

New Concepts in Global Tectonics

NEWSLETTER

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CONTENTS

From the Editor Proposal for an international multidisciplinary project: paleogeography of the world oceans.2

Letters to the Editor

April 6, 2009 L'Aquila earthquake, Italy.....3

Articles

A “jackpot” for the forecast of earthquakes: The seismic swarm in the north-western Apennines, December 2008, *Valentino STRASER*.....4

Explicit relations existed with the local changes in the thermal, static, electric and magnetic fields including abnormal light phenomena in the atmosphere and thermal inversions. The combination of the electric and magnetic quantities, a “Jackpot”, was an instrument for the forecast of earthquakes in this seismic area.

The minute investigation of seismicity beneath the Japanese Islands and surrounding regions, *Yasumoto SUSUKI and Research Group of Deep Structure of Island Arcs*.....14

The iso-depth contours at the base of seismicity space run linearly along the arcs and are displaced perpendicularly or obliquely to the general trend. The step-like displacement indicates a block-like structure. The seismicity bulges seem to be formed beneath such large topographic/structural units as Kuril basin, Japan Sea basin, Yamato basin, etc., suggesting subduction along the inclined seismicity zone is improbable.

The Earth in an electric solar system, *Louis A.G. HISSINK*.....23

The electromagnetic solar connection is best explained by theories of the electric plasma universe in which the Earth is thought to be electro-dynamically connected to the electric plasma of space. Laboratory plasma experiments and particle-in-cell computer simulations using the equations of Maxwell and Lorentz have accurately described galaxy morphology and motions, and from the scalability of plasma phenomena.

Sea level in the southwest Pacific is stable, *Cliff OLLIER*.....35

Graphs of sea level for twelve locations in the southwest Pacific show stable sea level for about ten years over the region. Even those places frequently said to be in grave danger of drowning, such as the Maldives, Tuvalu and Holland, appear to be safe.

Geoid tectonics: Chapter 5. Deformation and failure of the crust, *Peter M. JAMES*.....41

Geoid stresses acting on the estimated shear strengths at the Moho indicate failure of the pristine crust, a) only under tensile conditions, and b) only in the thin, or oceanic, crust. Major subsidence and rifting would have taken place along the boundaries of shields and oceanic crust when such boundaries coincided with some paleoequatorial alignment.

A regional row of planetary relief ranges connected with tectonic granulations of celestial bodies, *Gennady G. KOHEMASOV*.....58

Relief-forming planetary potential or disruptive forces are due not to tidal forces but inertia-gravity forces stimulated in bodies because of their movements in non-circular elliptical keplerian orbits with changing accelerations.

Geopolitical Corner

Ideological suppression at the IGC33 Oslo (2).....62

Publications

Ancient and continental rocks in the Atlantic, *Takao YANO et al.*.....65

Astronomical theory of Ice Age: *V.P. MELNIKOV and J.J. SMULSKY*.....66