

GEOProcessing 2021

The Thirteenth International Conference on Advanced Geographic Information Systems, Applications, and Services

July 18 – 22, 2021

Nice, France

GEOProcessing 2021 Editors

Claus-Peter Rückemann, Westfälische Wilhelms-Universität Münster (WWU) / DIMF / Leibniz Universität Hannover, Germany
Yerach Doytsher, Technion - Israel Institute of Technology, Haifa, Israel

Printed from e-media with permission by:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2021) by International Academy, Research, and Industry Association (IARIA) Please refer to the Copyright Information page.

Printed with permission by Curran Associates, Inc. (2023)

International Academy, Research, and Industry Association (IARIA) 412 Derby Way Wilmington, DE 19810

Phone: (408) 893-6407 Fax: (408) 527-6351

petre@iaria.org

Additional copies of this publication are available from:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571 USA Phone: 845-758-0400

Fax: 845-758-2633

Email: curran@proceedings.com Web: www.proceedings.com

Table of Contents

Cross-border and Cross-domain Integration of Content in a European Geospatially Enabled Ecosystem Lassi Lehto, Jaakko Kahkonen, Jari Reini, Timo Aarnio, and Roope Tervo	1
Deep Reinforcement Learning for Spatial Motion Planning in 3D Environments Oren Gal and Yerach Doytsher	6
Image Classification Methods Assessment for Identification of Small-Scale Agriculture in Brazilian Amazon Flavia Domingos Pacheco, Maira Ramalho Matias, Gabriel Maximo Silva, Anielli Rosane Souza, Yosio Edemir Shimabukuro, and Maria Isabel Sobral Escada	12
Parametrising a Model of Clinopyroxene/Melt Partition Coefficients for Sodium to Higher Upper Mantle Pressures Julia Marleen Schmidt and Lena Noack	20
Methodology of Chorological and Coherent Conceptual Knowledge Contextualisation: Approaches for Multi- disciplinary Contexts in Prehistory and Archaeology <i>Claus-Peter Ruckemann</i>	28