

東日本大震災および福島第一原発事故に関連した SGEPPSS 会員による発表論文

東日本大震災で亡くなられた方々のご冥福をお祈りするとともに、更には福島第一原発事故も加わり、今なお難儀を強いられている被災者の皆さまには心よりお見舞い申し上げます。この地震と大津波および原子力発電所の事故に関連して当地球電磁気・地球惑星圏学会が取り扱う研究分野でも、多くの希有な現象が観測され、会員により研究論文としてまとめられました。これら研究成果が、将来、このような大災害の防止に何らかの形で寄与することを願い、その論文のリストと簡単な解説を掲載させていただきます。

EPS Special Issue:

[First Results of the 2011 Off the Pacific Coast of Tohoku Earthquake](#)

● Numerical simulations of atmospheric waves excited by the 2011 off the Pacific coast of Tohoku Earthquake,

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● Propagation of large amplitude ionospheric disturbances with velocity dispersion observed by the SuperDARN Hokkaido radar after the 2011 off the Pacific coast of Tohoku Earthquake, Nozomu Nishitani, Tadahiko Ogawa, Yuichi Otsuka, Keisuke Hosokawa, and Tomoaki Hori, 63, 891-896, 2011. [doi:10.5047/eps.2011.07.003](https://doi.org/10.5047/eps.2011.07.003) [[日本語解説](#)]

● Ionospheric disturbances detected by GPS total electron content observation after the 2011 Tohoku Earthquake,

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● Ionospheric multiple stratifications and irregularities induced by the 2011 Tohoku earthquake,

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[EPS regular issue]

● Secondary wind transport of radioactive materials after the Fukushima accident,

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[Other Journals]

● Settlement process of radioactive dust to the ground inferred from the atmospheric electric field measurement,

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