# **Special Issue**

## Pixel-Based Image Compositing

## Message from the Guest Editor

Pixel-based image compositing algorithms exploit pixel properties aiming to create spatially-contiguous image composites across large areas. The goal is to create high-quality, noisy-free, and consistent datasets to support a wide range of applications based on remote sensing imagery. Despite the huge progress in the area in the past decades with regard to the development of effective algorithms and models for pixel-based image composition, the generation of high-guality images to be used in such applications is still a cumbersome task. Common challenges include: Cloud, haze, and aerosol contamination; inexistence of methods to define suitable composite period lengths; lack of efficient algorithms for dealing with massive datasets. The overarching goal of this Special Issue is to present state-of-the-art research outcomes in pixel-based image compositing, focusing on both novel effective and efficient algorithms, and existing needs in emerging applications and case studies.

## Guest Editor

Prof. Ricardo da Silva Torres Institute of Computing, University of Campinas (UNICAMP), Campinas, Brazil

## Deadline for manuscript submissions

closed (30 November 2019)



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#### Editor-in-Chief

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