

Ingrid J. Daubar

Brown University

Earth, Environmental, and Planetary Sciences
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Dr. Ingrid Daubar is a planetary scientist with extensive experience in scientific research and space mission operations. Her research interests include impact cratering and other modern-day geologic processes including mass wasting and aeolian processes, atmosphere-surface interactions and the dust cycle of Mars, the geology and exploration of Europa, and impact-seismic studies. Dr. Daubar's research on small, recent impact craters on Mars and the Moon has improved our understanding of the impact flux in the inner solar system, the chronology of recent events and timescales of geologic processes on these bodies, as well as the processes involved in modern-day cratering and modification over time of planetary surfaces. Dr. Daubar has contributed to science and operations on NASA planetary missions and instruments including MRO/HiRISE, InSight, Europa Clipper, and Juno.

Education

2014: Doctor of Philosophy, Planetary Sciences, University of Arizona

Dissertation: New Dated Craters on Mars and the Moon: Studies of the Freshest Craters in the Solar System

2002: Master of Science, Planetary Sciences, University of Arizona

Thesis: Northwest Africa 482: A Lunar Meteorite from the Highlands

1999: Bachelor of Arts, Astronomy, Cornell University

Professional Appointments

Brown University; Earth, Environmental, and Planetary Sciences

2023-present: Associate Professor (Research)

2020-2023: Assistant Professor (Research)

2019-2020: Senior Research Associate

- Current cratering on Mars: seismic detectability of impacts, atmospheric interactions with surface, Machine Learning applications
- Dust devil tracks: lifetimes and dust deposition rates, global statistics of occurrences
- Short-term (seasonal and shower-related) variability of impact rate on Mars and the Moon

Jet Propulsion Laboratory, California Institute of Technology

2020-current: Europa Clipper Project Staff Scientist

- Planning, development, maintenance, review, and execution of spacecraft, payload, Mission Operation System, and other Project processes, policies, and procedures

- Geology Thematic Working Group Facilitator
- Validation and verification efforts related to Level 1 and Guiding Level 2 science requirements
- Organizing and participating in Europa Clipper Science Team meetings

Institut de Physique du Globe de Paris

2017: Visiting Scientist

- Impact-seismic studies

Jet Propulsion Laboratory, California Institute of Technology

2015-2019: Research Scientist

- Current cratering on Mars: geospatial characteristics of new impacts, crater clusters, seismic detectability of impacts
- Albedo effects around landed missions
- Secondary cratering statistics and chronology issues
- Dust devil tracks: lifetimes and dust deposition rates
- Dust mobility and albedo

Jet Propulsion Laboratory, California Institute of Technology

2014-2015: NASA Postdoctoral Fellow

Dr. Matthew Golombek, Senior Research Scientist

- Current cratering on Mars: seasonal variability of impact rates, seismic detectability of impacts, small crater morphology
- InSight landing site assessment and operations
- Albedo effects around new impacts

University of Arizona; Department of Planetary Sciences

2009-2014: Research Assistant

Dr. Alfred McEwen, Professor of Planetary Geology

- Morphology and statistics of small recent craters on Mars and the Moon
- Implications for current cratering rates, planetary chronologies, target material properties, and modification rates

University of Arizona; Department of Planetary Sciences

1999-2002: Research Assistant

Dr. David Kring, Associate Professor of Planetary Geology and Cosmochemistry

- Thermal modeling of impact-induced hydrothermal systems.
- Petrology and mineralogy of shocked meteorites and samples from terrestrial craters.
- Classification of new meteorites, including mesosiderites, chondrites, and a lunar meteorite.

Cornell University, Department of Astronomy

1998-1999: Research Assistant

Dr. Joseph Veverka, Professor of Astronomy

- Catalogued instances of dark streaks in MOC images of the Martian surface.

