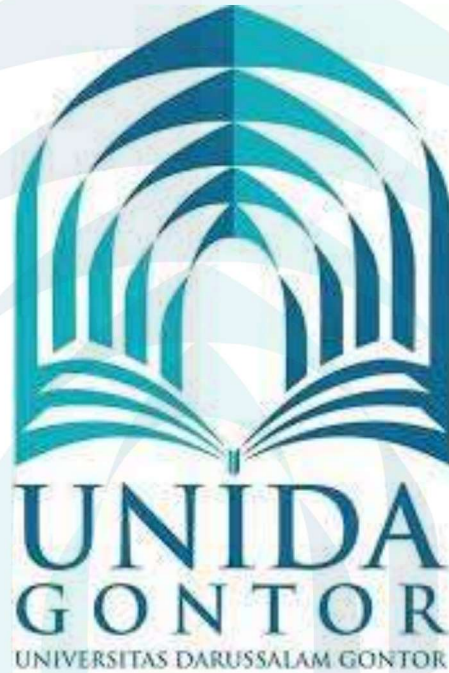


**Earth's Water Reservoirs in the Qur'an: a Linguistic and Scientific
Exploration of Environmental Preservation**



By:

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DEPARTMENT OF AL-QUR'AN AND TAFSIR STUDIES

FACULTY OF USHULUDDIN

UNIVERSITY OF DARUSSALAM GONTOR

1446/2024

**Earth's Water Reservoirs in the Qur'an: a Linguistic and Scientific
Exploration of Environmental Preservation**

THESIS

Presented to

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In Partial Fulfillment of Requirement
For Bachelor Degree**

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ABSTRAK

Reservoir Air Bumi dalam Al-Qur'an: Eksplorasi Linguistik dan Ilmiah tentang Pelestarian Lingkungan

Muhammad Dini Syauqi Al Madani

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Peresapan dan reservoir air di dalam tanah merupakan sebuah fenomena alam, salah satu tempat penyimpanan air di dalam tanah. Fenomena mengenai proses terjadinya penyimpanan air di dalam bumi ini telah diperjelas di dalam al-Qur'an surat al-Hijr ayat 22 dan surat al-Mu'minin ayat 18. Maka diperlukan penelitian lebih dalam mengenai bagaimana proses terjadinya penyimpanan air di dalam tanah yang ditinjau dari al-Qur'an.

Tujuan penelitian ini untuk mengungkap proses penyimpan air di dalam bumi perspektif al-Qur'an melalui korelasi antara *al i'jaz al bayaniy* dan *al i'jaz al 'ilmy*, dan pengaruhnya terhadap pelestarian lingkungan. Hingga kemudian terbukti bahwa ada indikasi yang jelas pada teks yang menunjukkan pada kebenaran hidrologi tentang proses terjadinya penyimpanan air di dalam tanah.

Pada penelitian ini, peneliti menggunakan metode deskriptif guna mencoba menggambarkan penelitian ini, kemudian dilanjutkan dengan melakukan analisis untuk menganalisa reservoir air bumi serta apa korelasi antara *al i'jaz al bayaniy* dan *al i'jaz al 'ilmy*. Adapun jenis penelitian yaitu penelitian kajian pustaka dengan menggunakan pendekatan linguistik dan ilmiah.

Peneliti menemukan hasil bahwa reservoir air di dalam tanah atau bumi terjadi ketika air hujan yang jatuh dari langit ke atas permukaan yang kemudian masuk ke dalam tanah melalui proses infiltrasi dan perkolasi yang dipengaruhi oleh jenis tanah, iklim, serta intensitas hujan. Kemudian air tersebut mengalir secara vertikal dan horizontal menuju pori-pori atau rongga-rongga yang terdapat di dalam tanah dan batuan dan tersimpan di dalamnya, dan dari sinilah kemudian penyimpanan air dalam bumi akan terjadi. Air yang tersimpan di dalam tanah tersebut yang kemudian diserap oleh tumbuhan untuk kebutuhan fotosintesis dan bermanfaat bagi perkembangan tumbuhan dan berdampak terhadap pelestarian lingkungan. Al-Qur'an telah terlebih dahulu memberikan isyarat melalui *al i'jaz al bayaniy* dan *al i'jaz al 'ilmy*.

