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Preface

The interest for Nordic Concrete Research is increasing. The December 2024 issue of NCR contained eight papers and this issue (June 2025) contains eleven papers which is all-time-high for NCR (not including the specific issues that also were proceedings from the early Nordic Concrete Research Symposia). The eleven papers come from Finland (5) and Sweden (6) but currently we have also Danish and Norwegian papers under review. Iceland is also showing an increased interest for NCR and I am happy that Dr Dórótea Höeg Sigurðardóttir is assisting me as a co-editor of NCR.

Sustainability and durability for extending the service life of concrete structures and, hence, also contributing to increased sustainability, constitute the topics for most of the papers. This reflects our industry's main focus during the last 15 years. Three papers are focusing on frost that is one of the major deterioration mechanisms in concrete in our Nordic countries. Transports of moisture and chlorides are phenomena that may cause deterioration and both are treated in this NCR issue. A contribution divided in two parts is summarizing findings from a Swedish survey on real damages on a large number of buildings. A paper is discussing concrete for circular economy. Today, more research money is spent on concrete materials than on concrete structures, but this issue contains three papers on various topics that ought to interest the structural engineer; one on estimating concrete strength in-situ, one on shear forces in composite bridges and one on bending stiffness of post-tensioned concrete beams.

When this issue is published, the 25th Nordic Concrete Research Symposium in Sandefjord in Norway is only a month ahead. I do hope that I will see a lot of NCR authors, NCR reviewers, and NCR readers there. The proceedings contain about a hundred extended abstracts. Why not extend the abstract to a full paper in NCR including all necessary details and a more developed analysis. Submit the full paper to NCR either in September 2025 (for NCR No. 2/2025) or March 2026 (for NCR No 1/2026).

Stockholm in June 2025

Johan Silfwerbrand
Editor of NCR