

Multimedia Library Collection: Periodicals

Review of Pushing our Limits: Insights from Biosphere 2 by Mark Nelson

AchutaRao, Krishna

AchutaRao, Krishna. Review of *Pushing our Limits: Insights from Biosphere 2* by Mark Nelson. *Conservation & Society* 17, no. 1 (2019): 116-17. https://doi.org/10.4103/cs.cs_18_91.

Anybody who lived in the US in the early 1990s would remember the television coverage of "Biosphere 2"—a prototype Mars colony on earth built in the Arizona desert. The lingering memories are of media coverage that focused on the failures and bordered on the salacious. Four women and four men entered a glass and steel frame building that "included small chunks of Earth's biodiversity; bonsai rainforest, tropical grassland (savanna), desert, mangrove marsh, and coral reef ocean" in September 1991. They began a two-year "closure" experiment to study how global ecological processes work in a sealed environment. Twenty five years after the event, one of the 8 volunteers—Mark Nelson has written a book about it. With a fascinating account of the challenges faced in maintaining quality of the air and water inside, the author makes the case that many of the lasting lessons of the experiment may be applicable right here on Earth where climate change and environmental pollution have assumed centre stage in a way not foreseen at the time of the closure of Biosphere 2. (Excerpt from book review)

© Krishna AchutaRao 2019. *Conservation & Society* is available online only and is published under a Creative Commons license (CC BY 2.5).

Download:

PDF: https://www.environmentandsociety.org/sites/default/files/key_docs/conservatsoc171116-3112975_083849.pdf

Related links:

- Conservation & Society website http://www.conservationandsociety.org/
- Conservation & Society 17, no. 1 http://www.conservationandsociety.org/showBackIssue.asp

Periodicals Collection, Multimedia Library, Environment & Society Portal Review of *Pushing our Limits: Insights from Biosphere 2* by Mark Nelson **Source URL:** http://www.environmentandsociety.org/node/8589 **Print date:** 12 December 2025 07:08:19

• *Pushing our Limits: Insights from Biosphere 2* on the University of Arizona Press website https://uapress.arizona.edu/book/pushing-our-limits

Websites linked in this text:

• https://doi.org/10.4103/cs.cs_18_91

Print date: 12 December 2025 07:08:19