

CISM Performance Indicators

The performance of the Center for Integrated Space Weather Modeling is characterized with a mixture of quantitative and descriptive means. Although these evaluations do not fully convey the Center's progress, they provide meaningful, substantial indicators of CISM's performance. The performance indicators address five major areas:

- I. Research
- II. Education
- III. Diversity
- IV. Knowledge Transfer
- V. Performance as a Center

Within each major area, e.g. Research, a number of key performance objectives are identified. For example, one of the performance objectives for Research is "Progress in accomplishing the research goals of the Strategic Plan". The Center's performance toward each of these objectives is characterized by one or more performance indicators. The performance indicators for CISM are outlined in Table 1 with the following format:

Major Area (e.g. Research)

Performance objective (e.g. Progress in accomplishing research goals of Strategic Plan)

Performance Indicator (e.g. Status of 5-Year Goals and Milestone)

Reference information for each performance indicator is shown in Table 2.

Table 1: CISM Performance Indicator Outline

I. Research

Progress in accomplishing research goals of Strategic Plan
Status of August 2003 5-Year Goals and Milestones (1)
Intellectual merit and importance
Reports of Advisory Council (4)
Citations of CISM publications (12)
Research accomplishments
Publications & presentations (2, 3)

II. Education

Progress in Meeting Education Plan Objectives
Assessments specified in CISM Education Plan (5)
Progress in accomplishing education goals of Strategic Plan
Status of August 2003 5-Year Goals and Milestones (1)
Integration of Research and Education
Numbers of students and post-docs in CISM research (8, 9)
Number of CISM researchers & partners serving as Summer School faculty (15)
Student publication & presentation targets specified in Education Plan (5)

III. Diversity

Progress in accomplishing goals of Diversity Plan
Targets specified in CISM Diversity Plan (6)
Targets specified in CISM Education Plan (5)
Record of broadening participation of underrepresented groups & integrating diversity into Center
Statistics of Center students (8)
Statistics of Center researchers (9)
Statistics of outside participants in Center programs (13)

IV. Knowledge Transfer

Progress in accomplishing KT goals of Strategic Plan
Status of August 2003 5-Year Goals and Milestones (1)
NOAA SEC prototyping or using CISM models (10)
Between Center and academic, industrial and other partners
Publications & presentations in journals & professional meetings (2, 3)
Partnership activities and associated KT (14)
CISM models in Community Coordinated Modeling Center (11)

V. Function of the Center

Progress in accomplishing Center goals of Strategic Plan
Status of August 2003 5-Year Goals and Milestones (1)
Addressing science and technology challenges sufficient to justify center
Reports of CISM Advisory Council (4)
Relationship of Center research to national needs (7)
Center leadership & management
Reports of CISM Advisory Council (4)
Establishing partnerships that achieve significant intellectual exchange
Partnership activities and associated KT (14)

Table 2: *CISM Performance Indicators & Reference Information*

	Performance Indicator	Reference
1.	Status of the CISM 5-Year Goals and Milestones as established in August 2003	Annual Report, Appendix A
2.	CISM Publications	Annual Report, VIII.A.1 and on CISM web site.
3.	CISM Presentations	Annual Report, VIII.A.2 and on CISM web site.
4.	Reports of CISM Advisory Council	Annual Report, Appendix C
5.	Assessments specified in CISM Education Plan	Education Plan, CISM web site; Annual Report
6.	Targets specified in CISM Diversity Plan	Diversity Plan, CISM web site; Annual Report
7.	Relationship of Center research to national needs	Executive Summary of Annual Report
8.	Statistics of Center Students	Annual Report, VIII.D
9.	Statistics of Center Participants	Annual Report, VIII.D
10.	CISM models in prototyping, or in use, by NOAA/SEC	<i>CISM Released Models</i> Annual Report Appendix, beginning year 4.
11.	CISM models in Community Coordinated Modeling Center	<i>CISM Released Models</i> Annual Report Appendix, beginning year 4.
12.	Citations of CISM publications	Annual Report Appendix, beginning year 4.
13.	Statistics of outside participants in Center programs	Annual Report Appendix, beginning year 4.
14.	Report of partnerships and associated KT	Annual Report, V.
15.	Number of CISM researchers & partners serving as Summer School faculty	Annual Report, Appendix F