Penelitian ini masih jauh dari kata sempurna di dalam pengkajian serta penelitian tentang proses penyimpanan air dalam tanah yang ditinjau dari perspektif al-Qur'an, dikarenakan upaya ini tersebut tidaklah mudah, maka oleh sebab itulah peneliti berharap kepada peneliti selanjutnya agar menjadikannya lebih baik lagi agar penelitiannya menjadi lebih sempurna dan lebih ilmiah serta supaya penelitian ini juga menjadi langkah di dalam proses islamisasi ilmu pengetahuan.

Kata Kunci: Mukjizat Sains, Mukjizat Bahasa, Reservoir Air, Pelestarian Lingkungan.

ABSTRACT

Earth's Water Reservoirs in the Qur'an: a Linguistic and Scientific Exploration of Environmental Preservation

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Water infiltration and reservoirs in the soil are a natural phenomenon, one of the places where water is stored in the soil. The phenomenon of water storage on the earth has been clarified in the Qur'an Surah al-Hijr verse 22 and Surah al-Mu'minun verse 18. So deeper research is needed on how the process of water storage in the soil is viewed from the Qur'an.

The purpose of this research is to reveal the process of storing water on the earth from the perspective of the Qur'an through the correlation between *al i'jaz al bayaniy and al i'jaz al 'ilmy*, and its influence on environmental preservation. Until then, it is proven that there are clear indications in the text that indicate the hydrological truth about the process of water storage in the soil.

In this study, researchers used a descriptive method to describe this research, then continued by analyzing the earth's water reservoir and the correlation between *al i'jaz al bayaniy and al i'jaz al 'ilmy*. The type of research is literature review research using a linguistic approach and scientific approach.

Researchers found that water reservoirs in the soil or earth occur when rainwater falls from the sky to the surface, which then enters the soil through infiltration and percolation processes influenced by soil type, climate, and rain intensity. Then, the water flows vertically and horizontally to the pores or cavities in the soil and rocks and is stored in it, and from here, the water will be stored in the earth. Plants, for photosynthesis, need to absorb the water stored in the soil, which is beneficial for plant development and impacts environmental conservation. The Qur'an has first signaled through *al i'jaz al bayaniy and al i'jaz al 'ilmy*.

This research is still far from perfect in the study and research on the process of storing water in the soil from the perspective of the Qur'an because this effort is not easy, that is why researchers hope that future researchers will make it better so that their research becomes more perfect and more scientific and so that this research will also be a step in the process of Islamization of science.

Keywords: Linguistic Miracle, Scientific Miracle, Water Reservoir, Environmental Preservation.

To Honorable,
Dean of Faculty of Ushuluddin
University of Darussalam Gontor-Ponorogo

Bismillāhirrahmānirrahīm

Assalamu'alaikum Warahmatullahi Wabarakatuh.

It is my honor to present the thesis written by:

Name : Muhammad Dini Syauqi Al Madani

Reg. Number : 422021231113

The Title : Earth's Water Reservoirs in the Qur'an: a Linguistic
and Scientific Exploration of Environmental
Preservation

I declare that this thesis has been processed and corrected to Fulfil the requirement for the degree of Licentiate in Al-Qur'an and Tafsir Studies in the Faculty of Ushuluddin, University of Darussalam Gontor. Therefore, I request that the thesis be examined soon.

Wassalāmu'alaikum Warahmatullāhi Wabarakātuh.

Ponorogo, 25th Rabiul Awal 1446 H
28th September 2024 M

Supervisor,



(Assoc. Prof. Dr. Sujiat Zubaidi, M.A.)

To Honorable,

Dean of Faculty of Ushuluddin

University of Darussalam Gontor-Ponorogo

Bismillāhirrahmānirrahīm

Assalamu'alaikum Warahmatullahi Wabarakatuh.

It is an honour to present the thesis written by:

Name : Muhammad Dini Syauqi Al Madani

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The Title : Earth's Water Reservoirs in the Qur'an: a Linguistic
and Scientific Exploration of Environmental
Preservation

I partial Fulfilment of the requirement for the degree of Licentiate in
Al-Qur'an and Tafsir Studies in the Faculty of Ushuluddin, academic year
1446-1447 M/ 2024-2025 H.

