

Proceedings of the
27th International Geological Congress
Moscow 4–14 August 1984

VII-27-1
U.S.S.R.
1984
Geological
Survey
of Russia

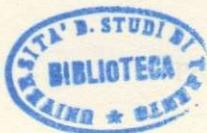
VI-27-1
U.S.S.R.
1984
Geological
Survey
of Russia

IV-27-1
U.S.S.R.
1984
Geological
Survey
of Russia

Volume 3

**QUATERNARY GEOLOGY
AND GEOMORPHOLOGY**

The Organizing Committee is pleased to acknowledge the efforts of all of the participating societies in helping to produce these proceedings.



Professor N. A. BOGDANOV
General Secretary of the
Organizing Committee

VNU SCIENCE PRESS

Utrecht, The Netherlands
1984

CONTENTS

Preface	v
Quaternary geological problems of Siberia	
M.N. Alexeev, E.V. Devyatkin, S.A. Arkhipov, S.A. Laukhin, O.V. Grinenko and V.A. Kamaletdinov	1
The Pliocene-Pleistocene boundary in the Osaka Group, Japan	23
M. Itihara, T. Kamei and S. Yoshikawa	
The Pliocene-Pleistocene boundary in terrestrial deposits of southwestern, USA	35
E.H. Lindsay	
Chronostratigraphic scale of the upper Pliocene and Quaternary (Anthropogene)	
K.V. Nikiforova, N.V. Kind and I.I. Krasnov	49
Pillars of the Quaternary stratigraphy in the Pannonian basin	
A. Ronai	77
Stratigraphy of Quaternary oceanic deposits	
M.S. Barash, O.B. Dmitrenko, G. Kh. Kazarina, S.B. Kruglikova and V.V. Mukhina	87
Biochronology of the Italian marine Pliocene and Lower Pleistocene	
M.L. Colalongo, G. Pasini, I. Raffi, D. Rio, S. Sartoni and R. Sprovieri	109

Complex paleogeographical atlases-monographs for the Anthropogene, and their prognostic value	
I.P. Gerasimov and A.A. Velitchko	129
Anthropogene of the USSR Central Asia. Stratigraphy, correlation, paleolith	
A.E. Dodonov and V.A. Ranov	155
Desert and loess environment in China since the Quaternary	
Liu Tungsheng, Dong Guangrong and An Zhisheng	185
Planation surfaces and their significance for the morphostructural analysis of young platforms: case study Bohemian massif	
J. Demek	199
Some peculiarities of tectonic movements and sedimentation in the Late Cenozoic	
N.I. Nikolaev	215
Structural-geodynamic layering of the lithosphere of the neotectonic mobile belts	
V.G. Trifonov, V.I. Makarov and G.A. Vostrikov	231