



May 2018

CIB W086 – Building Pathology New Commission Coordinator

In May 2018 the CIB Programme Committee appointed Prof Jorge M.C.L. de Brito as new Coordinator of the Working Commission W086 – Building Pathology.

He is also Joint Coordinator of the CIB Working Commission W080 - Prediction of Service Life of Building Materials and Components.

Contact details



Prof. Jorge M.C.L. de Brito

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Short CV

Prof Jorge M.C.L. de Brito is full Professor at the Instituto Superior Técnico (IST) since 2009. He is also since 1995 member of the CERIS Research center (450 researchers) and is acting as Head for the period of 2017-2018.

The main scientific areas of research are:

- Sustainable construction (recycled aggregates in concrete and mortars)
- Bridge and building management systems
- Buildings service life (prediction)
- Construction technology
- Participation in 21 competitively-financed research programs (4 international), four of which as Principal Investigator.

A selection of the Research topics developed so far within the area of Building Pathology among other are:

- Inspection and diagnosis knowledge-based systems
- Pathology evaluation of buildings and components
- In situ non-destructive diagnosis testing
- Maintenance and rehabilitation techniques for buildings
- Proactive maintenance strategies
- Development of service life prediction models to be used in Life Cycle Costs studies
- Life Cycle Costs analysis

Prof Jorge M.C.L. de Brito has authored or co-authored over 600 papers in journals and conferences a selection of which can be obtained from the following web site:

http://www.researchgate.net/profile/Jorge_Brito5

Personal Statement

Building pathology is a very ancient occurrence but it needs new approaches to be dealt with. The building stock has increased exponentially in the last century and there is need for faster and more efficient ways to inspect, diagnose and maintain/rehabilitate current buildings with pathology problems.

The challenge is therefore that of benchmarking and systemizing all procedures linked with building pathology and use advanced tools, knowledge and technologies to improve today's practice, by reaching out to professionals in the field.

I am thrilled to become the coordinator of CIB W086, and I am looking forward to working with all members of the commission in the advancement and dissemination of building pathology.

Information

More information on CIB Commission W086 –Building Pathology can be found [here](#).

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