

**RIS**Research and Information System
for Developing Countries

विकासशील देशों की अनुसंधान एवं सूचना प्रणाली

Global Science
Epistemic Justice

Asian Biotechnology & Development Review

Special Issue

‘Bioeconomy for the Common Good’

Call for Papers

Bioeconomy, or the use of biotechnology and biological resources to provide information, products, processes and services to all economic sectors, holds key to leverage various global and local concerns. **The past year witnessed significant development in bioeconomy strategies globally:** The World BioEconomy Forum Declaration was launch in Brazil in late 2021. In May 2022, China launched its first ever national five-year plan on bioeconomy, with the ambition of raising the value of the sector to 22 trillion yuan (\$3.3 trillion). In the UK, in addition to its Innovation Strategy and Genome UK implementation plan, it’s reported in August that the HFEA continues to ‘future proof’ its legislations. In September, the US President Biden has signed the Executive Order on Advancing Biotechnology and Biomanufacturing Innovation. The most recent analysis indicates that India’s bioeconomy is reaching \$300 billion by 2030. However, with the emerging norms of research organisation, governance, changing geopolitical dynamics, new natural and societal challenges and shifting public values, the conceptualisation and practice of bioeconomy itself is also evolving.

In this context, the [Centre for Global Science and Epistemic Justice \(GSEJ\)](#) at the University of Kent, UK is joining force with the [Research and Information System for Developing Countries \(RIS\)](#) (an autonomous independent policy research think tank with India’s Ministry of External Affairs) to co-edit a special issue for [Asian Biotechnology & Development Review \(ABDR\)](#).

The special issue brings together latest empirical and conceptual investigations on what a fair, efficient and vibrant bioeconomy (may) look like, and on how we could collectively promote it for social and planetary well-being. **We invite insights from different regions of the world.** Topics that the special issue hopes to cover include but not limited to:

- Bioethics and/or environmental ethics
- Energy transitions, SDGs and other global challenges.
- Epistemic justice
- Governance and international laws
- Organisation of research and bio-enterprises
- Political economy
- Participation and public engagement
- Safety, security and responsible innovation

We invite both full research articles (5,000-8,000 word) and short case studies and commentaries (1,000-1,500 words). ABDR is a peer-reviewed open access journal. **There is no submission fee or article processing charge for publications.**

Deadline for submission of full paper: 9 January 2023

Peer-review and editorial decision: 13 February 2023

Revision and resubmission deadline: 20 March 2023

Guest Editor: Joy Y. Zhang (University of Kent). Anna Waldstein (University of Kent)

Editors: Ravi Srinivas (RIS)

For queries and submissions, please email: editor.abdr@ris.org.in and cc GSEJ@kent.ac.uk



Guidelines for Authors

1. Manuscripts must be sent in MS-Word to editor.abdr@ris.org.in and cc GSEJ@kent.ac.uk. Submissions should contain institutional affiliation and complete mailing address of author(s)..
2. Manuscripts should be prepared using double spacing. The text of manuscripts should not ordinarily exceed 7,000 words. Manuscripts should contain a 200 word abstract, and key words up to six.
3. Use 's' in '-ise' '-isation' words; e.g., 'civilise', 'organisation'. Use British spellings rather than American spellings. Thus, 'labour' not 'labor'.
4. Use figures (rather than word) for quantities and exact measurements including percentages (2 per cent, 3 km, 36 years old, etc.). In general descriptions, numbers below 10 should be spelt out in words. Use thousands, millions, billions, not lakhs and crores. Use fuller forms for numbers and dates— for example 1980-88, pp. 200-202 and pp. 178-84.
5. Specific dates should be cited in the form June 2, 2004. Decades and centuries may be spelt out, for example 'the eighties', 'the twentieth century', etc.

References: A list of references cited in the paper and prepared as per the style specified below should be appended at the end of the paper. References must be typed in double space, and should be arranged in alphabetical order by the surname of the first author. In case more than one work by the same author(s) is cited, then arrange them chronologically by year of publication.

All references should be embedded in the text in the anthropological style—for example '(Hirschman 1961)' or '(Lakshman 1989:125)' (Note: Page numbers in the text are necessary only if the cited portion is a direct quote).

Citation should be first alphabetical and then chronological—for example 'Rao 1999a, 1999b'. More than one reference of the same date for one author should be cited as 'Shand 1999a, 1999b'. The following examples illustrate the detailed style of referencing:

(a) Books: Hirschman, A. O. 1961. Strategy of Economic Development. New Haven: Yale University Press.

(b) Edited volumes: Shand, Ric (ed.). 1999. Economic Liberalisation in South Asia. Delhi: Macmillan.

(c) Articles from edited volumes: Lakshman, W. D. 1989. "Lineages of Dependent Development: From State Control to the Open Economy in Sri Lanka" in Ponna Wignaraja and Akmal Hussain (eds) The Challenge in South Asia: Development, Democracy and Regional Cooperation, pp. 105-63. New Delhi: Sage.

(d) Articles from Journals: Rao, M.G., K. P. Kalirajan and R. T. Shand. 1999. "Convergence of Income across Indian States: A Divergent View". Economic and Political Weekly, 34(13): pp. 769-78.

(e) Unpublished Work: Sandee, H. 1995. "Innovations in Production". Unpublished Ph.D thesis. Amsterdam: Free University.

(f) Online Reference: World Health Organisation. 2000. "Development of National Policy on Traditional Medicine". Retrieved on March 31, 2011 from <http://www.wpro.who.int/sites/trm/documents/Development+of+National+Policy+on+Traditional+Medicine.htm>

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