

## Scenario Explorer instructions

From the “Home” page click the “Scenario Explorer” menu option

**Scenario Explorer**    Home   About Scenarios   Consequences   Background   Instructions   Temperature Explorer   Scenario Explorer   What If   About

### Home

We have almost certainly passed the point where greenhouse gas emission reductions alone can prevent very serious consequences from a changing climate (see Figure 1 below and the “About Scenarios” menu option), as the temperature increase will likely be over 2.0°C in 2050 for any realistic emissions pathway. The only way to avoid the very serious consequences appears to be proactively reducing the amount of sunlight reaching the Earth’s surface until such time as sufficient CO2 can be removed from the atmosphere to reduce the temperature increase to 1.5°C or less.

The “Scenario Explorer” has been designed to help people to understand the assumptions that underly the temperature increase projections made by climate scientists so that they can make informed decisions about the climate policies that need to be implemented in order to avoid the likely serious consequences of global warming. It focuses primarily on giving users the ability to discover the amount of sunlight that must be reflected or CO2 that must be removed from the atmosphere to reach a specific temperature goal: the “Temperature Explorer” allows a specific temperature increase goal (initially set to 1.5°C) and calculates the amount of both solar radiation management and carbon dioxide removes to meet that goal, while the “Scenario Explorer” allows for the changing of many of the assumptions that are used to calculate the corresponding temperature increase.

This Website makes extensive use of “tooltips”, which are available whenever there is a “dotted underline” under the text.

There are nine menu options:

Home	This page
About Scenarios	Define a climate scenario, discuss the data item from a scenario which the model uses, shows several of the data items for 18 scenarios, and has graphs showing the temperature increase projections for 51 scenarios that had 2025 data relatively close to expected 2025 values for CO2 emissions, CO2 PPM, and temperature increase. <a href="#">Please review the charts and graphs in this section as they demonstrate why a temperature increase of over 2.0°C is expected in a “mitigation only” scenarios.</a>
Consequences	This page will discuss the consequences of exceeding the 1.5°C temperature increase target for significant period of time
Background	Discusses some of the rationale for the Scenario Explorer
Instructions	Instructions on using this Web site
Temperature Explorer	Allows a specific temperature increase goal (initially set to 1.5°C) and calculates the amount of both solar radiation management and carbon dioxide removes to meet that goal
Scenario Explorer	Allows for the changing of many of the assumptions that are used to calculate the corresponding temperature increase.

The data for the “Moderate” scenario will be automatically loaded.

**Scenario Explorer**    [Click here to view instructions for using the Temperature Explorer](#)

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[Scenario Explorer](#)   [Scenarios](#)   [Scenario List](#)   [Options](#)   [Scenario Summary](#)

**Scenario** ▼  
 Moderate

*Click the 'Scenarios' tab above to view the available scenarios*

Scenario	Items For Display					Items For Input				
	CO2	CO2e	RF	SRM	Cost	CO2	RF	SRM	Cost	
Moderate	<input type="checkbox"/>									

Options:  CDR    Feedbacks    Aggressiveness    Acceleration

Item	Units	Input Values																
		2025	2030	2035	2040	2045	2050	2055	2060	2065	2070	2075	2080	2085	2090	2095	2100	
✓ Anthropogen. CO2	GTCO2	42	45	43	40	35	30	25	20	15	10	5						
✓ Temperature Incr.	°C	1.50	1.65	1.75	1.90	2.01	2.15	2.26	2.35	2.43	2.48	2.54	2.56	2.60	2.60	2.63	2.63	

**Global Net CO2 Emissions (GT CO2)**

**Global SRM Requirement (W/m-2)**

**Global CDR Requirement (GT CO2)**

**Global Temperature Increase (°C)**

You can select another scenario to explore via three options. From the “Scenario” dropdown list (upper left of the page)

Reset

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**Scenario**

Moderate

- 1.5° C (En-ROADS)
- AR6 1.5°C
- AR6 2.0°C
- AR6 2.5°C
- AR6 3.0°C
- AR6 3.5°C
- AR6 4.0°C
- AR6 4.5°C
- AR6 5.0°C
- BAU (En-ROADS)
- Mod CDR 1.5
- Mod SRM 1.5
- Mod Tmp Acc 1.5
- Moderate
- Peak 2025 Zero 2050
- Peak 2025 Zero 2055
- Peak 2025 Zero 2060
- Peak 2025 Zero 2065
- Peak 2030 Zero 2055