Wassalamu'alaikum Warahmatullahi Wabarakatuh.

Ponorogo, 18th Jumadal Ula 1446 H
20th November 2024 M

Dean of Faculty of Ushuluddin,



Syamsul Hadi Untung, M.A., M.L.S. ✱
NIY 680063

DECISION OF THE EXAMINER TEAM

To committee hold the thesis examination in partial fulfillment of the requirements for the degree of licentiate in Al-Qur'an and Tafsir Studies in the Faculty of Ushuluddin, University of Darussalam Gontor on:

Day/date : Sunday, 22th Jumadal Ula, 1446 H/
24th November 2024 M

Place : Hall Sirah Nabawiyah

The thesis Written by:

Name : Muhammad Dini Syauqi Al Madani

Reg. Number : 422021231113

The Title : Earth's Water Reservoirs in the Qur'an: a Linguistic and Scientific Exploration of Environmental Preservation

Decided to grant him pass in the thesis examination. Hence, He is Eligible to be awarded the degree of licentiate Al-Qur'an and Tafsir Studies in the Faculty of Ushuluddin, University of Darussalam Gontor.

Chief of Examination Board,

Secretary,



Assoc. Prof. Dr. Sujiat Zubaidi, M.A.


Dr. Ali Mahfuz Munawar, Lc., M.Hum.

1st Examiner : Rochmad, M.A., Ph.D.


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2nd Examiner : Dr. Ali Mahfuz Munawar, Lc., M.Hum.


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DECLARATION

I here by,

Name : Muhammad Dini Syauqi Al Madani
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Faculty/Department : Ushuluddin/Al-Qur'an and Tafsir Studies
The Title : Earth's Water Reservoirs in the Qur'an: a Linguistic and Scientific Exploration of Environmental Preservation

I genuinely affirm that this degree thesis is entirely my work and is not associated with any other researchers pursuing different degrees. This thesis has not been published before, except for certain sections that include their original citations.

Ponorogo, 22th Jumadal Ula 1446 H
24th November 2024 M

Researcher,



(Muhammad Dini Syauqi Al Madani)

MOTTOES

من هدي القرآن الكريم

قال الله تعالى في القرآن الكريم

أعوذ بالله من الشيطان الرجيم

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

﴿وَأَرْسَلْنَا الرِّيحَ لَوَاقِحَ فَأَنْزَلْنَا مِنَ السَّمَاءِ مَاءً فَأَسْقَيْنَاكُمُوهُ وَمَا أَنْتُمْ لَهُ بِخَازِنِينَ﴾

سورة الحجر: ٢٢

﴿وَأَنْزَلْنَا مِنَ السَّمَاءِ مَاءً بِقَدَرٍ فَأَسْكَنَتْهُ فِي الْأَرْضِ وَإِنَّا عَلَى ذَهَابٍ بِهِ لَقَادِرُونَ﴾

سورة المؤمنون: ١٨

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DEDICATION

Dedicate this thesis to:

My beloved parents have always been my source of strength and love. Your prayers and sacrifices are the light that guides my every step. As Allah says, "And lower to them the wing of humility out of mercy" (QS. Al-Isra': 24). May Allah reward you with His Paradise. My siblings have always supported and encouraged me at every turn. Thank you for all the support you've given throughout this journey. To my lecturers, thank you for your shared knowledge, guidance, and patience. Every lesson from you is a valuable asset that has guided me to this point. And to my dear friends, who have stood by me through joy and hardship. Thank you for the laughter, support, and motivation you've shared.

May Allah grant all of you goodness and blessings. This achievement is the result of your love, support, and prayers.

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The research knows that this arrangement would not be successful without the various parties' contribution, motivation, encouragement, direction, and guidance. Therefore, with all modesty, the researcher expresses thanks and high appreciation to:

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May Allah reciprocate a proportionate reward and bless them and may this humble thesis be valuable and useful for the readers, especially for the researcher.

Ponorogo, 25th Rabiul Awal 1446 H
28th September 2024 M

Sincerely yours,


(Muhammad Dini Syauqi Al Madani)

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