

# Curriculum Vitae



Jae Hyeok Shin

Department of Ocean Sciences, Inha University | [ukia3612@gmail.com](mailto:ukia3612@gmail.com) | 82-10-4003-8509

## EDUCATION

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### Doctor 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

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- [1] <sup>†</sup>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)(5/1/2025).
- [2] <sup>†</sup>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).

## MANUSCRIPT IN REVISION

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<sup>†</sup>**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*.

## MANUSCRIPT IN PREPERATION

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<sup>†</sup>**신재혁**, 이우진, 정성운, 김수인, 은채연, \*하호경, 도심 유수지 내 오염퇴적물의 안정도: 인천 용현 갯골 사례. [바다]지.

## GRANTS AND AWARDS

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Pacific-Asian Marginal Seas Meeting (PAMS), Best Poster Presentation Award

May. 2024.

## PRESENTATIONS

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Autumn conference of Korean Society of Oceanography, Poster Presentation

Nov. 2023.

**Pacific-Asian Marginal Seas Meeting (PAMS), Poster Presentation**  
**Autumn conference of Korean Society of Oceanography, Oral Presentation**  
**Tidalites, Oral Presentation**

May. 2024.  
Nov. 2024.  
Sep. 2025.

## **PATENTS**

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## **CERTIFICATE**

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**Industrial Engineer Ocean Survey**  
**Engineer Ocean Environment**

Sep. 2020.  
Jun. 2024.