SUGGESTED COVER LETTER FOR JOURNAL OF RENEWABLE ENERGY

Dear Editor-in-Chief, Professor Nídia Caetano,

I am pleased to submit our manuscript titled ‘**The impact of setback regulations on PV deployment strategies in Gyeonggi Province, South Korea’** for consideration in Renewable Energy.

This study investigates the impact of setback regulations on photovoltaic (PV) deployment using GIS-based spatial analysis across nine distinct land-use types. We construct geospatial supply curves under current and relaxed regulatory scenarios and evaluate deployment strategies that balance economic efficiency with renewable energy targets. By integrating spatial, economic, and regulatory dimensions, our work offers actionable insights for policymakers seeking to optimize PV expansion while addressing land-use constraints and environmental considerations.

This manuscript fits well within the aims and scope of Renewable Energy, providing original contributions to renewable energy deployment modeling and policy analysis. We believe it will be of significant interest to readers involved in renewable energy planning, spatial analysis, and regulatory framework development.

This work has not been published or submitted elsewhere, and there are no conflicts of interest to declare. All authors have approved the submission of this manuscript. We have prepared the manuscript according to the journal’s submission guidelines.

Thank you for considering our submission. We look forward to the opportunity to contribute to Renewable Energy.

Sincerely,

Seungho Jeon

Research Fellow, Climate & Environment Data Center

Gyeonggi Research Institute, South Korea