EPSC Abstracts
Vol. 13, EPSC-DPS2019-143-1, 2019
EPSC-DPS Joint Meeting 2019
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## Physical characterization of NEOs from 5 years of NEOWISE restart data

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## **Abstract**

The Near-Earth Object Wide-field Infrared Survey Explorer (NEOWISE) was reactivated from hibernation to continue its thermal infrared all-sky survey for near-Earth asteroids and comets. NEOWISE detections are used for astrometry, including discovery of large, dark NEOs missed by other surveys, as well as radiometry allowing for the determination of the NEO's size and albedo. The reactivated survey began 13 Dec 2013, and is currently planned to continue through the summer of 2020. We present results from our detection and physical characterization of ~1000 near-Earth objects with NEOWISE using the first five years of survey data, and discuss other areas of investigation enabled by this unique set of multi-epoch infrared imaging.

## Acknowledgements

This publication makes use of data products from the Wide-field Infrared Survey Explorer, which is a joint project of the University of California, Los Angeles and the Jet Propulsion Laboratory/California Institute of Technology, funded by the National Aeronautics and Space Administration. This publication also makes use of data products from NEOWISE, which is a project of the Jet Propulsion Laboratory/California Institute of Technology, funded by the Planetary Science Division of the National Aeronautics and Space Administration.