



Technological Innovation and the Effect of Employment on Green Growth

Guest Editor:

Prof. Dr. Luigi Aldieri

Department of Economic and
Statistical Sciences; University of
Salerno, I-84084 Fisciano (SA),
Italy

Deadline for manuscript
submissions:

closed (31 December 2020)

Message from the Guest Editor

This Special Issue will pay attention to both the extent to which the investments in cleaner production can stimulate a job-creation process, and the role of knowledge spillover as a relevant channel supporting employment in a more sustainable context.

The impact of innovation on employment is a complex economic topic. Indeed, new technologies destroy employment (displacement effect), but can also create employment (compensation effect). Moreover, new technologies could favour higher-skilled employees over the lower-skilled ones, by producing a skill-based technological change effect. Finally, the technological innovation could produce a job-polarization effect—new technologies substitute routine tasks, regardless of whether tasks are relative to cognitive or manual profile. This last effect leads to a reduction in the labour demand for middle-skilled people, while the labour demand for both high-skilled and low-skilled people increases.

Theoretical and empirical contributions from the economics of innovation and patenting on innovation, employment, green economy, and relative public policies are welcome in this Special Issue.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and
Natural Resources, Ohio State
University, Columbus, OH 43210,
USA

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [GeoRef](#), [Inspec](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)