

Dear IAWN Steering Committee,

I am writing to express my interest in joining the International Asteroid Warning Network (IAWN). My name is Mohammad Odeh, representing Al-Khatim Observatory (AKO).

AKO, situated within the Abu Dhabi desert in the United Arab Emirates (UAE), was constructed and is managed by the International Astronomical Center (IAC). Established in January 2021, our observatory operates as a fully remote and robotic facility. We are registered with the Minor Planet Center (MPC) of the International Astronomical Union (IAU) and have been assigned the code M44.

Our primary telescope is a 0.36m Schmidt-Cassegrain telescope, with a focal length of 2737mm and a focal ratio of 7.7. Benefitting from approximately 277 clear nights annually. With unfiltered 30-second exposure times, we achieve a limiting magnitude of approximately 18.5, which increases to around 19.5 with 3-minute exposures. By stacking multiple 3-minute exposure images, we can further enhance our limiting magnitude to approximately 20.5.

One of our primary objectives at AKO is the observation and monitoring of Near-Earth Objects (NEOs). We are registered on the NEOfixer website to monitor critical and recently discovered NEOs. To date, we have participated in confirming over 30 asteroids, as documented at the following link: <https://mpec.jostjahn.de/M44-stat.html>

I confirm that I have thoroughly reviewed the IAWN Charter and Statement of Intent and understand the responsibilities associated with membership.

Best Regards,
Mohammad Odeh

A handwritten signature in black ink, appearing to read 'MO' with a stylized flourish extending to the right.