

Special Issue

Earth Observation for Index Insurance

Message from the Guest Editors

Index insurance is an important tool that can allow the world's 2.5 billion smallholder farmers to better manage climate risk. It is based on an index that is correlated with or serves as a proxy for losses, such as rainfall (weather-based indices) or yield (area yield indices). Payouts are triggered when this index exceeds a pre-specified threshold. The opening of satellite image archives and increasing spatial, temporal and spectral resolutions of freely available remote sensing data offer an invaluable opportunity to develop index insurance products. The topic is of interest to researchers, development agencies, and private industry partners concerned with the application of financial instruments to address (weather-related) risks to smallholder farming in developing countries. We invite the submission of articles that:

- Research technological advancements relevant for index insurance
- Research the potentials and limitations of remote sensing for index insurance
- Investigate case studies that demonstrate scaling up index insurance
- Close the gap between remote sensing, insurance and agricultural risk management

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2020)



Remote Sensing

an Open Access Journal
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Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/20853

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About the Journal

Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

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