

## STATEMENT OF ORIGINALITY AND CONFLICT OF INTEREST DECLARATION

Title of the manuscript (**please complete**): Numerical Simulation of Spacecraft Charging  
Attributed to Ionospheric Plasma in Polar and Equatorial Environment

Authors (**please complete**): Nizam Ahmad, Hideyuki Usui

As the corresponding author I certify that this manuscript is original and its publication does not infringe any copyright.

As the corresponding author I declare that the manuscript has not been previously published, in whole or in part in any other journal or scientific publishing company. Also the manuscript does not participate in any other publishing process. I also declare there is no conflict of interest.

As the corresponding author I declare that all persons listed hereafter were committed in the creation of the paper and were informed about their participation.

Date, October 14, 2019



Nizam Ahmad

*\*This statement must be uploaded as a supplementary files while submitting your manuscript.*