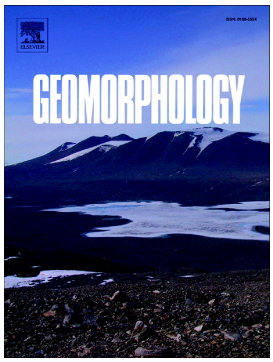
Accepted Manuscript



Last Glacial aeolian landforms and deposits in the Rhône Valley (SE France): Spatial distribution and grain-size characterization

Mathieu Bosq, Pascal Bertran, Jean-Philippe Degeai, Sebastian Kreutzer, Alain Queffelec, Olivier Moine, Eymeric Morin

PII: S0169-555X(18)30241-1
DOI: doi:10.1016/j.geomorph.2018.06.010
Reference: GEOMOR 6425

To appear in: *Geomorphology*

Received date: 4 April 2018
Revised date: 12 June 2018
Accepted date: 12 June 2018

Please cite this article as: Mathieu Bosq, Pascal Bertran, Jean-Philippe Degeai, Sebastian Kreutzer, Alain Queffelec, Olivier Moine, Eymeric Morin , Last Glacial aeolian landforms and deposits in the Rhône Valley (SE France): Spatial distribution and grain-size characterization. Geomor (2017), doi:10.1016/j.geomorph.2018.06.010

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Last Glacial aeolian landforms and deposits in the Rhône Valley (SE France): Spatial distribution and grain-size characterisation

Mathieu BOSQ[1,*], Pascal BERTRAN[1,2], Jean-Philippe DEGEAI[3], Sebastian KREUTZER[4], Alain QUEFFELEC[1], Olivier MOINE[5], Eymeric MORIN[6,7]

[1] PACEA, UMR 5199 CNRS - Université Bordeaux, Bâtiment B8, allée Geoffroy Saint Hilaire, 33615 Pessac, France

[2] Inrap, 140 avenue du Maréchal Leclerc, 33130 Bègles, France

[3] ASM, UMR 5140 CNRS - Université de Montpellier III, route de Mende, 34199 Montpellier, France

[4] IRAMAT-CRP2A, UMR 5060 CNRS - Université Bordeaux Montaigne, Maison de l'Archéologie, 33607 Pessac, France

[5] LGP, UMR CNRS 8591, Université Paris I Panthéon-Sorbonne / Université Paris-Est-Créteil-Va1-de-Marne (UPEC), place Aristide Briand, 92195 Meudon, France

[6] Inrap, 6 rue Jean Bertin, 26901 Valence, France

[7] EVS, UMR CNRS 5600, Université Lumière – Lyon II, 86 rue Pasteur, 69007 Lyon, France

*corresponding author: Mathieu BOSQ (mathieu.bosq@gmail.com)

Abstract

In the Rhône Valley, a north-south oriented Cenozoic rift in southeast France, thick Pleistocene loess deposits have been recognized since the beginning of the last century. These loess records, which are disconnected from the North European Loess Belt (NELB), are of significant interest to document the evolution of perimediterranean landscapes and environments during the Last Glacial. To overcome the poor precision of available aeolian distribution maps, aeolian deposits were mapped using the topsoil textural database provided by the Land Use and Cover Area frame Statistical

Download English Version:

https://daneshyari.com/en/article/8907946

Download Persian Version:

https://daneshyari.com/article/8907946

Daneshyari.com