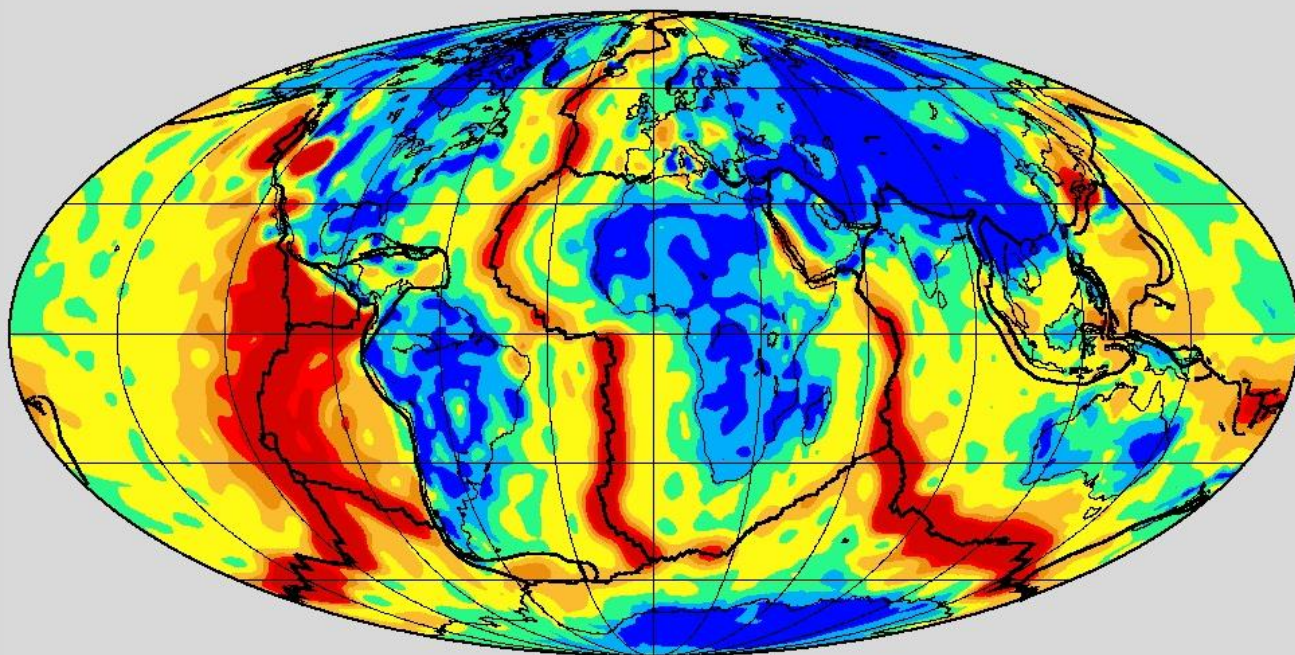


International Journal of

**Terrestrial Heat Flow
and Applied Geothermics**



Volume 1 Number 1 April 2018

ISSN: 2595-4180

<http://ijthfa.com>

**INTERNATIONAL JOURNAL OF TERRESTRIAL HEAT FLOW
AND APPLIED GEOTHERMICS**

VOLUME 1, NUMBER 1, APRIL 2018.

EDITORIAL TEAM

Editorial Manager:

Valiya Hamza (Brazil)

Editors:

Andrea Foerster (Germany);
Anne Hofmeister (USA);
Carlos Alexandrino (Brazil);
Guenter Buntebarth (Germany);
Jacek Majorowicz (Canada);
Lev Eppelbaum (Israel);
Massimo Verdoya (Italy);
Mohan Lal Gupta (India);
Raissa Dorofeeva (Russia);
Shaopeng Huang (China).

Advisory Council:

Alan Beck, Lalu Mansinha, Paul Shen (Canada).

Layout:

Fabio Vieira (Brazil).

Proof Reading:

Antonio Gomes (Brazil).

Copy Editing:

Jorge Gomes (Brazil).

Published: April 2018

CONTENTS

<u>Editorial to the inaugural issue of “International Journal of Terrestrial Heat Flow and Applied Geothermics”.</u>	
<i>Valiya Hamza, Shaopeng Huang, Massimo Verdoya</i>	III
<u>International Heat Flow Commission: History and Accomplishments over the last fifty-five years.</u>	
<i>Vladimir Cermak, Alan Beck and Valiya Hamza</i>	1
<u>Global Heat Flow: New Estimates Using Digital Maps and GIS Techniques.</u>	
<i>Fábio Vieira and Valiya Hamza</i>	6
<u>Temperature Gradient Measurements in Hydrothermal Areas of Georgia.</u>	
<i>Sepehr Sangin, Günter Buntebarth, Andreas Weller and George Melikadze</i>	14
<u>Heat Flow, Geotherms, Density and Lithosphere Thickness in SW of Iberia (South of Portugal).</u>	
<i>Maria Rosa Duque</i>	18
<u>Shallow and Deep Temperatures in the South-Caspian Basin.</u>	
<i>Abdulvahab Mukhtarov</i>	23
<u>Heat flow in Rajasthan Craton, North–Western Indian Shield and its Implications.</u>	
<i>Mohan L. Gupta and S.R. Sharma</i>	30
<u>Geothermal Regime and Deep Temperatures of the Siberian Platform.</u>	
<i>Raisa Dorofeeva</i>	35
<u>Subsurface temperature measurements for detecting tectonic dislocations.</u>	
<i>Diego Barbero, Arianna Bucci, Paolo Chiozzi, Domenico A. Luca, Maria G. Forno, Marco, Manuela L. and Massimo Verdoya</i>	41
<u>Terrestrial Heat Flow in Non-Thermal Ground Water Circulation Settings of Brazil.</u>	
<i>Carlos Alexandrino and Valiya Hamza</i>	46
<u>Deep-seated Geothermal Resources of the Parana Basin.</u>	
<i>Antonio J. L. Gomes and Jorge L. S. Gomes</i>	52