

Configuration	Experiment / CO2 coupling	Project	Intercomparison (if any)	Experiment name from intercomparison	Future pathway (if any)	Preliminary or final case name (with link to Simulation page if applicable)	Initial condition case name	Initial condition date	Initial simulation year (forcings)	Final simulation year (forcings)	Soil nutrient mechanism	Ocn BGC on	Years of simulation require	Years complete	Years remaining	Priority	Latest completed year	End year
CTC-CN	Spinup	E3SM	N/A	N/A	N/A	20181116_BCRC_CN_1850SPINUP	initialized from CTC-CNP spinup	TBD	1850	1850	CTC-CN	FALSE	100	56	44	1	1905	1950
	BDRD	E3SM	C4MIP / CMIP6 historical	historical	SSP5-8.5	BDRD_CN_20181116_BCRC_CN_1850SPINUP	BDRD_CN_20181116_BCRC_CN_1850SPINUP	TBD	1850	2100	CTC-CN	FALSE	250	0	250	2	1849	2100
	CNTL	E3SM	C4MIP / DECK	piControl	N/A	CNTL_CN_20181116_BCRC_CN_1850SPINUP	CNTL_CN_20181116_BCRC_CN_1850SPINUP	TBD	1850	1850	CTC-CN	FALSE	250	0	250	2	1849	2100
	BDRC	E3SM	C4MIP (Tier 2)	hist-bgc	SSP5-8.5	BDRC_CN_20181116_BCRC_CN_1850SPINUP	BDRC_CN_20181116_BCRC_CN_1850SPINUP	TBD	1850	2100	CTC-CN	FALSE	250	0	250	2	1849	2100
	BCRC	E3SM	N/A	N/A	SSP5-8.5	BCRC_CN_20181116_BCRC_CN_1850SPINUP	BCRC_CN_20181116_BCRC_CN_1850SPINUP	TBD	1850	2100	CTC-CN	FALSE	250	0	250	2	1849	2100
	BCRD	E3SM	N/A	N/A	SSP5-8.5	BCRD_CN_20181116_BCRC_CN_1850SPINUP	BCRD_CN_20181116_BCRC_CN_1850SPINUP	TBD	1850	2100	CTC-CN	FALSE	250	0	250	2	1849	2100
	1% CO2+BDRD	E3SM	C4MIP / DECK	1pctCO2	N/A	BDRD_CN_20181116_BCRC_CN_1850SPINUP	BDRD_CN_20181116_BCRC_CN_1850SPINUP	TBD	1850	1850	CTC-CN	FALSE	140	0	140	2	1849	1990
CTC-CNP	Spinup	E3SM	N/A	N/A	N/A	20181115_BCRC_1850SPINUP	initialized from DECK spinup	TBD	1850	1850	CTC-CNP	TRUE	679	679	0	1	2528	2529
	BDRD	E3SM	C4MIP / CMIP6 historical	historical	SSP5-8.5	BDRD_20181115_BCRC_1850SPINUP	BDRD_20181115_BCRC_1850SPINUP	TBD	1850	2100	CTC-CNP	TRUE	250	156	94	1	2005	2100
	CNTL	E3SM	C4MIP / DECK	piControl	N/A	CNTL_20181115_BCRC_1850SPINUP	CNTL_20181115_BCRC_1850SPINUP	TBD	1850	1850	CTC-CNP	TRUE	250	156	94	1	2005	2100
