



## RILEM UPDATE

The International Union of Laboratories and Experts in Construction Materials, Systems and Structures

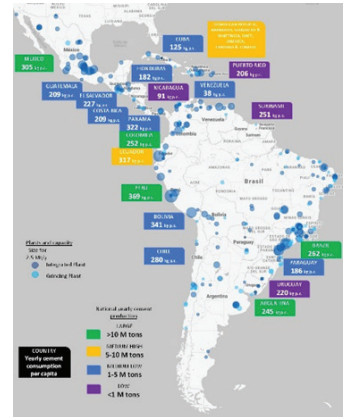
### “Latin America” paper

RILEM Technical Letters has recently published:

Villagrán-Zaccardi, Y.; Pareja, R.; Rojas, L.; Irassar, E. F.; Torres-Acosta, A.; Tobón, J.; John, V. M. **Overview of Cement and Concrete Production in Latin America and the Caribbean With a Focus on the Goals of Reaching Carbon Neutrality.** *RILEM Tech Lett* 2022, 7, 30-46.

This manuscript discusses the strategies and opportunities in Latin America and the Caribbean to reduce the carbon footprint of cement and concrete production. RILEM acknowledges the contribution of its partner FICEM in this work.

Like all RTL papers, this is an Open Access paper that can be downloaded here: [bit.ly/3n5uph2](https://bit.ly/3n5uph2).



### Issue 7, Vol 55 of Materials and Structures

Issue 7, September 2022, of Volume 55 of *Materials and Structures*, RILEM flagship journal, is almost finished. You can check the most recent publications of this issue here: [bit.ly/3PAcBqk](https://bit.ly/3PAcBqk). Many articles are Open Access and many more are concrete and cement related, like, for instance:

Karrer, S., Markić, T., Lee, M. *et al.* **Direction-dependent behaviour and size effect of steel fibre reinforced concrete based on the double punch test.** *Mater Struct* 55, 176 (2022). <https://rdcu.be/cUbi>

Gholizadeh-Vayghan, A., Snellings, R. **Beneficiation of recycled concrete fines through accelerated carbonation.** *Mater Struct* 55, 171 (2022). <https://doi.org/10.1617/s11527-022-01985-x>



### Peer-to-peer webinars

The RILEM Youth Council has recently launched a new online series called “Peer-to-peer webinars”. The first two webinars took place in May and July 2022. You can watch the videos of these webinars, for free, on the RILEM YouTube channel [bit.ly/3PC13D7](https://bit.ly/3PC13D7):

**Sustainability Through Durability**, by Dr Prasanna Kumar Behera, Indian Institute of Technology Kanpu, and Anusha S. Basavaraj, IIT Madras

and

**3D Printing and Nanotechnology for Sustainable Construction**, by Dr Shujian Chen, University of Queensland, and Arun R. Arunothayan, Swinburne University of Technology.

Tuesday May 24th, 2022  
8:30AM Universal TIME UTC (2PM Chennai Time/  
10:30AM Paris Time)

**Peer to Peer Webinar**  
Sustainability Through Durability  
(+Q&A)

ON ZOOM

Presentation by Dr. Prasanna Kumar Behera, Indian Institute of Technology Tirupati (IIT Tirupati), India and Ms. Anusha S. Basavaraj, Indian Institute of Technology Madras (IIT Madras), India

Tuesday July 26th, 2022  
4PM Sydney Time (8AM Paris Time)

**Peer to Peer Webinar**  
3D Printing and Nanotechnology for Sustainable Construction(+Q&A)

ON ZOOM

Presentation by Dr Shujian Chen, (University of Queensland), Australia and Mr. Arun R. Arunothayan, (Swinburne University of Technology), Australia

## ANNOUNCEMENT

# BUILDING RISK ASSESSMENT AND DISASTER RESILIENT CONSTRUCTION TECHNOLOGIES - FOCUS ON EARTHQUAKES AND FIRES

The National Institute of Disaster Management (NIDM) of the Ministry of Home Affairs (MHA) of the Government of India is responsible for capacity building in India to promote a “Culture of Disaster Resilience”, engaging all relevant stakeholders. As part of this initiative, the institute collaborates with numerous Central Ministries, Departments, State and Local Governments, Academic Institutions, and Technical Organizations.

As part of this endeavour, Delhi Disaster Management Authority (DDMA) in collaboration with NIDM will be organising five-days training programme on “Building Risk Assessment and Disaster Resilient Construction Technologies - Focus on Earthquakes and Fires” from 29<sup>th</sup> August to 2<sup>nd</sup> September 2022 at Maharaja Agrasen Institute of Technology, Sector 22, Rohini, Delhi. The programme would be attended by the Assistant Engineers, Junior Engineers, and Disaster Management Professionals from the Delhi Government’s line department viz. PWD, MCD, DMRC, DSIIDC, DDMA, and Flood and Irrigation Department.

Dr. Garima Aggarwal, Senior Consultant (Resilient Infrastructure), NIDM is the Course Coordinator for the Programme. Multiple experts from the industry and academics have been invited to deliver keynote lectures on the topics of seismic and fire safety which includes:

1. Prof. Chandan Ghosh, Head, RID, NIDM
2. Prof. Vasant Matsagar, IIT Delhi
3. Mr Surendra Thakur, Joint Director (I/C), NIDM
4. Dr Hari Kumar, Regional Coordinator, Geohazard International and Head, GHS
5. Mr Amandeep Garg, MD - Creative Design Consultants
6. Mr R. C. Sharma, Former Director, Delhi Fire Services
7. Mr Anup Karanth, Beyond Carlton
8. Mr A. K. Malik, Dy CFO, DFS
9. Mr Shounak Mitra and Mr Aravind Chakravarthy V., Hilti India Pvt. Ltd.



## TRAINING PROGRAMME

on

### BUILDING RISK ASSESSMENT AND DISASTER RESILIENT CONSTRUCTION TECHNOLOGIES - FOCUS ON EARTHQUAKES AND FIRES

29<sup>th</sup> August 2022 – 2<sup>nd</sup> September, 2022

at

Conference hall of Maharaja Agrasen Institute of Technology, Sector-22, Rohini, Delhi

DDMA- North West Delhi in Strategic Partnership with NIDM, Knowledge partnership with Hilti India Pvt. Ltd. and Technical Support from Zone4Solutions