Items For Display					Items For Input				
CO2	CO2e	RF	SRM	Cost	CO2	RF	SRM	Cost	
<input type="checkbox"/>									

**Options:**  CDR  Feedbacks  Aggressiveness  Acceleration

Units	Input Values															
	2025	2030	2035	2040	2045	2050	2055	2060	2065	2070	2075	2080	2085	2090	2095	2100
GTCO2	42	45	43	40	35	30	25	20	15	10	5					
°C	1.50	1.65	1.75	1.90	2.01	2.15	2.26	2.35	2.43	2.48	2.54	2.56	2.60	2.60	2.63	2.63

**Emissions (GT CO2)**

**Global SRM Requirement (W/m-2)**

**Global CDR Requirement (GT CO2)**

**Global Temperature Increase (°C)**

By clicking the “Scenarios” tab and clicking a radio button. Many of the scenarios have “tool tips” (look for the “dashed underlines” under the scenario names).

## Scenario Explorer

[Click here to view instructions for using the Temperature Explorer](#)

Scenario Explorer
Scenarios
Scenario List
Options
Scenario Summary

**Select a Scenario To Explore and go to the 'Scenario Explorer' tab**

Shared Socioeconomic Pathways (SSPs)				Simplified Net-Zero Emission Scenarios						
<input type="radio"/> <a href="#">SSP1-19</a>	<input type="radio"/> <a href="#">SSP1-26</a>	<input type="radio"/> <a href="#">SSP2-45</a>	<input type="radio"/> <a href="#">SSP3-Baseline</a>	Peak Year of CO2 Emissions						
<input type="radio"/> <a href="#">SSP4-34</a>	<input type="radio"/> <a href="#">SSP4-60</a>	<input type="radio"/> <a href="#">SSP5-34</a>	<input type="radio"/> <a href="#">SSP5-Baseline</a>	# Years	2025	2030	2035	2040	2045	2050
<p style="text-align: center; margin: 0;"><b>Other Scenarios</b></p> <input type="radio"/> <a href="#">1.5° C (En-ROADS)</a> <input type="radio"/> <a href="#">AR6 1.5°C</a> <input type="radio"/> <a href="#">AR6 2.0°C</a> <input type="radio"/> <a href="#">AR6 2.5°C</a> <input type="radio"/> <a href="#">AR6 3.0°C</a> <input type="radio"/> <a href="#">AR6 3.5°C</a> <input type="radio"/> <a href="#">AR6 4.0°C</a> <input type="radio"/> <a href="#">AR6 4.5°C</a> <input type="radio"/> <a href="#">AR6 5.0°C</a> <input type="radio"/> <a href="#">BAU (En-ROADS)</a> <input type="radio"/> <a href="#">Mod CDR 1.5</a> <input type="radio"/> <a href="#">Mod SRM 1.5</a> <input type="radio"/> <a href="#">Mod Tmp Acc 1.5</a> <input checked="" type="radio"/> <a href="#">Moderate</a>				25	<input type="checkbox"/>					
				30	<input type="checkbox"/>					
				35	<input type="checkbox"/>					
				40	<input type="checkbox"/>					

By clicking the “Scenario List” tab and clicking a radio button. Note that this tab provides information about the various scenarios to assist you with your exploration.

