



Nordic Concrete Research

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Swedish Concrete Association

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The Nordic Countries



The Nordic Concrete Federation – A 65 Year Cooperation

- *Dansk Betonforening* – Denmark
- *Finska Betongföreningen* – Finland
- *Norsk Betongforening** – Norway
- *Steinsteypufélag Islands* – Iceland
- *Svenska Betongföreningen** – Sweden

*International ACI Partner



Nordic Concrete Research

- Established in 1982
- 2 issues/ year
- 8-10 papers/ issue
- Peer review: ≥ 2 Nordic experts in the fields



NCR No. 59 (2/2018)

Tobias Danner & Harald Justnes

The Influence of Production Parameters on Pozzolanic Reactivity of Calcined Clays

Mathias Flansbjerg & Jan Erik Lindqvist

Meso Mechanical Study of Cracking Process in Concrete Subjected to Tensile Loading

Jukka Lahdensivu, Pirkko Kekäläinen & Alina Lahdensivu

Alkali-silica Reaction in Finnish Concrete Structures

Otto During, Silu Bhochhibhoya, Ramesh Kumar Maskey & Rajendra Joshi

Rice Husk Resource for Energy and Cementitious Products with Low CO₂ Contributions

Farid Ullah, Fahim Al-Neshawy & Jouni Punkki

Early Age Autogenous Shrinkage of Fibre Reinforced Concrete

Ulla Kytölä & Anssi Laaksonen

Prediction of Restraint Moments in Precast, Prestressed Structures Made Continuous

Kimmo Jalonen, Joonas Tulonen & Anssi Laaksonen

Influence of Cracking on Effects of Restrained Deformations in a Post-tensioned Concrete Bridge

Andres Belda Revert, Klaartje De Weerd, Ulla Hjorth Jakobsen & Mette Rica Geiker

Impact of Accelerated Carbonation on Microstructure and Phase Assemblage

Research Council & Editorial Board of NCR

NCR Authors

- Researchers, PhD students, engineers etc. in the five Nordic countries.
- Visiting professors, scholars, & students at Nordic universities.
- Employees at international universities & research institutes cooperating in Nordic research projects.
- Anyone working with problems that are unique for Nordic geology, climate, industry, construction projects, and/or traditions.

Open Access

- Journal subscription fees have increased dramatically in recent years – European university libraries don't want to pay.
- Results of governmentally supported research should be available for all readers free of cost \Rightarrow state universities & governmental research councils promote (or require) Open Access publication.
- **In practice:** The cost is transferred from the reader to the writer.

NCR & Open Access

- NCR is transferred to Open Access
- Cooperation with *Sciendo*, fully owned by the academic publisher *De Gruyter*
- However, publication is still free of cost
- Reason: Funding from the Nordic cement producers





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