



*software*

an Open Access Journal by MDPI

## Software Analysis, Evolution, Maintenance and Visualization

Guest Editor:

**Dr. Antonio González-Torres**

School of Computer Engineering,  
Costa Rica Institute of  
Technology, Cartago 159-7050,  
Costa Rica

Deadline for manuscript  
submissions:

**closed (1 May 2024)**

### Message from the Guest Editor

Topics of interest include, but are not limited to, the following:

- Methods to monitor the evolution of the quality of software elements (i.e., classes, packages and modules), taking into account the use of software quality metrics.
- Mechanisms for the measurement and analysis of task execution, progress analysis and performance prediction.
- Methods to assist in risk management and to control the size and complexity of the software product.
- Instruments to keep project managers informed on collaboration patterns between developers.
- Approaches to study synchronous and asynchronous changes, as well as their implications (in terms of quality and functionality).
- Methods to understand and comprehend software systems and their recent changes and evolution.
- Comprehension of the sociotechnical relationships derived from the development process.
- Software tools for software analysis, evolution and maintenance.
- Software analysis, parsing and fact extraction.
- Software evolution analysis.
- Mining software repositories, software analytics and software visualization.



[mdpi.com/si/158686](https://mdpi.com/si/158686)

**Special** Issue