Sophal Try

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Status at NTU: Research Fellow (completed)
Nanyang Technological Uni., Singapore

Education:
- B. Eng. Water Resources Engineering, Institute of Technology of Cambodia, Sep 2014.
- M. Sc. Disaster Prevention Engineering, Kyungpook National University, Republic of Korea, August 2017.
- Dr. Eng. Hydrology and Disaster Prevention Engineering, Kyoto University, Japan, March 2021.

Working & Research Experiences

- May 2023 to Present, Research Fellow, School of Civil and Environmental Engineering, Nanyang Technological University, Singapore
  - Climate extreme analysis under climate change impact
  - Compound extreme climate analysis
- April 2021 to March 2023, JSPS Research Fellow, Kyoto University, Japan
  - Flood damage estimation under climate change impact
  - Development of real-time flood prediction for the Mekong River Basin
  - Integrated system for flood forecasting and flood damage assessment
- January 2021 to Present, Collaborative Researcher, Institute of Technology of Cambodia
  - Flood inundation modeling
  - Prediction and forecasting of flood and drought in Cambodia
  - Co-supervise students

Research Interests

- Flood hazard prediction and modeling
- Climate extreme and climate change
- Flood forecasting
- Machine learning

Honors & Awards

- Apr, 2021 : JSPS Research Followship, Japan Society for the Promotion of Science, Kyoto University, Japan, 2021-2023 (Grant-in-Aid id: 21F21071).
- Sep, 2019 : DAAD & Kyoto University Partnership Program toward SDGs, Scholarship for Research stay, Technische Universitat Braunschweig, Germany
- Jun, 2019 : ICWRER 2019 Takasao Best Student Paper Honorable-Mention Award, Hohai University, Nanjing, China
- Sep, 2018 : Best Paper Presentation, 11th AUN-SEED/Net 2018 Regional Conference on Environmental Engineering, Phnom Penh Cambodia
- Sep, 2017 : AUN/SEED-Net (JICA) Scholarship, Doctoral Degree Program, Kyoto University, Japan
- May, 2016 : Student Competition Award, Korea Water Resources Association Conference, Daejeon, Republic of Korea