

**JEONGYEON HAN – CURRICULUM VITAE**

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**JEONGYEON HAN**  
***CURRICULUM VITAE***

Department of Earth System Sciences, Yonsei University

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Office: Science Research Center 336

**RESEARCH INTERESTS**

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- Sedimentology/Morphodynamics
- Geomorphology of fluvial system/Depositional process of overbank deposits
- River avulsion behaviors/Landscape evolution of river associated with climate change and human influence
- Depositional environment of submarine fan/Turbidity current and submarine channel

**EDUCATION**

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- 2022 (Anticipated)     **M.S. in Earth System Sciences, Yonsei University**, Seoul, Republic of Korea  
Thesis: Linking levee-building process with channel avulsion: Geomorphic analysis for assessing avulsion frequency and style  
Adviser: Wonsuck Kim
- Mar 2018 – Feb 2020     **B.S. in Earth System Sciences, Yonsei University**, Seoul, Republic of Korea  
Thesis: Analysis of Groundwater Response to Climate Change
- Mar 2015 – Feb 2017     Transferred, **B.S. in School of Electronic & Electrical Engineering, Hongik University**, Seoul, Republic of Korea

**RESEARCH EXPERIENCE**

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- Feb 2020 – Present     **Research Assistant**  
Morphodynamics and Quantitative Stratigraphy Research Group  
Department of Earth System Sciences, Yonsei University  
Adviser: Wonsuck Kim
- Fall 2019     **Geological Research Scientist Intern**  
Groundwater Lab  
Department of Earth System Sciences, Yonsei University  
Adviser: Nam Chil Woo

**CONFERENCE PRESENTATIONS**

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- 2021
- Han, J.\***, Kim W., 2021, Linking levee construction with channel avulsion: insights from an advection settling model, *2021 Joint Conference of the Geological Science & Technology of Korea*, Abstract PL-3.
- Han, J.\***, Kim W., 2021, Linking levee-building process with channel avulsion: Geomorphic analysis for assessing avulsion frequency and style, *2021 Fall Joint Conference of the Geological Sciences*, Abstract P110.
- 2020
- Han, J.\***, Kim W., 2020, Linking levee construction with channel avulsion: insights from an advection settling model, *2020 American Geophysical Union Annual Meeting*, Abstract EP019.
- 2019
- Han, J.\***, Lee, H., Woo, N., 2019. Analysis of Groundwater Response to Climate Change, *2019 Regular Conference of Earth System Sciences*.

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**TEACHING EXPERIENCE**

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Spring 2021                    **Teaching Assistant**, Sedimentary Petrology, Yonsei University  
 Fall 2020                      **Teaching Assistant**, Earth System Sciences Frontier Seminar, Yonsei University

**ACADEMIC HONOURS AND AWARDS**

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Feb 2020                      **President’s Award of The Geological Society of Korea**  
 Fall 2019                      **University Honors**, Yonsei University  
 Spring 2019                   **University High Honors**, Yonsei University  
 Fall 2018                      **University Honors**, Yonsei University

Fall 2020                      **BK21Plus (BrainKorea21) Fellowship** (₩4,200,000), National Research Foundation of Korea  
 Spring 2020                   **BK21Plus (BrainKorea21) Fellowship** (₩3,600,000), National Research Foundation of Korea  
 Fall 2019                      **Natural Science and Engineering Undergraduate Internship Program Scholarship** (₩800,000), Yonsei University  
 Fall 2018                      **Resource Development Specialization Scholarship** (₩1,184,196), Yonsei University

**TECHNICAL SKILLS**

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Programming languages: MATLAB, C, R.  
 Computer programs: SPSS, Microsoft office, Adobe (Photoshop, Illustrator).

**REFERENCES**

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**Dr. Wonsuck Kim**, Associate Professor  
 Yonsei Dept. Earth System Sciences  
 Email: delta@yonsei.ac.kr

**Dr. NamChil Woo**, Professor  
 Yonsei Dept. Earth System Sciences  
 Email: ncwoo@yonsei.ac.kr