

JIWOO KANG

Department of Earth System Sciences, Yonsei University

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EDUCATION

2022 –

B.S. in Department of Earth System Sciences, Yonsei University

ACADEMIC COURSES

Geology:

Introduction to Earth System Science; Environmental Earth Science and Labs; Structural Geology & Laboratory; Geophysics & Laboratory; Satellite Geosciences & Laboratory; Biogeochemistry & Laboratory; Hydrogeochemistry & Laboratory; Analysis and Practice of Earth System Data; Natural Disasters & Energy Resources; Igneous Petrology & Laboratory, Groundwater Flow Modeling and Laboratory, Sedimentary Petrology

Others:

Calculus and Vectors Analysis (1)&(2); General Chemistry and Experiment (1)&(2); General Physics and Laboratory (1)&(2)

RESEARCH EXPERIENCE

2025 –

Undergraduate Intern, Morphodynamics and Quantitative Stratigraphy Lab, Department of Earth System Science, Yonsei University

- Reservoir Potential Assessment of Meandering River System

2025

Undergraduate Intern Seismic Geophysics Lab, Department of Earth System Science, Yonsei University

- Velocity Structure Investigation of the South West Coast of the Korean Peninsula

AWARDS

2025

Best Poster Award (December 2025)

- Department of Earth System Science, Yonsei University

CONFERENCE ABSTRACTS

2026

Kang, J., Kim, W., 2026, U-Net based Channel Automapping and Reservoir Potential Assessment. Presented at the 2026 Conference of Korean Society of Petroleum and Sedimentary Geology, Daejeon, Republic of Korea, 12 August.

2025

Kang, J., Kim, W., Kwon, J., 2025, South Sea Continental Shelf Jeju Basin: Seismic Survey of Meandering Fluvial Systems and Geometric Analysis. Presented at the 2025 Conference of Department of Earth System Science, Yonsei University, 22 December.

FIELD EXPERIENCE

2026

- Fossilized Dinosaur Egg Site, Hwaseong, Republic of Korea

2025

- Nakdong River, Busan, Republic of Korea

OTHER EXPERIENCE

2026

- Academy of Industry Academia Research Resource Development, Korean National Oil Company, Daejeon, Republic of Korea, 21-25 July
- Eliis PaleoScan Workshop, Korean National Oil Company, Ulsan, Republic of Korea, 29 June-3 July

2025

- Morphodynamics Summer Camp, Department of Earth System Science, Yonsei University, 28 July-1 August
- Academy of International Organizations, Yonsei University, 1st Semester