Arecibo Observatory, National Astronomy and Ionosphere Center

Summer 1998: Undergraduate Summer Internship

Dr. Michael Nolan, Planetary Radar

- Participated in the first radar observations performed with upgraded system.
- Observations of many types of objects, including NEAs, comets, and Mercury.
- Analyzed observations to determine physical properties of targets.
- Studied broadband radio continuum spectra and variability of OH/IR stars.

Cornell University, Department of Astronomy

1997-1998: Research Assistant

Dr. Joseph Burns, Professor of Astronomy and Irving Porter Church Professor of Engineering

- Analyzed images of the Jovian ring system taken by the Galileo spacecraft.

NASA Mission Involvement

2014-current: InSight mission

Participating Scientist

Co-Lead, Impacts Science Theme Working Group

Deputy Lead, Instrument Site Selection Working Group

- Landing site certification and safety assessment
- Impact detection and localization
- Science planning
- InSightSeer program creator and lead

2016-current: Europa Clipper mission

Project Staff Scientist (2020-current)

Investigation Scientist for the Europa Imaging System (EIS) (2016-2020)

- Developed science, measurement, and engineering requirements at levels 1-3
- Aided in mission planning and operations concept development
- Verification and validation of science requirements
- Geology Thematic Working Group Facilitator

2017-current: HiRISE camera on Mars Reconnaissance Orbiter (MRO)

Co-Investigator

Impact Cratering Science Theme Lead

- Science lead for planning cycles (“Co-I of the Pay Period”)
- Prioritizing and vetting suggestions from scientific colleagues and the public
- Interface with InSight mission to coordinate science

2016-2018, 2021-current: Juno mission Radiation Monitoring (RM) Investigation

Science Planner (2016-2018)

PDS Archivist lead (2021-current)

- Planned observations
- Performed data analysis and assisted with paper preparation

- Prepared archival data and documentation for public release through the Planetary Data System

2013: NASA Planetary Summer School

Principal Investigator role

- Designed a mission concept working with Team X, a concurrent engineering team at the NASA Jet Propulsion Laboratory
- Mission for Uranus Science and Exploration (MUSE) presented at OPAG and LPSC

2005-2013: HiRISE camera on Mars Reconnaissance Orbiter (MRO)

Uplink Operations Lead

- Targeted, planned, and commanded 7,000+ high-resolution observations of Mars.
- Supervised uplink group consisting of seven Targeting Specialists.
- Contributed to camera calibration, software development, and operational procedures development.
- Assisted with special sequence commanding and instrument engineering activities.
- Participated in outreach efforts such as public talks on a volunteer basis.

Selected Honors and Awards

- JPL Team Award, Europa Clipper PSG-12 Organizing Team, 2023
- NASA Group Achievement Award, COSMIC Technology Development Team, 2022
- JPL Voyager Award, 2021
- NASA Honor Group Achievement Award, InSight Instrument Site Selection Working Group, 2020
- JPL Voyager Award, 2019
- Emmy Award, Outstanding Original Interactive Program, NASA's InSight Mars Landing, contributor, 2019
- JPL Group Achievement Award, Juno Mission Re-Design, 2018
- JPL Voyager Award, 2017
- JPL Team Award, Juno Radiation Monitoring Investigation Team, 2017
- JPL Team Award, Europa Clipper Investigation Scientists, 2017
- Editors' Citation for Excellence in Refereeing, Journal of Geophysical Research-Planets, 2016
- NASA Postdoctoral Program Fellowship, 2014-2015
- Wiley-Blackwell Award, 2014
- Nininger Meteorite Award, 2014
- Emily Krauz Staff Endowment Fund Scholarship, 2014
- Shandel Education Plus Fund award, 2012
- University of Arizona College of Science Galileo Circle Scholar, 2011
- Group Achievement Award, MRO HiRISE Science Team, 2011
- University of Arizona College of Science Graduate Student Award for Outstanding Service/Outreach, 2011

- Lunar & Planetary Laboratory Career Staff Excellence Award, 2008
- Graduate Teaching Excellence Award, Spring 2000

