Equi Bridges

Curriculum Vitae

# Yusuke Kurihashi

Director Asia-Pacific, Specialist in Maintenance and Sustainability

## PERSONAL DETAILS & CONTACT


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| Name | Yusuke Kurihashi |
| Title | Prof., PhD, MSc Eng, PEJP |
| Languages | Japanese, English |
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| 🌐 | www.equibridges.ch |


## PROFESSIONAL EXPERIENCE

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|---|---|
| since 2026 | Equi Bridges Ltd.<br>Director Asia-Pacific, Specialist in Maintenance and Sustainability |
| since 2019 | Kanazawa University, Department of Geosciences and Civil Engineering, College of Science and Engineering, Kanazawa, Japan<br>Professor of Structural Engineering, Maintenance and Sustainability<br>until 2022: Associate Professor |
| 2008 - 2019 | Muroran Institute of Technology, Department of Civil Engineering, Muroran, Japan<br>Lecturer of Structural Engineering |
| 2002 - 2008 | Civil Engineering Research Institute for Cold Region, Sapporo, Japan<br>Researcher (Materials Research Team) |

## EDUCATION

| | |
|---|---|
| 1999 - 2002 | PhD thesis at Muroran Institute of Technology, Muroran, Japan<br>*Experimental study on flexural load-bearing properties of RC beams strengthened with FRP sheets* |
| 1993 - 1999 | MSc in Civil Engineering at Muroran Institute of Technology, Muroran, Japan |

## AFFILIATIONS

| | |
|---|---|
| since 2024 | Chair of Impact Engineering Committee of JSCE (Japanese Society of Civil Engineering), Japan |
| since 2019 | Steering member of Structural Engineering committee of JSCE (Japanese Society of Civil Engineering), Japan |
| since 2019 | Chair of Working Group 5 of TC71/SC6, International Organization for Standardization, Switzerland |
| since 2015 | IABSE (International Association for Bridges and Structural Engineering) |

## FURTHER TECHNICAL QUALIFICATIONS

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|---|---|
| since 2016 | Professional Engineer for Steel and Concrete Structures (PEJP), Japan |
| since 2004 | Concrete Diagnosis Engineer of JCI (Japanese Concrete Institute), Japan |

## SELECTED PROJECTS

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| 2002 - 2008 | Hokkaido Regional Development Bureau, Japan<br>Research project on the development of a repairing method using PVA short fiber-mixed concrete, shotcrete and FRP mesh |

## SELECTED PUBLICATIONS

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| 2021 | Kurihashi, Y., Kono, K., Yasuda, E., and Komuro, M.<br>*Impact Resistance Design of Porosity-Free Concrete Beams Strengthened with Aramid Fiber-Reinforced Polymer Sheet*<br>ACI STRUCTURAL JOURNAL 118(1), pp. 101-111 |
| 2021 | Kurihashi, Y., Konno, H., and Hama, Y.<br>*Effects of frost-damaged reinforced concrete beams on their impact resistance behavior*<br>Construction and Building Materials 274 |
| 2020 | Kurihashi, Y., Masuya, H.<br>*Simplified estimation method for maximum deflection in bending-failure-type reinforced concrete beams subjected to collision action and its application range*<br>Applied Sciences (Switzerland) 10(19), pp. 1-26 |
| 2020 | Kurihashi, Y., Oyama, R., Komuro, M., Murata, Y., and Watanabe, S.<br>*Experimental Study on Buffering System for Concrete Retaining Walls Using Geocell Filled with Single-Grain Crushed Stone*<br>International Journal of Civil Engineering 18(10), pp. 1097-1111 |