



Propagation of Electromagnetic Waves in Terrestrial Environment for Applications in Wireless Telecommunications and Radar Systems

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Deadline for manuscript
submissions:

closed (31 March 2022)

Message from the Guest Editors

Up to today, a great number of research studies have been published in the antennas and propagation community relevant to the above problem, probably because of additional practical interest for mobile and wireless telecommunications. These range from a variety of rigorous electromagnetic methods of propagation to simple propagation models, or to rather empirical methods for mobile telecommunications applications based on measurements. Potential topics for paper submission include but are not limited to:

- Rigorous–approximate–asymptotic formulations for EM propagation above terrain;
- Numerical aspects in evaluating Sommerfeld Integrals (“tails”);
- Empirical propagation models for outdoor/indoor environments, based on measurements/experiments;
- Propagation of EM waves through the atmosphere/ionosphere/plasma, including satellite communications applications;
- Possible radar applications of the abovementioned EM propagation methods;
- Review articles in related topics.





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Message from the Editor-in-Chief

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