

Initialized Predictions

We don't try to predict the end of the century, but next month, season, year or decade.

Goals

Running and storing initialized predictions is costly. More often than we might think, we can work with each other's runs and collaborate - if we knew they existed.

List of Simulations

Experiment name	Experiment type	Model	Initialization type	Resolution	Lead	Forecast	Further details	Location on disk	Location on tape	Location of completion simulation (control,ensemble,history)	Contact (name, email)	Related reference paper
CCF2000	control	mpi-2.0.2	historical	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		SASZ thomas@mpimet.mpg.de	Boer et al. 2016 (DOI: 10.1039/C5CP01551A)
mp_ensemble_recon_1850	ensemble	mpi-2.0.2	perfect	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		Alexander Steiner alexander.steiner@mpimet.mpg.de	Stocker et al. 2013 (DOI: 10.5194/gmd-6-197-2013)
mp_ensemble_recon_1850_2006	ensemble	mpi-2.0.2	perfect	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		Alexander Steiner alexander.steiner@mpimet.mpg.de	Stocker et al. 2013 (DOI: 10.5194/gmd-6-197-2013)
mp_ensemble_recon_1850_2006_2010	ensemble	mpi-2.0.2	perfect	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		Alexander Steiner alexander.steiner@mpimet.mpg.de	Stocker et al. 2013 (DOI: 10.5194/gmd-6-197-2013)
mp_ensemble_recon_1850_2006_2010_2015	ensemble	mpi-2.0.2	perfect	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		Alexander Steiner alexander.steiner@mpimet.mpg.de	Stocker et al. 2013 (DOI: 10.5194/gmd-6-197-2013)
mp_ensemble_recon_1850_2006_2010_2015_2020	ensemble	mpi-2.0.2	perfect	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		Alexander Steiner alexander.steiner@mpimet.mpg.de	Stocker et al. 2013 (DOI: 10.5194/gmd-6-197-2013)
mp_ensemble_recon_1850_2006_2010_2015_2020_2025	ensemble	mpi-2.0.2	perfect	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		Alexander Steiner alexander.steiner@mpimet.mpg.de	Stocker et al. 2013 (DOI: 10.5194/gmd-6-197-2013)
mp_ensemble_recon_1850_2006_2010_2015_2020_2025_2030	ensemble	mpi-2.0.2	perfect	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		Alexander Steiner alexander.steiner@mpimet.mpg.de	Stocker et al. 2013 (DOI: 10.5194/gmd-6-197-2013)
mp_ensemble_recon_1850_2006_2010_2015_2020_2025_2030_2035	ensemble	mpi-2.0.2	perfect	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		Alexander Steiner alexander.steiner@mpimet.mpg.de	Stocker et al. 2013 (DOI: 10.5194/gmd-6-197-2013)
mp_ensemble_recon_1850_2006_2010_2015_2020_2025_2030_2035_2040	ensemble	mpi-2.0.2	perfect	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		Alexander Steiner alexander.steiner@mpimet.mpg.de	Stocker et al. 2013 (DOI: 10.5194/gmd-6-197-2013)
mp_ensemble_recon_1850_2006_2010_2015_2020_2025_2030_2035_2040_2045	ensemble	mpi-2.0.2	perfect	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		Alexander Steiner alexander.steiner@mpimet.mpg.de	Stocker et al. 2013 (DOI: 10.5194/gmd-6-197-2013)
mp_ensemble_recon_1850_2006_2010_2015_2020_2025_2030_2035_2040_2045_2050	ensemble	mpi-2.0.2	perfect	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		Alexander Steiner alexander.steiner@mpimet.mpg.de	Stocker et al. 2013 (DOI: 10.5194/gmd-6-197-2013)
mp_ensemble_recon_1850_2006_2010_2015_2020_2025_2030_2035_2040_2045_2050_2055	ensemble	mpi-2.0.2	perfect	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		Alexander Steiner alexander.steiner@mpimet.mpg.de	Stocker et al. 2013 (DOI: 10.5194/gmd-6-197-2013)
mp_ensemble_recon_1850_2006_2010_2015_2020_2025_2030_2035_2040_2045_2050_2055_2060	ensemble	mpi-2.0.2	perfect	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		Alexander Steiner alexander.steiner@mpimet.mpg.de	Stocker et al. 2013 (DOI: 10.5194/gmd-6-197-2013)
mp_ensemble_recon_1850_2006_2010_2015_2020_2025_2030_2035_2040_2045_2050_2055_2060_2065	ensemble	mpi-2.0.2	perfect	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		Alexander Steiner alexander.steiner@mpimet.mpg.de	Stocker et al. 2013 (DOI: 10.5194/gmd-6-197-2013)
mp_ensemble_recon_1850_2006_2010_2015_2020_2025_2030_2035_2040_2045_2050_2055_2060_2065_2070	ensemble	mpi-2.0.2	perfect	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		Alexander Steiner alexander.steiner@mpimet.mpg.de	Stocker et al. 2013 (DOI: 10.5194/gmd-6-197-2013)
mp_ensemble_recon_1850_2006_2010_2015_2020_2025_2030_2035_2040_2045_2050_2055_2060_2065_2070_2075	ensemble	mpi-2.0.2	perfect	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		Alexander Steiner alexander.steiner@mpimet.mpg.de	Stocker et al. 2013 (DOI: 10.5194/gmd-6-197-2013)
mp_ensemble_recon_1850_2006_2010_2015_2020_2025_2030_2035_2040_2045_2050_2055_2060_2065_2070_2075_2080	ensemble	mpi-2.0.2	perfect	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		Alexander Steiner alexander.steiner@mpimet.mpg.de	Stocker et al. 2013 (DOI: 10.5194/gmd-6-197-2013)
mp_ensemble_recon_1850_2006_2010_2015_2020_2025_2030_2035_2040_2045_2050_2055_2060_2065_2070_2075_2080_2085	ensemble	mpi-2.0.2	perfect	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		Alexander Steiner alexander.steiner@mpimet.mpg.de	Stocker et al. 2013 (DOI: 10.5194/gmd-6-197-2013)
mp_ensemble_recon_1850_2006_2010_2015_2020_2025_2030_2035_2040_2045_2050_2055_2060_2065_2070_2075_2080_2085_2090	ensemble	mpi-2.0.2	perfect	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		Alexander Steiner alexander.steiner@mpimet.mpg.de	Stocker et al. 2013 (DOI: 10.5194/gmd-6-197-2013)
mp_ensemble_recon_1850_2006_2010_2015_2020_2025_2030_2035_2040_2045_2050_2055_2060_2065_2070_2075_2080_2085_2090_2095	ensemble	mpi-2.0.2	perfect	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		Alexander Steiner alexander.steiner@mpimet.mpg.de	Stocker et al. 2013 (DOI: 10.5194/gmd-6-197-2013)
mp_ensemble_recon_1850_2006_2010_2015_2020_2025_2030_2035_2040_2045_2050_2055_2060_2065_2070_2075_2080_2085_2090_2095_2100	ensemble	mpi-2.0.2	perfect	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		Alexander Steiner alexander.steiner@mpimet.mpg.de	Stocker et al. 2013 (DOI: 10.5194/gmd-6-197-2013)
mp_ensemble_recon_1850_2006_2010_2015_2020_2025_2030_2035_2040_2045_2050_2055_2060_2065_2070_2075_2080_2085_2090_2095_2100_2105	ensemble	mpi-2.0.2	perfect	256x256	0	120 years	mpi-2.0.2	backh31212CMRFSdataCMRFS	backh31212CMRFSdataCMRFS		Alexander Steiner alexander.steiner@mpimet.mpg.de	Stocker et al. 2013 (DOI: 10.5194/gmd-6-197-2013)

