Welcome to the Space Weather REDI Bootcamp hosted by the CCMC/SWRC

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MODELS • DATA • TOOLS • DATABASES • SYSTEMS • SERVICES
Expanding Collection Of Models at CCMC: > 80

CCMC Assets & Services:

- WSA
- PFSS.Macneice
- ANMHD
- PFSS.Petrie
- SRPM
- NLFFF
- WSA-ENLIL+EPREM
- CORHEL
- IPS
- SMEI
- EXO Solar Wind
- SWMF.SC+EEGGL+CME
- EMMREM
- Heltomo SVEI
- BRYNTRN
- MAGIC
- SNB3GEO
- GCR
- BON
- NOVICE
- NAIARAS
- CARI-7
- Corona
- Heliosphere
- Magnetosphere
- Inner Magnetosphere
- Ionosphere/Thermosphere
- WSA-ENLIL
- WSA-ENLIL+Cone
- SWMF-ENLIL+SEPMOD
- REleASE
- PREDICCS
- SWMF+RCM+RBE
- SWMF+RCM+CRCM
- OpenGGCM+CTIM
- GUMICS
- GIC
- SWMF+RCM+deltaB
- UPOS RB
- AE-8/AP-8
- AE-9/AP-9
- VERB
- TIE-GCM
- SAMI-3
- GMAT
- CTIPe
- IDA4D
- USU-GAIM
- SWACI-TEC
- ABBYNormal
- IMPACT
- GITM
- SWACI-TEC
- NRLMSISE
- PS VP
- Ovation Prime
- AE-8/AP-8
- AE-9/AP-9
- Weimer IE
- Weimer-deltaB
- IRI
- JB2008
- DTM
- COSGROVE-PF
Prior to CCMC

Models accessed and used by developers only.

“Valley of Death” between research and space weather applications
CCMC transformed the way how advanced models are utilized in research.

Pioneered the path from Research to Operations.

http://ccmc.gsfc.nasa.gov
CCMC Assets & Services

Models
(expanding collection: > 80)

Simulation Services
(> 16,000 runs)

Assessment
Skill Score
Scoreboard

Dissemination
Flexible Infrastructure
Tools, Databases
Actionable Displays

Space Weather Services
for NASA’s missions
Space Weather Research Center

Hands-on Education