



# ADVANCES IN ENGINEERING SOFTWARE

(including *Computing Systems in Engineering*)

## AUTHOR INFORMATION PACK

### TABLE OF CONTENTS

•	<b>Description</b>	<b>p.1</b>
•	<b>Impact Factor</b>	<b>p.1</b>
•	<b>Abstracting and Indexing</b>	<b>p.2</b>
•	<b>Editorial Board</b>	<b>p.2</b>
•	<b>Guide for Authors</b>	<b>p.4</b>



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### DESCRIPTION

The objective of this journal is to communicate recent and projected advances in **computer-based engineering** techniques. The fields covered include **mechanical, aerospace, civil** and **environmental engineering**, with an emphasis on research and development leading to practical problem-solving.

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- Model and mesh generation
- Control of the accuracy, stability and efficiency of computational process
- Exploitation of new computing environments (eg distributed heterogeneous and collaborative computing)
- Advanced visualization techniques, virtual environments and prototyping
- Applications of AI, knowledge-based systems, computational intelligence, including fuzzy logic, neural networks and evolutionary computations
- Application of object-oriented technology to engineering problems
- Intelligent human computer interfaces
- Design automation, multidisciplinary design and optimization
- CAD, CAE and integrated process and product development systems
- Quality and reliability

The journal publishes research papers, survey papers on key application areas, short communications and technical notes, discussions, software reviews and book reviews. A conference calendar is also included – entries welcome.

Related conferences are listed under 'Related publications'.

### IMPACT FACTOR

2016: 3.000 © Clarivate Analytics Journal Citation Reports 2017

## ABSTRACTING AND INDEXING

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[4] Cancer Research UK. Cancer statistics reports for the UK, <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/>; 2003 [accessed 13 March 2003].

Reference to a dataset:

[dataset] [5] Oguro M, Imahiro S, Saito S, Nakashizuka T. Mortality data for Japanese oak wilt disease and surrounding forest compositions, Mendeley Data, v1; 2015. <https://doi.org/10.17632/xwj98nb39r.1>.

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