**Scenario Explorer** [Click here to view instructions for using the Temperature Explorer](#)

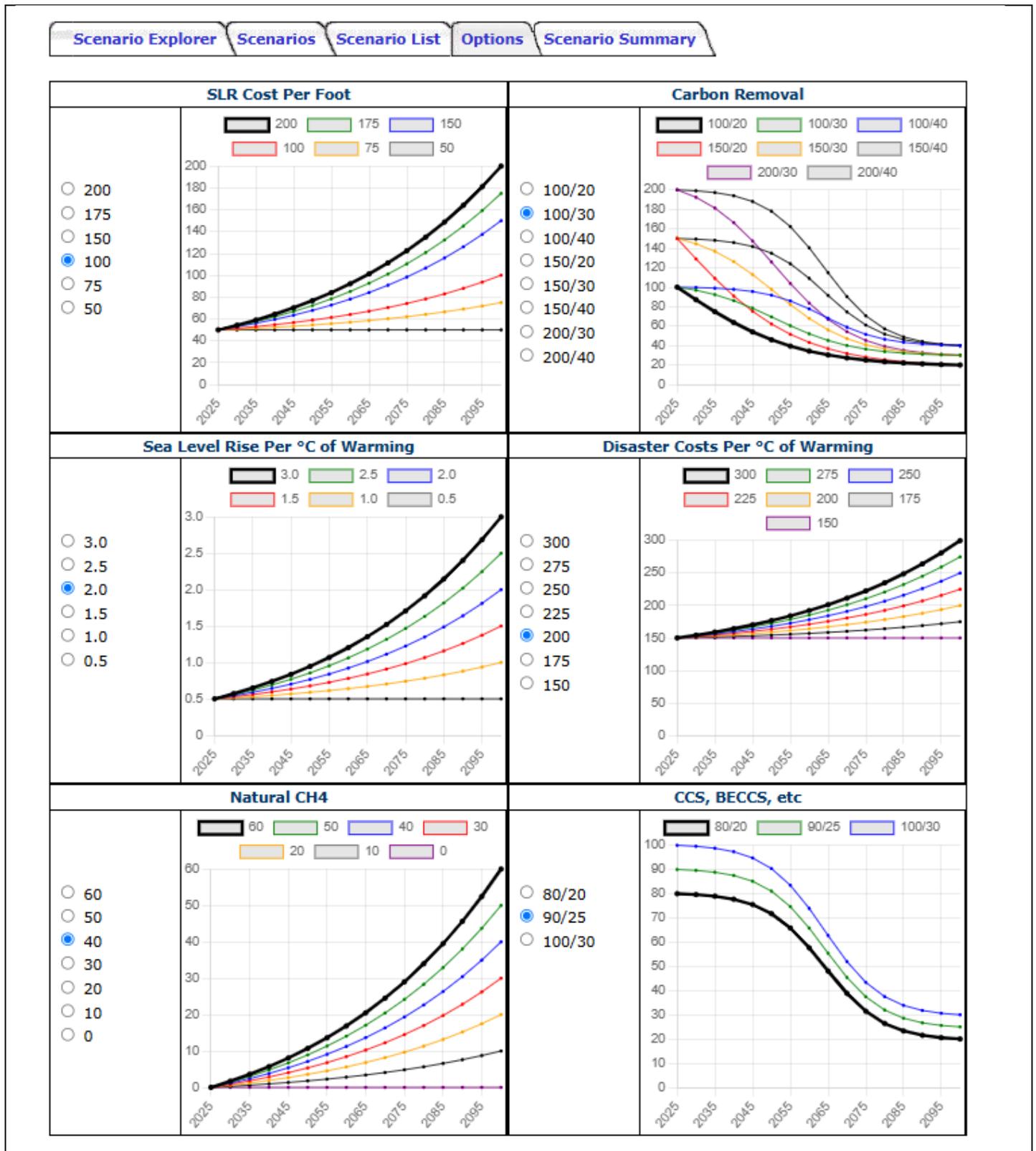
Scenario Explorer | Scenarios | **Scenario List** | Options | Scenario Summary

(Total CO2 emissions were about 41.6 GtCO2 in 2024 were about and are not expected to change much in 2025. In 2025 the atmospheric concentration of CO2 is expected to hit about 427 PPM and the average global temperature increase will likely be at least 1.5°C. Keet this in mind when reviewing any of these scenarios.)

