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FOREWORD

Big data is an important area of research for data researchers and scientists. Within the realm of big data, spatial and spatio-temporal data are among the fastest growing types of data. With advances in remote sensors, sensor networks, and the proliferation of location sensing devices in daily life activities and common business practices, the generation of disparate, dynamic, and geographically distributed spatiotemporal data has exploded in recent years. In addition, significant progress in ground, air and space-borne sensor technologies has led to an unprecedented access to earth science data for scientists from different disciplines, interested in studying the complementary nature of different parameters. Analyzing this data poses a massive challenge to researchers.

The 9th workshop on Analytics for Big Geospatial Data (BigSpatial 2020) builds on the success of the previous eight editions in bringing together researchers from academia, government and industrial research labs working in the area of spatial analytics with an eye towards massive data sizes. The main motivation behind this workshop has been the need for a forum to exchange ideas and recent research results, and to facilitate collaboration and dialog between academia, government, and industrial stakeholders. The workshop continues to provide this platform to researchers and practitioners engaged in addressing the big data aspect of spatial and spatio-temporal data analytics to present and discuss their ideas.

This year we received nine technical submissions out of which six were selected as full papers and one as a short paper. The technical program also consisted of two invited talks. In the coming years, we hope that the workshop will continue to provide an international forum for researchers, developers, and practitioners in the field of data analytics for big geospatial data to identify current and future areas of research.

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