

How to Prepare a Manuscript for BioScience

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How to prepare a manuscript for BioScience

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- Technical report: Lassister RR, Cooley JL. 1985. Prediction of Ecological Effects of Toxic Chemicals, Overall Strategy and Theoretical Basis for the Ecosystem Model. Government Printing Office. Report no. 83-261-685.
- Meeting paper: Kleiman RLP, Hedin RS, Edenbom HM. 1991. Biological treatment of minewater—an overview. Paper presented at the Second International Conference on Abatement of Acid Drainage; 16–18 September 1991, Montreal, Canada.
- Online article: Palevitz BA. 2002. Designing science by politics. The Scientist 16 (11): 25. (1 April 2003; www.the-scientist.com/yr2002/may/ palevitz_p25_020527.html)

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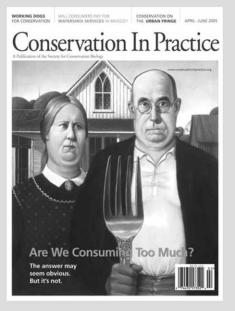
References cited

[CBE] CBE Style Manual Committee. 1994. Scientific Style and Format: The CBE Manual for Authors, Editors, and Publishers. 6th ed. Cambridge University Press.

[Chicago] University of Chicago Press. 2003. The Chicago Manual of Style. 15th ed. University of Chicago Press.

Mish FC, et al., eds. 2003. Merriam-Webster's Collegiate Dictionary. 11th ed. Merriam-Webster.





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