

© 1413 A.H. 1993 A.D. by Hizb al-Kitab Publications
(Islamic Academy for Sciences Research)
P.O. Box 2336, Mafraq, Saudi Arabia
P.O. 331, Birmingham, IL 60433 U.S.A.

All rights reserved. Permission is granted to quote
or reproduce portions of the book material.

The Geological Concept of Mountains in the Holy Qur'an

*In the Name of Allah,
Most Gracious, Most Merciful.*

Zaghlu R. El-Naggar, Ph.D.
Professor of Geology
King Fahd University of Petroleum and Minerals
Dhahran, Saudi Arabia

ISBN 0-8952336-5-5

Printed by Muslim World League Press, Madinah Al-Munawwarah, Saudi Arabia, 1413 AH
1993 A.D.

© 1412 A.H. 1992 A.D. by Hay'at al-I'jaz al-'Ilmi
(Islamic Academy for Scientific Research)
P.O. Box 5736, Makkah, Saudi Arabia
P.O. 2371, Bridgeview, IL 60455 U.S.A.

All rights reserved. Permission is granted free of charge
to educational institutions to use these materials.

Library of Congress Cataloging Data

El-Naggar, Zaghlul R.
The Geological Concept of Mountains in the Holy Qur'an

ISBN 0-9627236-2-2

Printed by Muslim World League Press, Makkah Al-Mukarramah, Saudi Arabia, 1412 AH,
1992 AD.

Contents

Abstract	1
I. Introduction	2
II. References to mountains in the Holy Qur'an	4
A. Occurrences of the word 'mountain' in the Qur'an	4
B. Qur'anic statements with basic geologic concepts of mountains	5
III. Geoflexure in the gravitational structure of mountains as an indication to the presence of mountain roots	9
IV. Evidence in support of the fact that the surface of the earth is in a state of isostatic equilibrium	13
V. Mountains in the framework of modern earth sciences	16
A. Kinds of mountains	17
B. Volcanoes and mountains in Mt. Kilimanjaro of East Africa	17
C. Volcanoes and mountains in Mt. Fujiyama of Japan	19
In the name of Allah, Most Gracious, Most Merciful.	
VI. Mountain types	24
1. Igneous Mountain (or Volcanic Mountains)	24
2. Uplifted (or Erosional) Mountains	26
B. Origin of Mountains	27
1. The Volcanic Island Arc System	37
2. The Cordilleran Mountain Range	39
3. The Colossal Mountain System	39
C. How mountains can act as a source of fixation for the earth's lithosphere	41
D. Seismology and mountains	44
VII. Summary and conclusions	48
References	

Contents

Abstract	1
I. Introduction	2
II. References to mountains in the Holy Qur'an.	4
A. Occurrences of the word mountain in the Qur'an.	4
B. Qur'anic statements with basic geologic concepts of mountains.	5
III. Deficiency in the gravitational attraction of mountains as an indication to the presence of mountain roots.	9
IV. Evidence in support of the fact that the surface of the earth is in a state of isostatic equilibrium.	13
V. Mountains in the framework of modern earth sciences.	16
A. Kinds of mountains.	17
1. Volcanic Mountains (such as Mt. Kilimanjaro of East Africa, Paricutin of Mexico, Mauna Loa of Hawaii, Vesuvius of Italy, Fujiyama of Japan, etc.).	17
2. Folded Mountains (or Fold Belts).	19
3. Fault-Block Mountains (Block-Faulted Mountains).	24
4. Upwarped (or Erosional) Mountains.	26
B. Origin of Mountains.	27
1. The Volcanic Island Arc Stage.	37
2. The Cordilleran Mountain Stage.	39
3. The Collisional Mountain Stage.	39
C. How mountains can act as a means of fixation for the earth's lithosphere.	41
VI. Summary and conclusions.	44
References	48

**WORLD SUPREME COUNCIL FOR MOSQUES
AFFAIRS COMMISSION ON SCIENTIFIC SIGNS OF
QUR'AN AND SUNNAH**

PUBLICATION

1. It is the Truth: (Available on video tapes in) :
 - (a) Arabic
 - (b) English
 - (c) French
 - (d) Urdu
 2. It is the Truth : (Available in book form in Arabic only.)
 3. The Developing Human – A clinically oriented Embryology with Islamic Additions.
 4. Mouths and Barriers between oceans in the Holy Qur'an.
 5. Establishment of the Discipline of Scientific Signs of Qur'an and Sunnah.
 6. Projected Medical Researches.
 7. Objectives and means.
 8. Scientific Signs in the Lobe.
 9. Researches in Infection and Preventive Medicine in Islam.
 10. Aspects of Scientific Signs in the Qur'an and Sunnah with regard to:
 - The World of Bees and the inimitability of the Qur'an.
 - Nigella Sativa.
 11. Glad Tidings about the Apostle (peace be on him) in the Divine Scriptures of non-Muslim.
 12. Embryology in the light of Qur'an and Sunnah.
 13. The Geological Concept of Mountains in the Qur'an.
 14. Projected Medical Researches.
- Books number 12,13,14 are in English.

Books To Be Available Soon:

1. The inimitability of Qur'an's Description of:
 - Winds
 - Clouds
 - Rain
2. A Research on Fasting.
3. Inimitability of the Qur'an and Sunnah in Preventive Medicine.