Invited Talks

- 2023 JPL public von Kármán Live Talk: “InSight End of Mission: Our Time on Mars” (~23,000 viewers on social media and streaming)
- 2023 *Brown University* lunch seminar: “InSight: The End of a Mission ...But Just the Beginning of Impact Seismology on Mars”
- 2023 Rhode Island Space Grant symposium keynote speaker: “Hindsight on InSight: Looking Back on Four Years Looking Inside Mars”
- 2022 *Northern Arizona University Department of Astronomy and Planetary Science*: “Impacts on Mars: Seismic and Orbital Observations”
- 2020 *University of Western Ontario*: “New Craters on Mars”
- 2020 *Brown University*: “Active Mars: Impact Cratering, Aeolian, and Tectonic Activity”
- 2019 *Cornell University*: Career Conversation with Arts & Sciences undergraduates
- 2019 *Geological Society of America annual meeting*: “Studying impact processes with the InSight mission”
- 2017 *Institut de Physique du Globe de Paris*: “Current Cratering on Mars from Imaging and Seismic Studies”
- 2015 *Workshop on Issues in Crater Studies and the Dating of Planetary Surfaces*: “Current State of Knowledge of Modern Martian Cratering.”
- 2015 *California Institute of Technology*: “New Martian Craters: Current Impact Rate, Morphology, and Lifetimes”
- 2014 *Geological Society of America*: “New Dated Impacts on Mars and an Updated Current Cratering Rate”
- 2013 *Goddard Space Flight Center*: “New Martian Craters: Current Impact Rate, Dating Recent Climate Change, Change Detection, and Morphology”
- 2013 *Johns Hopkins University Applied Physics Laboratory*: “New Martian Craters: Current Impact Rate, Dating Recent Climate Change, Change Detection, and Morphology”
- 2012 *7th European Strategic Meteor Workshop, Moscow State University of Geodesy and Cartography (MIIGAiK), Russia*: “Current Impact Flux at Mars”

Teaching and Mentoring

Postdoctoral advisor: Aleksandra Sokołowska (2023-present), Andrea Rajšić (2024-present)
Graduate student advisory committees: Fiona Nichols-Fleming (2019-present), Matthew Jones (2021-2023), Alyssa Pascuzzo (2021), Meg Wilson (2021-2023), Melissa Meyer (2021-2022), Janie Levin (2022-present), Riley Havel (2022-present), Marouchka Froment (external at IPGP, France; 2023)

Undergraduate researchers: Annabelle Gao (2020-2023), Daniel Wexler (2020-2022), Daniel Zhou (2021), Joseph Pate (2021-2022), Tyreese Bernard (2022), Ariyana Bonab (2023-present), Ian Haut (2023-present)

Undergraduate senior theses: Eashan Das (2021; reader), Annabelle Gao (2023; advisor)

Mentor to JPL Interns, 2014-2018: Colin Bloom, Elizabeth Bondi, Ronald Domholdt, Claire Schwartz, Michelle Wray, April Davis, Marshall Trautman, Sydney Melady, Carol Hundal, Rachel Hausmann

Space Grant Mentor, 2009-2010: Stephanie Craig

Undergraduate student employees, 2009-2013: Amber Keske, George Amaya, Eric Sahr

Teaching Assistant:

2002, Planetary Sciences 206: Golden Age of Planetary Exploration, Prof. Michael Drake

2000, Planetary Sciences 206: Golden Age of Planetary Exploration, Prof. Uwe Fink

1999, Natural Science 101: Evolution of a Habitable World, Prof. Jonathan Lunine

Field Experience

2011 August, *Meteor Crater, Arizona* - Ground-penetrating radar studies of subsurface ejecta blocks. P.I.: P. Russell, Smithsonian-CEPS.

1999-2013, *Various locations*. Planetary Geology Field Studies - departmental field practicum course, taken nine times in locations throughout the southwestern US.