Select a Scenario To Explore and go to the 'Scenario Explorer' tab

Scenario	2025			2050								2100									
	Anthro	CO2 PPM	Temp incr	CO2 Emissions								CO2 Emissions									
				Anthro	CCS	DAC	Feed-backs	Net CO2	CO2 PPM	Cum CO2	Total RF	Temp Incr	Anthro	CCS	DAC	Feed-backs	Net CO2	CO2 PPM	Cum CO2	Total RF	Temp Incr
<input type="radio"/> 1.5° C (En-ROADS)	44	426	1.51	20	0.0	-15.0	6.8	12	431	718	3.55	1.85	2	0.0	-16.0	10.4	-4	364	773	2.49	1.47
<input type="radio"/> AR6 1.5°C	28	422	1.37	15	-12.9	0.0	0.6	2	429	333	3.05	1.60	9	-16.9	0.0	0.4	-8	391	120	2.44	1.43
<input type="radio"/> AR6 2.0°C	36	427	1.37	25	-10.1	0.0	0.7	16	467	710	3.56	1.79	13	-20.4	0.0	0.7	-7	445	811	3.27	1.89
<input type="radio"/> AR6 2.5°C	38	428	1.38	35	-4.1	0.0	0.8	31	487	918	3.88	1.91	17	-16.0	0.0	1.0	2	516	1677	4.11	2.34
<input type="radio"/> AR6 3.0°C	37	426	1.38	37	-0.7	0.0	0.8	37	490	977	4.01	1.97	32	-4.6	0.0	1.3	29	604	2682	5.29	2.94
<input type="radio"/> AR6 3.5°C	43	429	1.38	50	-2.3	0.0	0.9	49	515	1216	4.26	2.03	52	-7.7	0.0	1.8	46	693	3634	6.25	3.40
<input type="radio"/> AR6 4.0°C	44	430	1.38	53	-0.6	0.0	0.9	53	522	1283	4.51	2.13	63	-0.5	0.0	2.3	65	758	4253	7.20	3.86
<input type="radio"/> AR6 4.5°C	47	431	1.37	64	-0.4	0.0	1.0	64	537	1460	4.70	2.18	86	-0.3	0.0	2.8	88	860	5316	8.08	4.21
<input type="radio"/> AR6 5.0°C	48	430	1.39	75	-0.6	0.0	1.1	75	551	1598	4.95	2.26	108	-0.4	0.0	3.5	111	970	6349	8.88	4.49
<input type="radio"/> BAU (En-ROADS)	44	426	1.49	47	0.0	0.0	12.2	59	535	1407	4.84	2.25	50	0.0	0.0	26.6	77	889	4831	8.35	4.32
<input type="radio"/> Mod CDR 1.5	42	426	1.51	30	0.0	-3.0	6.5	34	490	1176	4.18	2.05	5	0.0	-34.0	9.5	-19	372	536	2.48	1.46
<input type="radio"/> Mod SRM 1.5	42	426	1.51	30	0.0	0.0	3.3	33	485	1144	4.09	2.01	5	0.0	0.0	0.0	5	449	1789	3.33	1.93
<input type="radio"/> Mod Tmp Acc 1.5	42	426	1.60	30	0.0	-3.0	5.6	33	488	1165	4.32	2.12	5	0.0	-50.0	6.9	-38	318	-110	1.81	1.08
<input checked="" type="radio"/> Moderate	42	426	1.50	30	0.0	0.0	9.0	39	497	1215	4.41	2.15	5	0.0	0.0	17.0	22	504	2428	4.62	2.63
<input type="radio"/> SSP1-19	29	425	1.38	9	-6.0	0.0	2.2	5	434	397	3.03	1.58	-1	-10.0	0.0	1.5	-10	392	246	2.22	1.30
<input type="radio"/> SSP1-26	34	425	1.37	21	-5.3	0.0	2.5	18	459	675	3.44	1.74	7	-12.2	0.0	2.3	-3	445	979	3.02	1.75
<input type="radio"/> SSP2-45	45	429	1.36	40	-3.7	0.0	3.1	40	505	1179	4.18	2.02	29	-19.7	0.0	4.3	13	553	2351	4.72	2.66
<input type="radio"/> SSP3-Baseline	51	432	1.36	66	-1.4	0.0	3.6	68	542	1565	4.68	2.16	87	-1.1	0.0	10.6	96	859	5657	8.15	4.25
<input type="radio"/> SSP4-34	42	429	1.36	33	-8.4	0.0	2.7	27	481	921	3.69	1.83	15	-19.5	0.0	3.1	-2	487	1582	3.83	2.15
<input type="radio"/> SSP4-60	44	429	1.37	51	-2.2	0.0	3.4	52	519	1289	4.45	2.11	26	-5.4	0.0	7.0	28	661	3487	6.39	3.51
<input type="radio"/> SSP5-34	44	429	1.38	43	-20.7	0.0	3.1	26	492	1021	4.02	1.97	34	-37.8	0.0	3.4	-1	492	1586	3.95	2.24
<input type="radio"/> SSP5-Baseline	50	431	1.38	80	-1.1	0.0	4.1	83	560	1717	5.10	2.30	110	-0.7	0.0	13.5	123	1002	6998	9.12	4.51

Click on the “Options” tab to view and/or change the values that the model uses to calculate the cost. For example, for “Carbon Removal” costs for removing CO2 from the atmosphere, the model defaults to a value of \$100/ton in 2025 and \$30/ton in 2100. Costs are currently significantly higher right now, but there is hardly any removal. The Department of Energy is hoping that costs can be reduced to \$100/ton by 2030. (NOTE: Expert opinion on costs is needed here!)



