

## CONTENTS

Acknowledgements ..... 03

Preface ..... 07

# Astronomical Sciences In The Qur'an

**S. WAQAR AHMED HUSAINI**

© S. Waqar Ahmed Husaini, 1415/1995

ISBN 81-9002201-6

All rights reserved. No part of this publication may be reproduced, or translated in any form or by any means, photocopying, recording or otherwise, without the prior permission of the copyright owner.

First published in India 1415/1995  
by *Karakush Publishers & Media Pvt. Ltd. India*

**Karakush Publishers & Media Pvt. Ltd.**  
2035, Mumtaz Building, Qasimjan Street, Ballimaran, Delhi - 110006

## CONTENTS

Acknowledgements .....	05
Preface .....	09
An Introduction to Islamic and Comparative Astronomy, and Related Sciences and Pseudo-Sciences .....	33
Creation of the Universe : God, the Creator .....	43
The Universe : Astrologers Vs Astronomy .....	54
The Universe: Structure and Stages of Development .....	61
The Expanding Universe .....	74
The Universe, or the Solar System : Birth And Evolution .....	79
The Sun's Motion .....	83
The Moon : Its Movement and Light .....	91
Evolution of the Stars, the Sun and End of the Earth .....	97
Atmosphere and Space : Heavens One Above the Other .....	103
The Atmosphere : Earth's Protective Roof .....	109



*Astronomical Sciences in the Qur'an* demonstrates a methodology for "Islamization" as development of astronomical sciences through the Islamic world-view, the introduction of Islamic ethics and values in science and technology, and their Islamic evaluation. The methodology used is, first, to present Quranic verses on a Subject-area; the linguistic meanings of key words and the interpretative meanings of the verses are given by raising questions to promote rational study of the phenomena through God's "guidance" in the verses; their modern "scientific" understanding is presented based on an encyclopedia; and the changes in human understanding of the phenomena from the pre-Qur'anic to modern times is sometimes alluded to. The purpose is to bring out the Islamic duty to acquire the *fiqh* (understanding) and *ilm* (knowledge) of the discipline or subject in spite of the fallability of reason or "science". The focus is not on "reading into the Quran" modern "facts" and "theories", nor "proving" that modern science was foreseen in the Quran, though such conclusions are unavoidable and necessary; the thrust of the presentation is on a process and method for development and use of the sciences, technology, and the disciplines in the spirit of *tawhid*: integration of Quranic world-view and ethics with rational knowledge; the later too is Islamic rationalism and the Islamic scientific method rather than the secular, agnostic, and atheistic. The Preface makes the case that Islamization is indispensable to make science and technology an Islamic duty and necessity, and to legitimize and justify them as "Islamic studies". Muslim neglect and avoidance of science and technology, and their backwardness in general in recent centuries, are due to lack of such Islamization, and the reduction and restriction (*takhsis*) of Islam and Islamic studies to the "five pillars" and a few humanistic sciences and their selected parts.

**S. Waqar Ahmed Husaini** (Ph.D., Program in Engineering-Economic Systems Planning, Civil Engineering, Stanford University, California), is Professor of Islamic Policy Studies, American Islamic College, Chicago; Research Fellow, Commission on Scientific Signs in the Quran and Sunnah, Muslim World League, Makkah; and since 1986, Visiting Scholar, Stanford University. He has taught civil engineering, engineering economics, history and philosophy of Islamic science, etc. in India, Malaysia, Saudi Arabia, and U.S.A. He has been a consultant for U.S. Government Agencies, U.N. organisations (WMO, UNEP, UNESCO, UNCSTD), and Inter-Governmental Organizations (Islamic Foundation for Science Technology and Development) of the Organization of the Islamic Conference, and Arab League Educational, Scientific and Cultural Organization. His books and monographs include: *Islamic Environmental Systems Engineering: A Systems Study of Environmental Engineering, and the Law, Politics, Education, Economics, and Public Policies*; *Teaching Islamic Sciences and Engineering*; *Muslim Militarism and Islamic Jihad*; and *An Islamic Assessment of Belligerence and Development in the Sub-Himalayan Countries*.