Professional Training

Microaggression Training, 2023

Bystander Intervention Training 201, 2023

Advanced Media Training, Brown University Office of University Communications, 2022

Unlearning Racism in Geoscience (URGE) Brown DEEPS pod, 2021

Technical Women's Leadership Journey, JPL, 2019

Bystander Intervention Training, 2018

Science Mission Interface (SMI) Workshop 3 on Proposal Development and Science Communication, JPL, 2018

Small Science and Technology Research Proposal Writing, JPL, 2017

Cost Effective Space Mission Operations, JPL, 2015

Science Mission Interface (SMI) Workshop 2 on Scientist Roles in Missions, JPL, 2015

Successful Supervisor Series, University of Arizona, 2009

University Leadership Institute, University of Arizona, 2008
360° Management Development Assessment, University of Arizona, 2008

Professional Memberships

American Geophysical Union
American Astronomical Society, Division of Planetary Sciences
The Planetary Society
Association of Women in Science
Meteoritical Society
Geological Society of America, Planetary Geology Division

Community Service

Subcommittee on Professional Culture and Climate (PCCS), Division for Planetary Sciences,
American Astronomical Society, 2019-present
Public Outreach (ongoing): Numerous talks, tours, and events presenting HiRISE, InSight, and
Mars science to the local community; various JPL public tours and outreach events
Peer reviewer for journal articles (ongoing), including Icarus, Journal of Geophysical Research,
Space Science Reviews, Planetary and Space Science. Icarus Outstanding Reviewer
Status.
Served on proposal review panels for various ROSES calls, on panels and as external reviewer
(ongoing)
Scientific Organizing Committee: 9th International Conference on Mars, DPS 2024
Brown University DEEPS Planetary faculty search committee, 2023-2024
Brown University Research Faculty Working Group, 2023
Brown University DEEPS Planetary lunch seminar series organizer, 2023
Brown University DEEPS Planetary Workplace Climate Council (PWCC), 2019-2022
InSightSeer program creator and lead, 2021-2022
Local Organizing Committee for the annual meeting of the Division for Planetary Sciences,
American Astronomical Society, 2021
Organizer of the Women in Planetary Science (WPS) group at JPL, 2015-2019
Elected Board Member of the JPL New Researchers' Support Group (NRSG), 2016-2017
JPL Floor Safety Warden, 2017-2019
Organizer of the Mars Forum biweekly JPL seminar series
Communications Chair for the Caltech Postdoctoral Association
Lunar and Planetary Laboratory Alumni Association Liaison
Co-organizer of Women at LPL organization
Judge for Dwornik Student Award, Planetary Geology Division of the Geological Society of
America
Judge for UA Graduate and Professional Student Council Travel Grant Awards
Contributor, Encyclopedia of Planetary Landforms (Henrik Hargitai and Akos Kereszturi, eds.)

Selected Refereed Journal Articles

h-index: 34 i10-index: 66

As calculated by [Google Scholar](#), April 2024

Daubar, I. J. et al. Seismically Detected Cratering on Mars: Enhanced Recent Impact Flux? In press, Science Advances, March 2024.

Daubar, I.J., Hayes, A.G., Collins, G.C. et al. Planned Geological Investigations of the Europa Clipper Mission. Space Sci Rev 220, 18 (2024). <https://doi.org/10.1007/s11214-023-01036-z>

McEwen, A.S., S. Byrne, C. Hansen, **I.J. Daubar**, S. Sutton, C.M. Dundas, N. Bardabelias, N. Baugh, J. Bergstrom, R. Beyer, K.M. Block, V.J. Bray, J.C. Bridges, M. Chojnacki, S.J. Conway, W.A. Delamere, T. Ebbin, A. Espinosa, A. Fennema, J. Grant, V.C. Gulick, K.E. Herkenhoff, R. Heyd, R. Leis, L. Ojha, S. Papendick, C. Schaller, N. Thomas, L.L. Tornabene, C. Weitz, S.A. Wilson. (2023) The high-resolution imaging science experiment (HiRISE) in the MRO extended science phases (2009–2023). Icarus, in press. DOI: 10.1016/j.icarus.2023.115795

Daubar, I. J. (2023) Hindsight on InSight: Looking Back on Four Years Looking Inside Mars. Clear Skies Magazine, Ladd Observatory, Brown University.

