



International Journal of Metrology and Quality Engineering

Call for Papers

Special issue on “Metrology for building energy
performance assessment”

Guest Editor

Antoine Caucheteux

Cerema Ouest, Angers, France



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Call for Papers

Special issue on “Metrology for building energy performance assessment”

Background

Building energy performance can be assessed in several ways: calculations, measurements or both. If the scientific works have been made for a long time on calculation and modeling building energy behavior, the need of mastering the building energy consumption leads to the necessity of adding measurements. But it is observed a strong performance gap between predicted and actual energy performance. Then the building energy community faces now to new challenge for uncertainty assessment.

Aim and Scope of the Special Issue

The objective of this special issue is to provide an opportunity for researchers to publish their latest and original work on energy performance assessment through monitoring at the building scale. The proposed papers will particularly address, theoretically or through the presentation of cases studies:

Papers should present methods and approaches for building energy performance assessment through measure and verification protocols. For exemple topics like Measurement and verification protocols, Uncertainty analysis, Data mining, Testing and validation methods.

This special issue is open to everyone, so all authors that feel they meet the aims and scope of the call for papers are invited to submit their manuscripts. Authors should prepare their manuscript according to the *Instructions for Authors* available from the online submission page.

The authors must add in the submission step called ‘Enter comments’ "special issue on Metrology for building energy performance assessment "

All papers will be peer-reviewed by at least two independent reviewers.

Important dates:

Manuscript Applied statistics for measurements, Smart meter, optimizing in situ measurement, etc. should be tackled.

The call asks for contributions concerning the topic of metrology for energy performance assessment. Once the issue of metrology has been dealt with, any object related to this topic can be explored by the papers. For exemple, innovative works concerning occupancy, comfort, energy measurements for electricity, fuels (fossil or not), heat loads, etc. are particularly appreciated.

The call mainly addresses the building scale. Nonetheless, papers stretching beyond specific fragmentary scales (building, block, neighborhood, city, region) are highly appreciated.

Submissions

Original research work or reviews that address any of the above issue and challenges are welcome. Authors are strongly encouraged to submit an original research paper or a short (10-20 manuscript pages) review article highlighting recent advances in any areas related to measurement for building energy performance assessment. Manuscripts should be submitted to IJMQE according to the journal instructions with a cover letter indicating that the submission is intended for this special issue. All papers submitted for this special issue will go through the standard journal review process.

Online submission : <http://www.editorialmanager.com/ijmqe/default.aspx>

Submission deadline: **December 15, 2016**

Reviewers’ feedback - step 1: **February 28, 2017**

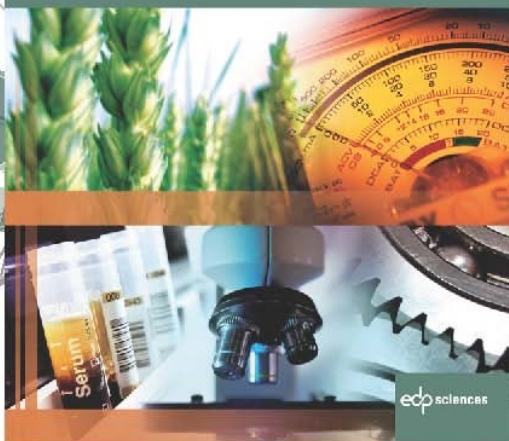
Revised papers submission: **April 15, 2017**

Reviewers’ feedback - step 2: **May 31, 2017**

Final manuscripts due: **June 15, 2017**

Guest Editor e-mail address: antoine.caucheteux@cerema.fr

International Journal of Metrology
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IJMQE publishes research articles dealing with applied metrology and quality tools for process improvement in industry and in research (environment, health, energy, ...).

Its main focus is related to measurement, conformity assessment, process control, products experimental reliability and safety.

The journal is edited in partnership with the
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Key Elements

Rigorous peer review: in compliance with the international COPE ethical policy

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