


Sensitivity of Aerosols over the Arabian Peninsula and South Asia

Group 7

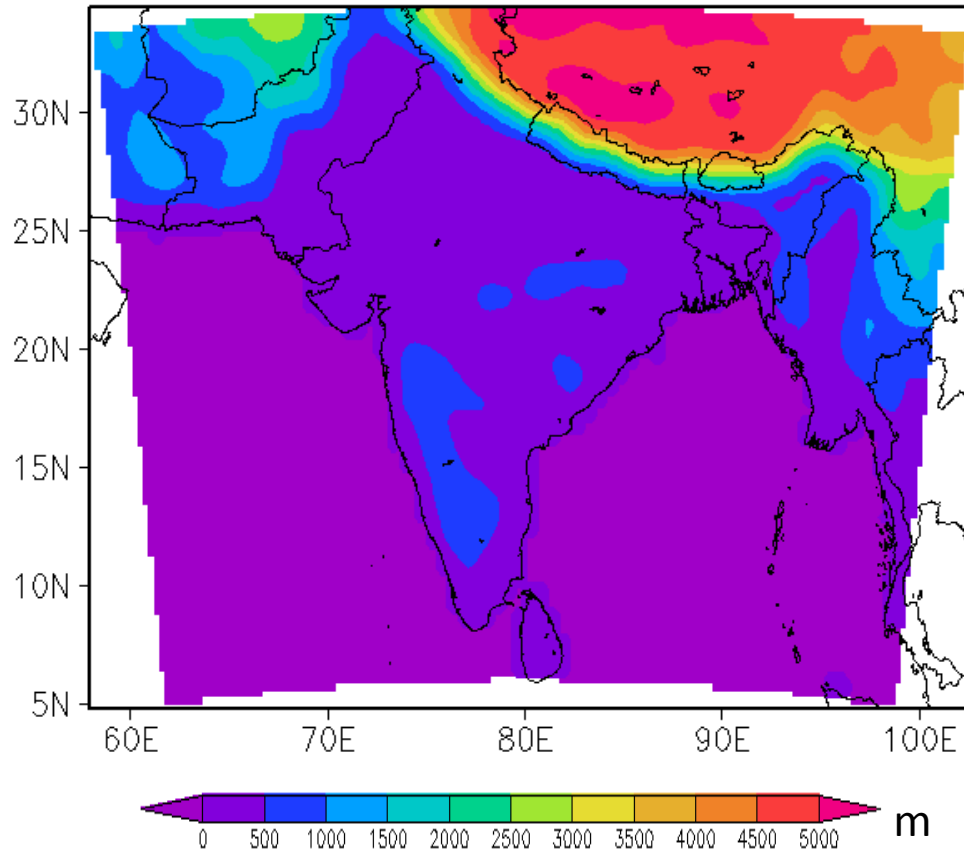
Seasonal Effect of Aerosol Over the South Asia

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Objectives

 To examine the aerosol effects on South Asia during summer and winter seasons using RegCM 4.3

Model Domain



| | |
|-------------------------------|----------------------|
| Simulation Period | 3 months |
| Grid Resolution | 60 km |
| Computational Domain | 4320 km x 3300 km |
| Vertical Level | 18 |
| Convection Scheme | Grell |
| Cumulus Closure Scheme | Fritsch and Chappell |
| ICBC | ERAINT 6hr data |
| Aerosol Type | AER11D1 |
| Chemical Control | AERO |

Winter Season: Dec 2003 to Feb 2004
Summer Season: July 2004 to Sep 2004

Winter Season: Dec 2003 to Feb 2004

