

High-latitude ionospheric phenomena requiring a better understanding of the coupling to the magnetosphere/thermosphere

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Various phenomena in the high-latitude ionosphere are coupled to the dynamics in the magnetosphere or thermosphere, and for some of those phenomena the coupling process has been well understood. However, there are still phenomena that require a much better understanding of the coupling. Those phenomena are discussed on the basis of the recent observations from a high-sensitivity all-sky imager at Svalbard, the EISCAT radar, and multi-spacecraft.

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