

GEOProcessing 2021

Forward

The Thirteenth International Conference on Advanced Geographic Information Systems, Applications, and Services (GEOProcessing 2021), held in Nice, France, July 18 - 22, 2021, addressed the aspects of managing geographical information and web services.

The goal of the GEOProcessing 2021 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 2021 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 2021 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 2021. 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 2021 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that GEOProcessing 2021 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.

GEOProcessing 2021 Chairs

GEOProcessing 2021 General Chair

Claus-Peter Rückemann

Westfälische Wilhelms-Universität Münster (WWU) / DIMF / Leibniz Universität Hannover
Germany

GEOProcessing Steering Committee

Thomas Ritz, FH Aachen, Germany

Yerach Doytsher, Technion - Israel Institute of Technology, Haifa, Israel

Francisco Javier Nogueras-Iso, Universidad de Zaragoza, Spain

Alexey Cheptsov, High Performance Computing Center Stuttgart, Germany

Roger Tilley, Sandia National Laboratories, USA

Jui-Hsin (Larry) Lai, Ping-An Technology - Research Lab, USA

GEOProcessing 2021 Advisory Committee

Monica De Martino, Consiglio Nazionale delle Ricerche - Genova, Italy

Jianhong Cecilia Xia, Curtin University, Australia

GEOProcessing 2021 Publicity Chair

Alvaro Liebana, Universitat Politecnica de Valencia, Spain

Mar Parra, Universitat Politecnica de Valencia, Spain