Click on the “Scenario Summary” tab to see a summary of the calculations. This can be used to validate the model’s calculations.

Scenario Explorer   Scenarios   Scenario List   Options   Scenario Summary																	
Item	Units	Values															
		2025	2030	2035	2040	2045	2050	2055	2060	2065	2070	2075	2080	2085	2090	2095	2100
Anthropogen. CO2	GtCO2	42	45	43	40	35	30	25	20	15	10	5	5	5	5	5	5
Carbon Rmvs (Scen)	GtCO2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CCS, BECCS, etc.	GtCO2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feedbacks	GtCO2	5.0	5.8	6.6	7.4	8.2	9.0	9.8	10.6	11.4	12.2	13.0	13.8	14.6	15.4	16.2	17.0
Total Net CO2	GtCO2	47	51	49	47	43	39	35	31	26	22	18	19	20	20	21	22
CO2 PPM	PPM	426	444	461	476	488	497	504	508	510	510	508	507	506	505	504	504
CO2	W/m-2	2.35	2.57	2.77	2.96	3.10	3.21	3.28	3.33	3.35	3.35	3.33	3.32	3.30	3.29	3.29	3.29
CH4	W/m-2	0.58	0.60	0.60	0.60	0.60	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.60	0.60	0.59
N2O	W/m-2	0.22	0.23	0.25	0.26	0.27	0.28	0.29	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38
Total Other GHGs	W/m-2	1.19	1.19	1.10	1.11	1.06	1.05	1.02	0.99	0.97	0.93	0.94	0.88	0.90	0.85	0.87	0.86
Aerosol	W/m-2	-1.0	-0.9	-0.9	-0.8	-0.8	-0.7	-0.7	-0.7	-0.7	-0.6	-0.6	-0.6	-0.6	-0.5	-0.5	-0.5
Albedo	W/m-2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	W/m-2	3.34	3.66	3.86	4.11	4.26	4.41	4.51	4.56	4.60	4.59	4.62	4.57	4.61	4.58	4.61	4.62
Temperature Incr.	°C	1.50	1.65	1.75	1.90	2.01	2.15	2.26	2.35	2.43	2.48	2.54	2.56	2.60	2.60	2.63	2.63
Solar Rad. Mgt.	W/m-2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temp Incr (SRM)	°C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Carbon Removal	\$B/Yr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sea Level Rise Costs	\$B/Yr	38	46	55	67	80	97	116	139	165	195	231	270	321	376	447	526
CCS, BECCS, etc	\$B/Yr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Disaster Costs	\$B/Yr	226	249	268	294	315	341	364	385	406	423	443	456	477	490	510	526
Total Costs	\$B/Yr	263	295	323	361	395	438	480	523	571	617	674	726	798	866	957	1053

The model provides multiple ways to change some of the underlying assumptions that are used in the calculations. Click on the checkboxes to the left of the “Options:” text to make the desired changes.

**Options:**  CDR    Feedbacks    Aggressiveness    Acceleration

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**Feedback Emissions in 2100** 7.0 GtCO2/°C

**'Aggressiveness' For Mitigation (Default: 5 )**

<b>For All</b> <input type="range"/> (1-10)	
<b>CH4</b> <input type="range"/> (1-10)	<b>N2O</b> <input type="range"/> (1-10)
<b>Other</b> <input type="range"/> (1-10)	<b>Aerosols</b> <input type="range"/> (1-10)

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**Adjustment For Temperature Acceleration**

**Albedo Change in 2023**  0.00 W/m-2

**Albedo Increase Per Decade**  0.00 W/m-2

**Temperature Increase Per Decade**  0.26 °C

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**Carbon Dioxide Removal (CDR)**

**Start Year**  2045   **Peak Year**  2075

There are over 100 “data elements” that can be viewed. Check one or more of the checkboxes under the “Items For Display” text to view the corresponding data items.

