The eleventh edition of The International Conference on Advanced Geographic Information Systems, Applications, and Services (GEOProcessing 2019), held in Athens, Greece, February 24 - 28, 2019, addressed the aspects of managing geographical information and web services.

The goal of the GEOProcessing 2019 conference was to bring together researchers from the academia and practitioners from the industry in order to address fundamentals of advances in geographic information systems and the new applications related to them using the Web Services. Such systems can be used for assessment, modeling and prognosis of emergencies.

GEOProcessing 2019 provided a forum where researchers were able to present recent research results and new research problems and directions related to them. The topics covered aspects from fundamentals to more specialized topics such as 2D & 3D information visualization, web services and geospatial systems, geoinformation processing, and spatial data infrastructure.

We take this opportunity to thank all the members of the GEOProcessing 2019 Technical Program Committee as well as the numerous reviewers. The creation of such a broad and high-quality conference program would not have been possible without their involvement. We also kindly thank all the authors who dedicated much of their time and efforts to contribute to the GEOProcessing 2019. We truly believe that, thanks to all these efforts, the final conference program consists of top quality contributions.

This event could also not have been a reality without the support of many individuals, organizations, and sponsors. We are grateful to the members of the GEOProcessing 2019 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that GEOProcessing 2019 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in geographic information research.

We also hope that Athens provided a pleasant environment during the conference and everyone saved some time for exploring this beautiful city.

GEOProcessing 2019 Chairs

GEOProcessing Steering Committee
Claus-Peter Rückemann, Leibniz Universität Hannover / Westfälische Wilhelms-Universität
Münster / North-German Supercomputing Alliance (HLRN), Germany [Chair]
Yerach Doytsher, Technion - Israel Institute of Technology, Haifa, Israel
Monica De Martino, Consiglio Nazionale delle Ricerche - Genova, Italy
Thierry Badard, Centre for Research in Geomatics - Laval University, Quebec, Canada
Jianhong Cecilia Xia, Curtin University, Australia
Timofey Samsonov, Lomonosov Moscow State University, Russia
Thomas Ritz, FH Aachen, Germany

GEOProcessing Industry/Research Advisory Committee
Mete Celik, Erciyes University, Turkey
Katia Stankov, Synodon Inc., Canada
Lena Noack, Free University of Berlin, Germany
Baris M. Kazar, Oracle America Inc., USA
Petko Bakalov, Environmental Systems Research Institute (ESRI), USA
Olivier Dubois, OSCARS, France
Albert Godfrind, Geospatial technologies/Oracle Server Technologies - Sophia Antipolis, France
Cidália C. Fonte, University of Coimbra/INESC Coimbra, Portugal