Fernando, B., **Daubar, I. J.**, Charalambous, C., Grindrod, P. M., Stott, A., Al Ateqi, A., et al. (2023). A tectonic origin for the largest marsquake observed by InSight. Geophysical Research Letters, 50, e2023GL103619. DOI:10.1029/2023GL103619

Daubar, I. J. and B. Fernando, Raphaël F. Garcia, Peter M. Grindrod, Géraldine Zenhäusern, Natalia Wójcicka, Nicholas A. Teanby, Simon C. Stähler, Liliya Posiolova, Anna C. Horleston, Gareth S. Collins, Constantinos Charalambous, John Clinton, Maria E. Banks, Marouchka Froment, Philippe Lognonné, Mark Panning, and W. Bruce Banerdt (2023) Two Seismic Events from InSight Confirmed as New Impacts on Mars. Planetary Science Journal 4, 175. DOI:10.3847/PSJ/ace9b4

Daubar, I.J., Dundas, C.M., McEwen, A.S., Gao, A., Wexler, D., Piqueux, S., Collins, G.S., Miljkovic, K., Neidhart, T., Eschenfelder, J., Bart, G.D., Wagstaff, K.L., Doran, G., Posiolova, L., Malin, M., Speth, G., Susko, D., Werynski, A. (2022) New Craters on Mars: An Updated Catalog. J. Geophys. Res. Planets 127, e2021JE007145. <https://doi.org/10.1029/2021je007145>

Fernando, B., **I. J. Daubar**, J. C. E. Irving, C. L. Johnson, A. G. Marusiak, M. M. Baker, and S. Stanley (2022) Inclusion of early-career researchers in space missions. Nature Astronomy 6, 1339-1341. DOI:10.1038/s41550-022-01861-2

Posiolova, L. V., P. Lognonné, W. B. Banerdt, J. Clinton, G. S. Collins, T. Kawamura, S. Ceylan, **I. J. Daubar**, B. Fernando, M. Froment, D. Giardini, M. C. Malin, K. Miljković, S. C. Stähler, Z. Xu, M. E. Banks, É. Beucler, B. A. Cantor, C. Charalambous, N. Dahmen, P. Davis, M. Drilleau, C. M. Dundas, C. Durán, F. Euchner, R. F. Garcia, M. Golombek, A.

Horleston, C. Keegan, A. Khan, D. Kim, C. Larmat, R. Lorenz, L. Margerin, S. Menina, M. Panning, C. Pardo, C. Perrin, W. T. Pike, M. Plasman, A. Rajšić, L. Rolland, E. Rougier, G. Speth, A. Spiga, A. Stott, D. Susko, N. A. Teanby, A. Valeh, A. Werynski, N. Wójcicka, and G. Zenhäusern (2022) Largest recent impact craters on Mars: Orbital imaging and surface seismic co-investigation. *Science* 378, 412-417. DOI:10.1126/science.abq7704

Kim, D., W. B. Banerdt, S. Ceylan, D. Giardini, V. Lekić, P. Lognonné, C. Beghein, É. Beucler, S. Carrasco, C. Charalambous, J. Clinton, M. Drilleau, C. Durán, M. Golombek, R. Joshi, A. Khan, B. Knapmeyer-Endrun, J. Li, R. Maguire, W. T. Pike, H. Samuel, M. Schimmel, N. C. Schmerr, S. C. Stähler, E. Stutzmann, M. Wieczorek, Z. Xu, A. Batov, E. Bozdag, N. Dahmen, P. Davis, T. Gudkova, A. Horleston, Q. Huang, T. Kawamura, S. D. King, S. M. McLennan, F. Nimmo, M. Plasman, A. C. Plesa, I. E. Stepanova, E. Weidner, G. Zenhäusern, **I. J. Daubar**, B. Fernando, R. F. Garcia, L. V. Posiolova, and M. P. Panning (2022) Surface waves and crustal structure on Mars. *Science* 378, 417-421. DOI:10.1126/science.abq7157