Landmark papers

- Griffies, S. M., & Bryan, K. (1997). A predictability study of simulated North Atlantic multidecadal variability. *Climate Dynamics*, 13(7–8), 459–487. [doi:10/ch4kc4](https://doi.org/10.1007/bf00652651)
- Pohlmann, H., Jungclaus, J. H., Köhl, A., Stammer, D., & Marotzke, J. (2009). Initializing Decadal Climate Predictions with the GECCO Oceanic Synthesis: Effects on the North Atlantic. *Journal of Climate*, 22(14), 3926–3938. [doi:10/cdvhcr](https://doi.org/10.1175/2008JCLI2669)
- Meehl, G. A., Goddard, L., Boer, G., Burgman, R., Branstator, G., Cassou, C., Corti, S., Danabasoglu, G., Doblas-Reyes, F., Hawkins, E., Karspeck, A., Kimoto, M., Kumar, A., Matei, D., Mignot, J., Msadek, R., Navarra, A., Pohlmann, H., Rienecker, M., ... Yeager, S. (2013). Decadal Climate Prediction: An Update from the Trenches. *Bulletin of the American Meteorological Society*, 95(2), 243–267. [doi:10/f3cvw2](https://doi.org/10.1175/BAMS-2012-0016)
- Goddard, L., Kumar, A., Solomon, A., Smith, D., Boer, G., Gonzalez, P., Kharin, V., Merryfield, W., Deser, C., Mason, S. J., Kirtman, B. P., Msadek, R., Sutton, R., Hawkins, E., Fricker, T., Hegerl, G., Ferro, C. a. T., Stephenson, D. B., Meehl, G. A., ... Delworth, T. (2013). A verification framework for interannual-to-decadal predictions experiments. *Climate Dynamics*, 40(1–2), 245–272. [doi:10/f4jjvf](https://doi.org/10.1007/s00382-012-1805-5)
- Marotzke, J., Müller, W. A., Vamborg, F. S. E., Becker, P., Cubasch, U., Feldmann, H., Kaspar, F., Kottmeier, C., Marini, C., Polkova, I., Prömmel, K., Rust, H. W., Stammer, D., Ulbrich, U., Kadow, C., Köhl, A., Kröger, J., Kruschke, T., Pinto, J. G., ... Ziese, M. (2016). MiKlip: A National Research Project on Decadal Climate Prediction. *Bulletin of the American Meteorological Society*, 97(12), 2379–2394. [doi:10/gddfck](https://doi.org/10.1175/BAMS-2015-0126)
- Boer, G. J., Smith, D. M., Cassou, C., Doblas-Reyes, F., Danabasoglu, G., Kirtman, B., Kushnir, Y., Kimoto, M., Meehl, G. A., Msadek, R., Mueller, W. A., Taylor, K. E., Zwiers, F., Rixen, M., Ruprich-Robert, Y., & Eade, R. (2016). The Decadal Climate Prediction Project (DCPP) contribution to

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