

**The Latin American Association of Quality Control,
Pathology, and Construction Recovery**

Invites you to the

Academic Celebration for the 15th Anniversary of the

Revista Alconpat

15 years of history (2011 - 2025)



which will take place on Thursday, May 15, 2025

Click here:

https://us06web.zoom.us/meeting/register/wqroALOmS4a_YiLmP6atNg#/registration

Event:
100% Online

Event time:
09:00 - 13:00 (GMT-6)

Academic Celebration Program for the 15th Anniversary of Revista Alconpat



*Revista Alconpat
15 years of history 2011 – 2025*

May 15, 2025, Online, 09:00–13:00 (GMT-6)

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- 09:00-09:10 Welcome remarks to the event by Enio Pazini (President of Alconpat)
- 09:10-09:40 Presentation on the history and statistics of the Journal, as well as the immediate and future plans (Pedro Castro Borges).
- 09:40-10:20 Conversation between Associate Editors. Anecdotes, experiences, history, and open topics. Participants: Raúl Husni, Manuel Fernández Cánovas, Andrés A. Torres Acosta, Fernando Branco, José Iván Escalante García, Pedro Garcés Terradillos, Ravindra Gettu, Filippo Ubertini and Edna Possan.
Chaired by Oladis Troconis de Rincón and Paulo Helene.
- 10:20-10:40 Presentation and Recognition of the Editorial Board that has served for 15 years (Manuel Fernández Cánovas, Raúl Husni, Paulo Helene, José Iván Escalante García, Oladis Troconis de Rincón, Fernando Branco and José Manuel Mendoza Rangel).
Presentation and Recognition of members who are no longer on the Editorial Board (Patricia Martínez, Francisco Ruiz, Sergio Espejo, Fernando Branco, Margita Kliever, Francisco Alberto Alonso Farrera, Edna Possan and Luis Fernandez Luco, among others).
Chaired by José Manuel Mendoza Rangel.
- 10:40-11:00 Coffee break
- 11:00-12:30 Short presentations of the most representative papers (by subject, citations, downloads and time) of Alconpat Journal representing North and South America, Asia and Europe. Chaired by a member of the Editorial Committee for each work (see list below). Each Presentation is 12 minutes and 3 minutes for initial presentation and questions.
Chaired by Edna Possan, opening; and Oladis Troconis de Rincón, closure.
- 12:30-12:45 Most productive author in Alconpat Journal. Scientific and technological trends of the topics of the papers published by Paulo Helene in the Alconpat Journal for 15 years (12 papers).
Chaired by Pedro Castro Borges.
- 12:45-12:55 Words by Pedro Garcés Terradillos, Associate Editor in Representation of the Editorial Board.
- 12:55-13:00 Closing with e-toast of honor, Pedro Castro Borges.

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SELECTED PAPERS

2011

Chaired by Ravindra Gettu (India)
Speaker: Carmen Andrade (Spain)

La resistividad eléctrica como parámetro de control del hormigón y de su durabilidad.
SPAIN (14 REF).

Andrade, C., D'Andrea, R.

DOI: <https://doi.org/10.21041/ra.v1i2.8>

2020

Chaired by José Iván Escalante García (Mexico)
Speaker: Daman K. Panesar (Canada)

Physical and chemical effects of limestone filler on the hydration of steam cured cement paste and mortar. **CANADA** (42 REF).

Aqel, M., Panesar, D. K.

DOI: <http://dx.doi.org/10.21041/ra.v10i2.481>

Chaired by Paulo Helene. (Brazil)
Speaker: Venkatesh K. R. Kodur (USA)

A numerical approach for evaluating residual capacity of fire damaged concrete members. **USA** (19 REF).

Kodur, V. K. R., Agrawal, A.

DOI: <http://dx.doi.org/10.21041/ra.v10i2.483>

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2021

Chaired by Andrés Antonio Torres Acosta (Mexico)

Speaker: Rocha, J. H. A. (Brazil, Bolivia)

Inspection of facades with Unmanned Aerial Vehicles (UAV): an exploratory study.
BRAZIL, BOLIVIA (36 REF).

Ruiz, R. D. B., Lordsleem Júnior, A. C., Rocha, J. H. A.

