

CISM Knowledge Transfer

Program Elements:	AFRL Partnership	CCMC Partnership	SEC Partnership	Short Course	Case-by-Case Interactions
<i>Objectives:</i>					
<i>Facilitate model transfers to operational environment.</i>	<p>Assess and prioritize USAF needs and potential model impact.</p> <p>Collaborate in model development toward operational needs.</p> <p>Identify appropriate areas for direct model transitions to USAF agencies.</p>	<p>Support transitions to operations through CCMC independent metrics evaluations, real-time test runs, and installation support.</p>	<p>Evaluate and prioritize models for operational impact.</p> <p>Transition and validate models for SEC operational environment.</p> <p>Support development of forecast products from CISM models.</p>	<p>Clarify operational needs of space weather product end-users.</p>	<p>Identify appropriate areas for direct model transitions, e.g. to AFWA, AFSPC.</p> <p>Support direct model transitions in high impact areas.</p>
<i>Provide models & visualization tools to research community.</i>	<p>Provide models for AFRL research and for collaborative development of specialized models.</p>	<p>Provide model runs-on-request and visualizations for research (and operational) community.</p> <p>Obtain feedback on model use and validations by CCMC and community.</p>			<p>Provide CISM_DX to the community.</p>
<i>Train and interact with government agencies, aerospace industry and others who cope with space weather.</i>	<p>Explore AFRL as a USAF conduit for transmitting user needs and model capabilities.</p>	<p>Provide model runs for retrospective analyses of operational anomalies and to evaluate model capabilities.</p>	<p>Use extensive SEC interactions with government & industry customers to assess diverse operational needs and prioritize CISM-based forecast products.</p>	<p>Interact directly with diverse end-users on modeling needs and future developments.</p> <p>Train in modeling capabilities, tools, and plans; and in available space weather resources.</p> <p>Provide CISM_DX and training with hands-on computer labs.</p> <p>Train in using specific forecast models.</p>	