (YES), Best Presentation Award	Dec. 2025.

PRESENTATIONS

Autumn conference of Korean Society of Oceanography, Siheung, Korea, Poster Presentation	Nov. 2023.
21 st Pacific-Asian Marginal Seas Meeting (PAMS), Zhuhai, China, Poster Presentation	May. 2024.
Autumn conference of Korean Society of Oceanography, Daegu, Korea, Oral Presentation	Nov. 2024.
11 th Tidalites, Liverpool, U.K., Oral Presentation	Sep. 2025.
9 th Yellow Sea-East China Sea-South China Sea Ecosystem Symposium (YES), Dongguan, China, Oral Presentation	Dec. 2025.

PATENTS

CERTIFICATE

Industrial Engineer Ocean Survey	Sep. 2020.
Engineer Ocean Environment	Jun. 2024.