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abstract = {The American Geophysical Union (AGU) announces the new living collection “Impactful Datasets in Earth, Space, and Environmental Sciences” which recognizes the creation and curation of datasets enabling research, analysis, and decision making beyond what is captured by traditional academic impact metrics. The collection highlights datasets through the dimensions of People, Planet, and Prosperity, and includes a curated set of nominated datasets and accompanying special collection of data papers. Developed with the Earth Science Information Partners (ESIP) community, the nomination and review process initially invites contributors from across research, operations, and public service, to nominate datasets important to their work, and then submit a data paper that expands upon the nomination text for inclusion in the special collection. This commentary highlights the rationale for the living collection, and the process of nomination. The collection serves as a living reference that strengthens data culture, supports reproducible geoscience, and provides enduring access to critical information for science and society.},

author = {Joseph Gum and Graziella Caprarelli and Alberto Montanari and Brian Sedora and Shelley Stall and Mathew Biddle and Rachael Blake and Matt Jones and Elizabeth Joyner and Binita KC and Doug Newman and Doug Schuster and Andrea K. Thomer and Bruce Wilson and Lesley Wyborn and Ilse Aben and James Acker and Ebrahim Ahmadisharaf and Weston Anderson and Yosuke Aoki and Christina Arras and Ross Bagwell and Ashley Ballard and Lindsay Barbieri and Sylvain Barbot and Emily Becker and David Berghmans and Justine Blanford and Gil Bohrer and Tobias Braun and Ian Brosnan and Patrick Broxton and Brendan Byrne and Danica Linda Cantarero and Peiyu Cao and Sarah Carter and Rob Casey and Kerry Cawse-Nicholson and Daniel Cayan and K. Dana Chadwick and Kunal Chakraborty and Ernest Cisneros and Alexandru T. Codilean and James Crawford and Noel Cressie and David Crisp and Alfredo A. Cruz and Elisabetta D'Anastasio and Robert E. Daniell and Fabien Darrouzet and Saswati Das and Kyle Frankel Davis and Ankur R. Desai and Alex de Sherbinin and Catia M. Domingues and Wenhao Dong and Kelsey Druken and Nelia W. Dunbar and Bethany Ehlmann and James S. Eldrett and Shane Elipot and Jing Fang and Nicolas Fernandez and Florence Fetterer and Alison Fritz and Jing Gao and Xueyuan Gao and Sarah Gille and Sven Gilliams and Peter H. Gleick and Christopher R. Hakkenberg and Jonathan B. Hanson and Henry C. Henson and Tracey Holloway and Candice Hopkins and Mark James Hopwood and Faisal Hossain and George J. Huffman and Nicole Jacobs and Daniel Jaffe and Dylan Jones and Apurva P. Joshi and Julie Kalansky and Leander Kallas and Nikita Kaushal and Endalkachew Kebede and Trevor F. Keenan and Gretchen Keppel-Aleks and Tae Kim and Fraser King and Marthe Klöcking and Wouter Knoben and Mark Koenig and Greg Kopp and Gerbrand Koren and Nicholas Kruskamp and Zachary Labe and Anthony Lanati and Matthias Lankhorst and Joshua Laughner and Oana Leahu-Aluas and Christine Lee and Laure Lefevre and Kerstin Lehnert and Einat Lev and Yuan Li and Zhong Liu and Avni Malhotra and Scott Marshall and Landon Marston and Ariadna Martin and Nick Marzolf and Paola Mazzoglio and Art Miller and Sanchit Minocha and Arpita Mondal and Jean-Paul Montagner and Laurent Montesi and Nils Moosdorf and James T. Morris and Md Golam Mostafa and Katelyn Mountjoy and Thiago V. M. do Nascimento and Kiwamu Nishida and Angus Nixon and Ceri Nunn and Martha Cary Eppes and Nasrin Mostafavi Pak and Gerard Gallardo i Peres and Dean Pesnell

and Antonio Martínez Picar and Claire Porter and Prithviraj Pramanik and Sara C. Pryor and Marcelo Uriburu Quirno and Federico Rabuffi and Balaji Rajagopalan and Yuhan Rao and A. J. Reiss and Axel D. Renno and Siddharth Rout and Manabendra Saharia and Ricardo Sánchez-Murillo and Tatsuhiko Sato and Erin Satterthwaite and Anna Savage and Ted A. Scambos and Jacob Schaperow and Nirdesh Kumar Sharma and Christine A. Shields and Debjani Sihi and Elizabeth A. Silber and Terry Sohl and Sarath Suresh and James H. Swift and Zoltan Szantoi and Joao Teixeira and Glen Thackray and Anne Tillery and Mike Timmons and Marie Katrine Traun and Martin Vallée and Sara M. Vallejo-Bernal and José Manuel Vaquero and Voltaire A. Velazco and Isabel Wargowsky and Dominique Weis and Nina Welti and Thomas Westerhold and John W. Williams and Ann Windnagel and Ryan J. Woosley and Debra Wunch and Jingfeng Xiao and Ben Zaitchik and Enze Zhang and Xiaoyi Zhao and Li Zhen and Lin Zhiheng and Steven C. Bergman and Daniel Minisini},

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