Environment & Society Portal

Multimedia Library Collection: Environmental Values (journal)

"The Multidimensionality of Environmental Problems: The GMO Controversy and the Limits of Scientific Materialism"

Carolan, Michael S.

Carolan, Michael S. "The Multidimensionality of Environmental Problems: The GMO Controversy and the Limits of Scientific Materialism." *Environmental Values* 17, no. 1 (2008): 67–82. doi:10.3197/096327108X271950 .

This paper argues for a broader understanding of complexity; an understanding that speaks to the multidimensionality of environmental problems. As argued, environmental problems rest upon ontological, epistemological, and moral claims; they rest, in other words, upon statements about what is, knowledge, and what ought to be, respectively. To develop and illustrate this argument, the GMO (genetically modified organism) controversy is broken down according to these three dimensions. Dissecting environmental problems in this manner reveals why we cannot look solely toward the natural sciences for resolution: because these problems beg questions that cannot be answered with references to materiality alone.
— Text from The White Horse Press website

All rights reserved. © 2008 The White Horse Press

Download:
PDF: https://www.environmentandsociety.org/sites/default/files/key_docs/ev_17no.1_carolan_michael_s.pdf

Related links:

- Article on the official website
  http://www.erica.demon.co.uk/EV/EV1705.html
- The White Horse Press
  http://www.erica.demon.co.uk/

Websites linked in this text:

Environmental Values (journal) Collection, Multimedia Library, Environment & Society Portal
"The Multidimensionality of Environmental Problems: The GMO Controversy and the Limits of Scientific Materialism"
Source URL: http://www.environmentandsociety.org/node/6024
Print date: 21 November 2026 23:09:17

- http://dx.doi.org/10.3197/096327108X271950
- http://www.erica.demon.co.uk/EV/EV1705.html

Environmental Values (journal) Collection, Multimedia Library, Environment & Society Portal
"The Multidimensionality of Environmental Problems: The GMO Controversy and the Limits of Scientific Materialism"
Source URL: http://www.environmentandsociety.org/node/6024
Print date: 21 November 2026 23:09:17