	BDRC	E3SM	C4MIP (Tier 2)	hist-bgc	SSP5-8.5	BDRC_20181115_BCRC_1850SPINUP	BDRC_20181115_BCRC_1850SPINUP	TBD	1850	2100	CTC-CNP	TRUE	250	156	94	1	2005	2100
	BCRC	E3SM	N/A	N/A	SSP5-8.5	BCRC_20181115_BCRC_1850SPINUP	BCRC_20181115_BCRC_1850SPINUP	TBD	1850	2100	CTC-CNP	TRUE	250	156	94	1	2005	2100
	BCRD	E3SM	N/A	N/A	SSP5-8.5	BCRD_20181115_BCRC_1850SPINUP	BCRD_20181115_BCRC_1850SPINUP	TBD	1850	2100	CTC-CNP	TRUE	250	156	94	2	2005	2100
	1%CO2+BDRC	RUBISCO	C4MIP (Tier 1)	1pctCO2-bgc	N/A	BDRC_RCO2_20181115_BCRC_1850SPINUP	BDRC_RCO2_20181115_BCRC_1850SPINUP	TBD	1850	1850	CTC-CNP	TRUE	140	0	140	1	1849	1990
	1%CO2+BCRD	RUBISCO	C4MIP (Tier 2)	1pctCO2-rad	N/A	BCRD_RCO2_20181115_BCRC_1850SPINUP	BCRD_RCO2_20181115_BCRC_1850SPINUP	TBD	1850	1850	CTC-CNP	TRUE	140	0	140	1	1849	1990
	1%CO2+BDRD	E3SM	C4MIP / DECK	1pctCO2	N/A	BDRD_RCO2_20181115_BCRC_1850SPINUP	BDRD_RCO2_20181115_BCRC_1850SPINUP	TBD	1850	1850	CTC-CNP	TRUE	140	0	140	2	1849	1990
	1%CO2+BDRC+Ndep	RUBISCO	C4MIP (Tier 2)	1pctCO2Ndep-bgc	N/A	BDRD_RCO2_NDep_20181115_BCRC_1850SPINUP	BDRD_RCO2_NDep_20181115_BCRC_1850SPINUP	TBD	1850	1850	CTC-CNP	TRUE	140	0	140	3	1849	1990
	1%CO2+BCRD+Ndep	E3SM	N/A	N/A	N/A	BCRD_RCO2_NDep_20181115_BCRC_1850SPINUP	BCRD_RCO2_NDep_20181115_BCRC_1850SPINUP	TBD	1850	1850	CTC-CNP	TRUE	140	0	140	3	1849	1990
	1%CO2+BDRD+Ndep	E3SM	C4MIP (Tier 2)	1pctCO2Ndep	N/A	BDRD_RCO2_NDep_20181115_BCRC_1850SPINUP	BDRD_RCO2_NDep_20181115_BCRC_1850SPINUP	TBD	1850	1850	CTC-CNP	TRUE	140	0	140	3	1849	1990
	BDRD+8.5ext	E3SM	C4MIP (Tier 2)	ssp585-bgc, ssp585-bgcExt	SSP5-8.5ext	BDRD_8.5ext	BDRD_8.5ext	TBD	2100	2300	CTC-CNP	TRUE	200	0	200	3	2099	2300
	BCRD+8.5ext	RUBISCO	N/A	N/A	SSP5-8.5ext	BCRD_8.5ext	BCRD_8.5ext	TBD	2100	2300	CTC-CNP	TRUE	200	0	200	3	2099	2300
	BDRD+8.5ext	E3SM	C4MIP / ScenarioMIP	ssp585, ssp585ext	SSP5-8.5ext	BDRD_8.5ext	BDRD_8.5ext	TBD	2100	2300	CTC-CNP	TRUE	200	0	200	3	2099	2300
	BDRC+3.4ext - overshoot only	E3SM	C4MIP (Tier 2)	ssp534-over, ssp534-over-ext	SSP5-3.4, SSP5-3.4ext	BDRD_3.4	BDRD_3.4	TBD	2040	2300	CTC-CNP	TRUE	260	0	260	3	2039	2300
