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**PROCEEDING**  
**4<sup>TH</sup> INTERNATIONAL ISLAMIC HERITAGE CONFERENCE**  
**2021 (ISHEC '21)**

**“ISLAMIC HERITAGE: STRENGTHENING THE KNOWLEDGE,  
EMPOWERING THE ACHIEVEMENT”**

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## PERANAN KOMPLEKS FALAK AL-KHAWARIZMI, MELAKA DALAM PELANCONGAN ASTRONOMI DI MALAYSIA

<sup>1</sup>Mohd Razlan Ahmad, <sup>1,3,4</sup>Nur Nafhatun Shariff, <sup>5</sup>Nor Nazmi Razali, <sup>2</sup>Mohd Takiyuddin Ibrahim, <sup>1</sup>Mohd Paidi Norman

<sup>1,2</sup>Akademi Pengajian Islam Kontemporari (ACIS), Universiti Teknologi MARA (UiTM),  
40450 Shah Alam, Selangor, Malaysia

<sup>2</sup>Akademi Pengajian Islam Kontemporari (ACIS), Universiti Teknologi MARA (UiTM),  
Cawangan Selangor, Kampus Dengkil, 43800 Dengkil, Selangor, Malaysia

<sup>3</sup>Institut Sains (IOS), Universiti Teknologi MARA (UiTM),  
40450 Shah Alam, Selangor, Malaysia

<sup>4</sup>Islamic Astronomy & Solar Astrophysics (IASA), Universiti Teknologi MARA (UiTM),  
40450 Shah Alam, Selangor, Malaysia

<sup>5</sup>Bahagian Falak Syarie, Jabatan Mufti Negeri Melaka

### ABSTRAK

Balai cerap merupakan salah satu elemen penting dalam bidang astronomi. Balai cerap dilihat telah memainkan peranan yang cukup penting dalam meningkatkan pengetahuan, dan kesedaran mengenai kepentingan mempelajari ilmu astronomi/sains angkasa melalui aktiviti penyelidikan dan pendidikan. Di samping itu, balai cerap juga dilihat berpotensi untuk menjadi salah satu destinasi tarikan pelancong atas faktor lokasi dan daya tarikan yang ada di balai cerap. Justeru, balai cerap berpotensi untuk dibangunkan sebagai salah satu pusat aktiviti pelancongan astronomi di Malaysia. Kajian ini melihat potensi Kompleks Falak Al-Khawarizmi, Melaka sebagai salah sebuah pusat pelancongan astronomi di Malaysia melalui peranan dan aktiviti yang dijalankan. Kajian ini menggunakan metodologi analisa dokumen untuk meneliti sejauhmana peranan yang telah dijalankan oleh balai cerap tersebut bagi tujuan pelancongan astronomi. Dalam kajian ini Kompleks Falak Al-Khawarizmi, Melaka telah dipilih sebagai lokasi kajian. Hasil daripada kajian ini mendapati bahawa balai cerap ini menepati elemen pelancongan astronomi yang dikaji berdasarkan peranan yang telah dijalankan iaitu aktiviti-aktiviti berasaskan astronomi.

**Kata kunci:** Pelancongan astronomi, astrotourism, balai cerap, observatori, falak