Daubar, I.J., 2022. First seismic detections of natural impacts linked to craters on another planet (Research briefing). *Nat. Geosci.* <https://doi.org/10.1038/s41561-022-01029-7>

Garcia, R. F., **I. J. Daubar**, É. Beucler, L. V. Posiolova, G. S. Collins, P. Lognonné, L. Rolland, Z. Xu, N. Wójcicka, A. Spiga, B. Fernando, G. Speth, L. Martire, A. Rajšić, K. Miljković, E. K. Sansom, C. Charalambous, S. Ceylan, S. Menina, L. Margerin, R. Lapeyre, T. Neidhart, N. A. Teanby, N. C. Schmerr, W. B. Banerdt, M. Froment, J. F. Clinton, O. Karatekin, S. C. Stähler, N. L. Dahmen, C. Durán, A. Horleston, T. Kawamura, M. Plasman, G. Zenhäusern, D. Giardini, M. Panning, M. Malin, and W. B. Banerdt (2022) Newly formed craters on Mars located using seismic and acoustic wave data from InSight. *Nature Geoscience* 15, 774-780. DOI:10.1038/s41561-022-01014-0

Wagstaff, K. L., **I. J. Daubar**, G. Doran, M. J. Munje, V. T. Bickel, A. Gao, J. Pate, and D. Wexler (2022) Using machine learning to reduce observational biases when detecting new impacts on Mars. *Icarus* 386, 115146. DOI:10.1016/j.icarus.2022.115146

Fernando, B., N. Wójcicka, R. Maguire, S. C. Stähler, A. E. Stott, S. Ceylan, C. Charalambous, J. Clinton, G. S. Collins, N. Dahmen, M. Froment, M. Golombek, A. Horleston, O. Karatekin, T. Kawamura, C. Larmat, T. Nissen-Meyer, M. R. Patel, M. Plasman, L. Posiolova, L. Rolland, A. Spiga, N. A. Teanby, G. Zenhäusern, D. Giardini, P. Lognonné, B. Banerdt, and **I. J. Daubar** (2022) Seismic constraints from a Mars impact experiment using InSight and Perseverance. *Nature Astronomy* 6, 59-64. DOI:10.1038/s41550-021-01502-0

Daubar, I. J., and R. A. Beyer, V. Hamilton, A. McEwen, N. Bardabelias, S. M. Brooks, P. K. Byrne, S. Byrne, F. Calef III, J. Castillo-Rogez, S. Diniega, V. C. Gulick, C. W. Hamilton, D. Jha, A. Keresztur, C. Nunn, P. Schenk, S. S. Sutton. (2021) Extended Missions in Planetary Science: Impacts to Science and the Workforce. White paper submitted to the Planetary Science and Astrobiology Decadal Survey 2023-2032. *Bulletin of the American Astronomical Society* 53, 465. DOI:10.3847/25c2cfab.1d8e902b

Dundas, C. M., P. Becerra, S. Byrne, M. Chojnacki, **I. J. Daubar**, S. Diniega, C. J. Hansen, K. E. Herkenhoff, M. E. Landis, A. S. McEwen, G. Portyankina, and A. Valantinas (2021) Active

Mars: A Dynamic World. *Journal of Geophysical Research (Planets)* 126, e06876.
DOI:10.1029/2021JE006876

Dundas, C. M., M. T. Mellon, S. J. Conway, **I. J. Daubar**, K. E. Williams, L. Ojha, J. J. Wray, A. M. Bramson, S. Byrne, A. S. McEwen, L. V. Posiolova, G. Speth, D. Viola, M. E. Landis, G. A. Morgan, and A. V. Pathare (2021) Widespread Exposures of Extensive Clean Shallow Ice in the Midlatitudes of Mars. *Journal of Geophysical Research (Planets)* 126, e06617.
DOI:10.1029/2020JE006617