	BCRD+3.4ext	RUBISCO	N/A	N/A	SSP5-3.4, SSP5-3.4ext	BCRD_3.4	BCRD_3.4	TBD	2040	2300	CTC-CNP	TRUE	85	0	85	3	2039	2125
	BDRD+3.4ext	E3SM	C4MIP / ScenarioMIP	ssp534-over, ssp534-over-ext	SSP5-3.4, SSP5-3.4ext	BDRD_3.4	BDRD_3.4	TBD	2040	2300	CTC-CNP	TRUE	260	0	260	3	2039	2300
	4xCO2+BCRC	RUBISCO	N/A	N/A	N/A	BCRC_4XCO2_20181115_BCRC_1850SPINUP	BCRC_4XCO2_20181115_BCRC_1850SPINUP	TBD	1850	1850	CTC-CNP	TRUE	150	0	150	3	1849	2000
	4xCO2+BDRC	RUBISCO	N/A	N/A	N/A	BDRC_4XCO2_20181115_BCRC_1850SPINUP	BDRC_4XCO2_20181115_BCRC_1850SPINUP	TBD	1850	1850	CTC-CNP	TRUE	150	0	150	3	1849	2000
	4xCO2+BCRD	RUBISCO	N/A	N/A	N/A	BCRD_4XCO2_20181115_BCRC_1850SPINUP	BCRD_4XCO2_20181115_BCRC_1850SPINUP	TBD	1850	1850	CTC-CNP	TRUE	150	0	150	3	1849	2000
	4xCO2+BDRD	RUBISCO	N/A	N/A	N/A	BDRD_4XCO2_20181115_BCRC_1850SPINUP	BDRD_4XCO2_20181115_BCRC_1850SPINUP	TBD	1850	1850	CTC-CNP	TRUE	150	0	150	3	1849	2000
	LU_Deforestation	RUBISCO	LUMIP	deforest-glob		LU_DEFOREST	LU_DEFOREST	TBD	1850	1850	CTC-CNP	FALSE	80	0	80	3	1849	1930
	Hist_NoLU	RUBISCO	LUMIP	hist_noLu		HIST_NOLU	HIST_NOLU	TBD	1850	2014	CTC-CNP	FALSE	165	0	165	3	1849	2015
	LU_Policy+7.0-2.6LU	RUBISCO	LUMIP	ssp370-ssp126Lu		LU_POLICY_7.0_2.6LU	LU_POLICY_7.0_2.6LU	TBD	2015	2100	CTC-CNP	FALSE	86	0	86	3	2014	2101
	LU_Policy+2.6-7.0LU	RUBISCO	LUMIP	ssp126-ssp370Lu		LU_POLICY_2.6_7.0LU	LU_POLICY_2.6_7.0LU	TBD	2015	2100	CTC-CNP	FALSE	86	0	86	3	2014	2101
CTC+Ocn-EF	Spinup	E3SM	N/A	N/A	N/A	BPRP_SPINUP	initialized from CTC-CNP spinup	TBD	1850	1850	CTC-CNP	TRUE	600	0	600	2	1849	2450
	CNTL	E3SM	C4MIP / DECK	esm-piControl	N/A	BPRP_1850_CNTL	BPRP_SPINUP	TBD	1850	1850	CTC-CNP	TRUE	250	0	250	2	1849	2100
	HIST+8.5	E3SM	CMIP6 historical + C4MIP (Tier 1)	esm-hist, esm-ssp585	SSP5-8.5	BPRP_SPINUP	BPRP_SPINUP	TBD	1850	2100	CTC-CNP	TRUE	250	0	250	2	1849	2100
	LU_Policy+8.5-2.6LU	RUBISCO	LUMIP	esm-ssp585-ssp126Lu		LU_POLICY_8.5_2.6LU	LU_POLICY_8.5_2.6LU	TBD	2015	2100	CTC-CNP	FALSE	86	0	86	3	2014	2101
ECA	Spinup	E3SM	N/A	N/A	N/A	20180729_BGCEXP_BCRC	initialized from DECK spinup	TBD	1850	1850	ECA	FALSE	397	397	0	0	2246	2247
