2011 Workshop: Merging Outflow and GGCM Models

Long title
Merging Ionospheric Outflow Models to GGCM's
CEDAR-GEM
Conveners
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Description

Geospace Generalized Circulation Models (GGCMs), invaluable tools for studying the Earth’s magnetosphere, have historically neglected the ionospheric source of magnetospheric plasma. Recently, an increased recognition of the importance of this source has spurred the magnetospheric modeling community towards finding new, innovative ways to include it in the large-scale models. This workshop will examine existing merging techniques between outflow and magnetosphere models and review recent discoveries concerning the impact ionospheric outflow has on the global magnetospheric results

Justification

This workshop will be an important element of the new GEM Focus Group on The Ionospheric Source of Magnetospheric Plasma. It is one of a set of workshops that are being proposed for the CEDAR-GEM meeting in order to kick-off this new area of study

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