

| GCM | Original institute | Original institute ID | Ensemble members | | |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------|------------------------|------------------------|
| | | | 2006–2015 | 2106–2115 (+1.5 °C) | 2106–2115 (+2.0 °C) |
| ECHAM6-3-LR | Max Planck Institute for Meteorology, Hamburg, Germany & Deutsche Klimarechenzentrum, Hamburg, Germany | MPI-M | 20 | 20 | 20 |
| MIROC5 | Atmosphere and Ocean Research Institute, University of Tokyo, Chiba, Japan; National Institute for Environmental Studies, Ibaraki, Japan; Japan Agency for Marine-Earth Science and Technology, Kanagawa, Japan | MIROC | 10 | 10 | 10 |
| NorESM1-HAPPI | NorESM climate modeling consortium | NCC | 20 | 20 | 20 |
| CAM4-2degree | ETH, Zurich, Switzerland | ETH | 20 | 20 | 20 |