Rajšić, A., K. Miljković, G. S. Collins, K. Wünnemann, **I. J. Daubar**, N. Wójcicka, and M. A. Wieczorek (2021) Seismic Efficiency for Simple Crater Formation in the Martian Top Crust Analog. *Journal of Geophysical Research (Planets)* 126, e06662.
DOI:10.1029/2020JE006662

Banerdt, W. B., S. E. Smrekar, D. Banfield, D. Giardini, M. Golombek, C. L. Johnson, P. Lognonné, A. Spiga, T. Spohn, C. Perrin, S. C. Stähler, D. Antonangeli, S. Asmar, C. Beghein, N. Bowles, E. Bozdag, P. Chi, U. Christensen, J. Clinton, G. S. Collins, **I. Daubar**, V. Dehant, M. Drilleau, M. Fillingim, W. Folkner, R. F. Garcia, J. Garvin, J. Grant, M. Grott, J. Grygorczuk, T. Hudson, J. C. E. Irving, G. Kargl, T. Kawamura, S. Kedar, S. King, B. Knapmeyer-Endrun, M. Knapmeyer, M. Lemmon, R. Lorenz, J. N. Maki, L. Margerin, S. M. McLennan, C. Michaut, D. Mimoun, A. Mittelholz, A. Mocquet, P. Morgan, N. T. Mueller, N. Murdoch, S. Nagihara, C. Newman, F. Nimmo, M. Panning, W. T. Pike, A.-C. Plesa, S. Rodriguez, J. A. Rodriguez-Manfredi, C. T. Russell, N. Schmerr, M. Siegler, S. Stanley, E. Stutzmann, N. Teanby, J. Tromp, M. van Driel, N. Warner, R. Weber, and M. Wieczorek (2020) Initial results from the InSight mission on Mars. *Nature Geoscience* 13, 183-189.
DOI:10.1038/s41561-020-0544-y

Daubar, I. J., P. Lognonné, N. A. Teanby, G. S. Collins, J. Clinton, S. Stähler, A. Spiga, F. Karakostas, S. Ceylan, M. Malin, A. S. McEwen, R. Maguire, C. Charalambous, K. Onodera, A. Lucas, L. Rolland, J. Vaubaillon, T. Kawamura, M. Böse, A. Horleston, M. van Driel, J. Stevanović, K. Miljković, B. Fernando, Q. Huang, D. Giardini, C. S. Larmat, K. Leng, A. Rajšić, N. Schmerr, N. Wójcicka, T. Pike, J. Wookey, S. Rodriguez, R. Garcia, M. E. Banks, L. Margerin, L. Posiolova, and B. Banerdt (2020) A New Crater Near InSight: Implications for Seismic Impact Detectability on Mars. *Journal of Geophysical Research (Planets)* 125, e06382. DOI:10.1029/2020JE006382

Daubar, I. J., M. E. Banks, N. C. Schmerr, and M. P. Golombek (2019) Recently Formed Crater Clusters on Mars. *Journal of Geophysical Research (Planets)* 124, 958-969.
DOI:10.1029/2018JE005857

Daubar, I. J., P. Lognonné, N. A. Teanby, K. Miljkovic, J. Stevanović, J. Vaubaillon, B. Kenda, T. Kawamura, J. Clinton, A. Lucas, M. Drilleau, C. Yana, G. S. Collins, D. Banfield, M. Golombek, S. Kedar, N. Schmerr, R. Garcia, S. Rodriguez, T. Gudkova, S. May, M. Banks, J. Maki, E. Sansom, F. Karakostas, M. Panning, N. Fuji, J. Wookey, M. van Driel, M. Lemmon, V. Ansan, M. Böse, S. Stähler, H. Kanamori, J. Richardson, S. Smrekar, and W. B. Banerdt (2018) Impact-Seismic Investigations of the InSight Mission. *Space Science Reviews* 214, 132. DOI:10.1007/s11214-018-0562-x

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