2003GL018970-table.ps

Matsumoto et al., Evaluation of ocean carbon cycle models with data-based metrics, GRL, 2004.

Supplemental Materials Table 1: OCMIP-2 Salient model features (after *Dutay et al.* [2002])

	AWI	CSIRO	IGCR	IPSL	LLNL	MIT	MPIM	NERSC	NCAR	PIUB	PRINCE	SOC	UL
Horizontal Resolution (lon x lat)	5ºx4º-2.5ºx2º	5.6ºx3.2º	4ºx4º	2ºx1.5º-0.5º	4ºx2º	2.8ºx2.8º	5ºx5º	2ºx3.2º	3.6ºx1.8º-0.8º	Zonally averaged basin	3.75ºx4.5º	5ºx4º-2.5ºx2º	3ºx3º
Seasonality	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Surface B.C.	Adjusted	T, S seasonal restoring	T, S annual restoring	Flux + restoring	Bulk formula	Flux + restoring	Restoring	Bulk formula	Bulk formula	Coupled to atmospheric EBM	T Restoring, S restoring + flux	Restoring + flux	Bulk formula
Lateral subgrid scale mixing	ISOP	ISOP+GM	HOR	ISOP+GM	ISOP+GM	ISOP+GM	MOR	ISOP	ISOP+GM	HOR	ISOP+GM	ISOP+GM	HOR
Mixed layer				TKE				TKE	KPP			Krauss and Turner	TKE
Sea-ice model					Yes		Yes		S restoring	Brine rejection			Yes
Off/on-line	Off	On	Off	Off	On	On	Off	On	On	On	On	On	On

EBM: Energy Balance Model; AMIP: Atmospheric Intercomparison Project; HOR: Horizontal parameterization; ISOP: Isopycnal parameterization; GM: Gent and McWilliams parameterization; TKE: Turbulent Kinetic Energy closure; KPP: non-local boundary layer parameterization.

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