



Liu Fenghong, female, graduated from the Institute of Botany, Chinese Academy of Sciences in 2007 with a doctor's degree; she was an information science postdoctoral in School of information management, Nanjing University, and studied at school of information, computing and engineering, Indiana University as a visiting scholar, supported by the national scholarship for study abroad in 2018. At present, she is a master's supervisor of library science and the director of the editorial department of "Data Intelligence", an English Academic Journal of the National Science

Library, Chinese Academy of Sciences.

Now mainly engaged in data journal and data paper publishing research. Data journal is a kind of journal which realizes "data publishing" by imitating the traditional academic publishing mode. It belongs to the category of academic publishing. It "publishes documents describing a single or a group of data sets in strict accordance with the standard academic publishing practices and processes". This document is a data paper, corresponding to a traditional academic paper, but the content is a description of one or more online data sets. The emergence of data journals, on the one hand, provides an effective academic incentive mechanism for data sharing personnel through academic publishing, on the other hand, because the paper content provides rich data background description materials, which is also considered by some scholars as an "alternative solution to metadata", so as to improve the possibility of data discovery and reuse. The current research focuses on the utility of data reuse in data journals and data papers.

She has presided and completed more than 10 NSFC projects and published more than 20 academic papers.

Representative works:

- [1]Fenghong LIU, Tian ZHANG. An emerging type of scholarly articles in the Open Science background:research elements publishing[J]. Chinese Journal of Scientific and Technical Periodicals, 2017, 28(02):138-144.
- [2]Fenghong Liu, Jian Liu and Ming Dong. Ecological Consequences of clonal integration in plants[J]. Frontiers in Plant Science, 2016. 7: 770.
- [3]Fenghong Liu, Feihai Yu, Wensheng Liu, Bertil O. Krüsi, Xiaohu Cai, Jakob J. Schneller and Ming Dong. Large clones on cliff faces: Expanding by Rhizomes through crevices[J]. Annals of Botany, 2007. 100: 51-54.
- [4]Fenghong Liu, Xuehua Ye, Feihai Yu and Ming Dong. Responses of Hedysarum laeve, a guerrilla clonal semi-shrub in the Mu Us sandland, to local sand burial[J]. Frontiers of Biology in China, 2007. 2: 431-436.

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