



Deep Learning in Environmental, Electrical, and Biomedical Engineering: Recent Advances and Future Trends

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submissions:

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Message from the Guest Editors

Deep-learning methods have demonstrated superior performance in a variety of tasks, including natural language processing, medical imaging, computer vision, and others. However, the most successful applications of deep-learning approaches are within the scope of computer science and related engineering fields. The utilization of deep learning for solving environmental, electrical, and biomedical engineering problems is still limited in relation to the demand. Here, we would like to invite researchers and experts from all over the globe to submit high-quality, original research papers and critical survey articles.

The topics of interest include, but are not limited to:

- Deep-learning theory and architecture;
- Deep learning in engineering geology or geohazard risk analysis;
- Deep learning in energy systems, renewable energy, and related sectors;
- Deep learning in medical imaging or related fields;
- Object detection, classification, and segmentation;
- Deep generative models;
- Interpretation & visualization of deep-learning algorithms;
- Natural language processing;
- Deep reinforcement learning.





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Message from the Editor-in-Chief

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