	BDRD	E3SM	C4MIP / CMIP6 historical	historical	SSP5-8.5	BDRD_ECA_20180729_BGCEXP_BCRC_CN	BDRD_ECA_20180729_BGCEXP_BCRC_CN	TBD	1850	2100	ECA	FALSE	250	0	250	1	1849	2100
	CNTL	E3SM	C4MIP / DECK	piControl	N/A	CNTL_ECA_20180729_BGCEXP_BCRC_CN	CNTL_ECA_20180729_BGCEXP_BCRC_CN	TBD	1850	1850	ECA	FALSE	250	0	250	1	1849	2100
	BDRC	E3SM	C4MIP (Tier 2)		SSP5-8.5	BDRC_ECA_20180729_BGCEXP_BCRC_CN	BDRC_ECA_20180729_BGCEXP_BCRC_CN	TBD	1850	2100	ECA	FALSE	250	0	250	1	1849	2100

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	BCRC	E3SM	N/A	N/A	SSP5-8.5	BCRC_ECA	20180729.BGCEXP_BCRC_CN	TBD	1850	2100	ECA	FALSE	250	0	250	1	1849	2100
	BCRD	E3SM	N/A	N/A	SSP5-8.5	BCRD_ECA	20180729.BGCEXP_BCRC_CN	TBD	1850	2100	ECA	FALSE	250	0	250	2	1849	2100
	1%CO2+BDRC	RUBISCO	C4MIP (Tier 1)	1pctCO2-bgc	N/A	BDRD_RCO2_ECA	20180729.BGCEXP_BCRC_CN	TBD	1850	1850	ECA	FALSE	140	0	140	1	1849	1990
	1%CO2+BCRD	RUBISCO	C4MIP (Tier 2)	1pctCO2-rad	N/A	BCRD_RCO2_ECA	20180729.BGCEXP_BCRC_CN	TBD	1850	1850	ECA	FALSE	140	0	140	1	1849	1990
	1%CO2+BDRD	E3SM	C4MIP / DECK	1pctCO2	N/A	BDRD_RCO2_ECA	20180729.BGCEXP_BCRC_CN	TBD	1850	1850	ECA	FALSE	140	0	140	1	1849	1990
	BDRD+8.5ext	E3SM	C4MIP / ScenarioMIP	ssp585, ssp585ext	SSP5-8.5ext	BDRD_8.5ext_ECA	BDRD_ECA	TBD	2100	2300	ECA	FALSE	200	0	200	2	2099	2300
	1%CO2+BDRC+Ndep	RUBISCO	C4MIP (Tier 2)	1pctCO2Ndep-bgc	N/A	BDRD_RCO2_NDep_ECA	20180729.BGCEXP_BCRC_CN	TBD	1850	1850	ECA	FALSE	140	0	140	2	1849	1990
	1%CO2+BCRD+Ndep	E3SM	N/A	N/A	N/A	BCRD_RCO2_NDep_ECA	20180729.BGCEXP_BCRC_CN	TBD	1850	1850	ECA	FALSE	140	0	140	2	1849	1990
	1%CO2+BDRD+Ndep	RUBISCO	C4MIP (Tier 2)	1pctCO2Ndep	N/A	BDRD_RCO2_NDep_ECA	20180729.BGCEXP_BCRC_CN	TBD	1850	1850	ECA	FALSE	140	0	140	2	1849	1990
	BDRD+Ndep+HIST+8.5	E3SM	N/A	N/A	SSP5-8.5	BDRD_NDep_ECA	20180729.BGCEXP_BCRC_CN	TBD	1850	2100	ECA	FALSE	250	0	250	1	1849	2100
	BDRD+3.4ext	E3SM	C4MIP / ScenarioMIP	ssp534-over, ssp534-over-ext	SSP5-3.4, SSP5-3.4ext	BDRD_3.4_ECA	BDRD_ECA	TBD	2040	2300	ECA	FALSE	260	0	260	2	2039	2300
Total SY													10864	1912	8952			