Advances on Clustering Algorithms for Image Processing

Guest Editor:

Prof. Dr. Pasi Fränti
School of Computing, University of Eastern Finland, 80101 Joensuu, Finland

Deadline for manuscript submissions:
closed (30 September 2020)

Message from the Guest Editor

Clustering methods have been actively developed for decades for applications in databases, data analysis, web mining, recognition systems, pattern recognition, and also image processing. Clustering depends on two things: Objective function such as sum-of-squared errors (SSE), and the algorithm that tries to optimize this function.

An open question is to what extent these results apply to clustering for image processing. What clustering algorithm and which objective function should be used in remote sensing? The number of clusters should also be solved.

This call for papers invites submissions of new methods and review papers that study how clustering methods are effectively applied in image processing. The application can be image enhancement, filtering, segmentation, object extraction or any other process that is used in remote sensing. Review papers based on systematic comparison of single components are especially welcome.

Special Issue

Editor-in-Chief

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.
Journal Rank: JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)

Contact Us