

TM5-MP - Task #10281

Dry deposition of gas-phase H₂SO₄ and DMS

07/02/2018 01:12 PM - Twan van Noije

Status:	New	Start date:	07/02/2018
Priority:	Low	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Description			
Dry deposition of gas-phase H ₂ SO ₄ and DMS is currently not included in the model.			
Because of the very low volatility of H ₂ SO ₄ , the contribution of H ₂ SO ₄ dry deposition will be very small compared to the other relevant deposition terms. Following Feichter et al. (Atmos. Environ., 1996) the deposition velocity is currently set to zero for DMS. However, in principle the dry deposition of these two species could be added in the EBI scheme. For doing so, we need to know all relevant deposition parameters. This would require some further investigation.			

History

#1 - 07/02/2018 01:12 PM - Twan van Noije

- Tracker changed from Bug to Task

#2 - 07/03/2018 12:51 PM - Twan van Noije

- Priority changed from Normal to Low