

Updated 04/10/08

Task	Subtask	Who	Start	End	Completed
KEY:					
Red:	Highest Priority;	Blue:	Completed;	Black:	Upcoming
Aura4 Combo DAS Re-run				4/30/08	
Run 2004-6		Megan	4/10/08	4/30/08	
Indonesian Wildfire Experiments				4/25/08	
Perform 6 month Ziemke-Chandra run		Megan	4/21/08	4/25/08	
Processing GEOS Met Fields				4/13/08	
Process 2006-7 GEOS5 data		Megan	3/14/08	4/13/08	
GEOS-1/GISS runs (for Hongyu)				4/30/08	
Perform runs		Gary	2/22/08	4/30/08	
HTAP Processing					
Process the TP1x data		Gary	TBD	TBD	
GMI Workflow Tool				4/30/08	
Complete the GMI workflow tool		Megan	3/1/08	4/30/08	
Combo Integration with GEOS-5					
Remove mcor inside emission component		Jules			
Assist GMAO as needed		Jules			
Implementing GEOS5 Changes in GMI				TBD	
Add option to use predicted CH4/H2O instead of clim.	Jules/David		TBD	TBD	
H2O and H2OCOND transported when using predicted	Jules/David		TBD	TBD	

Match GMI and G5 H2O un Jules/David		TBD	TBD
Hand H2OCOND to H2O if H2OCOND in trop Jules/David		TBD	TBD
Implement time-flexible interpolation for monthly BCs Jules/David		TBD	TBD
1 year test aura4 run with new tropopause/PSC routine Gary		TBD	TBD

Update GMI to use GEOS5 metfields

5/15/08

Update GMI convective transport for GEOS5	Megan	4/21/08	4/30/08
Update code as needed for new variable names	Megan	4/21/08	5/15/08
Generate a test run with G5 metfields	Megan	TBD	TBD
Test trace gas and aerosol output	Megan	TBD	TBD

Gas-phase/aerosol coupling

TBD

Run model with new sulfur chem-gas phase only	Steve	TBD	TBD
Run model with new gas phase chem and aerosol mod	Steve	TBD	TBD
Run model with new chem and aerosol modules and ou	Steve	TBD	TBD
Run model with aerosol and chem interacting	Steve	TBD	TBD

Update JPL06 Cross-sections

4/15/08

Have cross-sections validated by M. Prather	Huisheng	3/6/08	TBD
---	----------	--------	-----

Add advecCore to the GMI code

4/30/08

Add ESMF calls	Jules	1/2/08	4/15/08
Remove the "n+1" issue	Jules	4/8/08	4/30/08
Test new code and validate	Jules	3/15/08	4/30/08

Processing ECMWF Met Fields

Process 2006 ECMWF fields from Michael Prather	Jules/Tom	TBD	TBD
--	-----------	-----	-----

Other Code Updates/Model Runs/Issues

Varies

Migrate from email groups to ModelingGuru	GMI Team	4/10/08	TBD
Update production run spreadsheet	Megan	as needed	
Gather comments on User's Guide and edit	Megan/Gary/Jul	as needed	
Assist scientists as needed	Jules/Megan	TBD	TBD

Fix advec_opt bug	Jules	TBD	TBD
Implement stratospheric water transport	Jules/David	3/24/08	4/30/08
Generate self-contained/regression tests for code	Megan	9/12/07	TBD
Decide on monthly vs. daily interpolation	TBD	TBD	TBD
Fix date/met field bug	Jules/Megan	TBD	TBD
Fix leap year bug	Jules/Megan	TBD	TBD
Fix "no emission" bug	Jules	TBD	TBD
Add Linoz to the model	Jules/Steve		
Test Combo/strat code with GCR files	Jules/Steve		
Condense emissions variables into two variables	Jules		
Change netCDF data format	Jules		
Hindcast runs	Megan		
Introduce mesospheric chemistry	Jules/Megan		