DOI: <https://doi.org/10.21041/ra.v11i1.517>

Chaired by Pedro Garcés Terradillos (Spain)

Speaker: Nicole Hasparyk (Brazil)

Behavior of mortars with different types of cement when induced to Delayed Ettringite Formation (DEF). **BRAZIL** (24 REF).

Tiecher, F., Langoski, M., Hasparyk, N.

DOI: <https://doi.org/10.21041/ra.v11i3.537>

2023

Chaired by Filippo Ubertini (Italy)

Speaker: José Manuel Mendoza Rangel (Mexico)

Circular economy in the Latin American cement and concrete industry: a sustainable solution of design, durability, materials, and processes. **MEXICO** (85 REF).

Mendoza-Rangel, J. M., Díaz-Aguilera, J. H.

DOI: <https://doi.org/10.21041/ra.v13i3.697>

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2011

Análise da resistência à compressão do concreto em estruturas acabadas com vistas à revisão da segurança estrutural. **BRASIL** (52 REF)

Helene, P.

DOI: <http://dx.doi.org/10.21041/ra.v1i1.7>

2013

Experimental evaluation of colored HSC column in fire conditions.

BRASIL (25 REF)

Britez, C., Castro-Borges, P., Berto, A., Helene, P.

DOI: <http://dx.doi.org/10.21041/ra.v3i1.42>

2015

High performance concrete applied in structural columns overlooking sustainability.

BRASIL (18 REF)

Britez, C., Pacheco, J., Levy, S., Helene, P.

DOI: <http://dx.doi.org/10.21041/ra.v5i1.78>

2016

Material and Casting Methodology for SCC and HPC (70MPa) Concrete Foundation Blocks. **BRASIL** (11 REF)

Britez, C., Gadea, J., Carvalho, M., Helene, P.

DOI: <http://dx.doi.org/10.21041/ra.v6i1.113>

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2018

On the influence of sugarcane bagasse ashes as a partial replacement of cement in compressive strength of mortars. **BRASIL** (14 REF)

Berenguer, R. A., Nogueira Silva, F. A., Marden Torres, S., Barreto Monteiro, E. C., Helene, P., de Melo Neto, A. A

DOI: <http://dx.doi.org/10.21041/ra.v8i1.187>

Comparative assessment of the mechanical behaviour of aerated lightweight concrete. **BRASIL** (29 REF)

Berenguer, R. A., Mariz, J. C., Just, Â., Monteiro, E. C. B., Helene, P., Oliveira, R. A., Carneiro, A. M. P.

DOI: <http://dx.doi.org/10.21041/ra.v8i2.194>

Verifying chloride penetration in concrete test samples partially immersed in seawater in Recife, Pernambuco. **BRASIL** (23 REF)

Berenguer, R. A., Passos, A., Monteiro, E. C. B., Helene, P., Just, Â., Oliveira, R. A., Medeiros, M., Carneiro, A. M. P.

DOI: <http://dx.doi.org/10.21041/ra.v8i2.195>

Concrete strength control: ABNT, ACI and EN comparative procedures. Site study case. **BRASIL** (9 REF)

Britez, C., Boni, R., Helene, P.

DOI: <http://dx.doi.org/10.21041/ra.v8i3.303>

A holistic conceptual approach to concrete service life: a split into different time-stages. **BRASIL, MEXICO** (10 REF)

Castro-Borges, P., Helene, P.

DOI: <http://dx.doi.org/10.21041/ra.v8i3.324>

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2019

Fire and collapse of the Wilton Paes de Almeida building in São Paulo, Brazil.
Lessons learned.

BRASIL (15 REF)

Helene, P., Pacheco, J., Couto, D.

DOI: <http://dx.doi.org/10.21041/ra.v10i1.419>

Performance of fire protective coatings in reinforced concrete elements submitted to
high temperatures.

BRASIL (15 REF)

Britez, C., Silva, V. P., Carvalho, M., Helene, P.

DOI: <http://dx.doi.org/10.21041/ra.v10i1.430>

2025

Carbonation deep evaluation of a concrete structure subjected to fire soot.

BRASIL (23 REF)

Valerio, A., Helene, P.

DOI: <https://doi.org/10.21041/ra.v15i1.722>