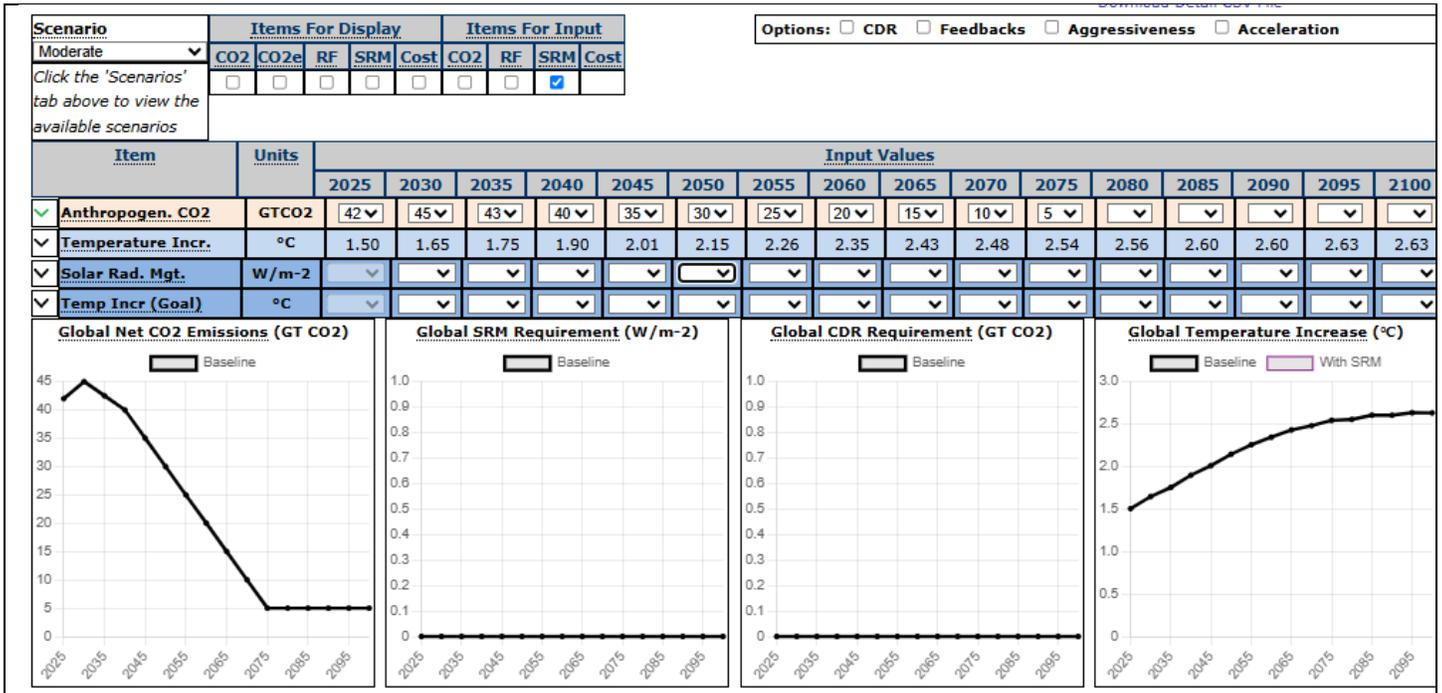
[Download Detail CSV File](#)

Scenario	Items For Display								Items For Input								Options: <input type="checkbox"/> CDR <input type="checkbox"/> Feedbacks <input type="checkbox"/> Aggressiveness <input type="checkbox"/> Acceleration			
Moderate	CO2	CO2e	RF	SRM	Cost	CO2	RF	SRM	Cost	CO2	RF	SRM	Cost							
Click the 'Scenarios' tab above to view the available scenarios																				
Item	Units	Input Values																		
		2025	2030	2035	2040	2045	2050	2055	2060	2065	2070	2075	2080	2085	2090	2095	2100			
Anthropogen. CO2	GtCO2	42	45	43	40	35	30	25	20	15	10	5								
Anthropogen. CO2	GtCO2	42	45	43	40	35	30	25	20	15	10	5	5	5	5	5	5			
Carbon Rmvs (Scen)	GtCO2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
CCS, BECCS, etc.	GtCO2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Feedbacks	GtCO2	5.0	5.8	6.6	7.4	8.2	9.0	9.8	10.6	11.4	12.2	13.0	13.8	14.6	15.4	16.2	17.0			
Total Net CO2	GtCO2	47	51	49	47	43	39	35	31	26	22	18	19	20	20	21	22			
Cum Anthro. CO2	GtCO2	42	260	478	685	872	1035	1172	1285	1372	1435	1472	1497	1522	1547	1572	1597			
Cum Feedback CO2	GtCO2	5	32	63	98	137	180	227	278	333	392	455	522	594	669	748	831			
Cum Carb Rem CO2	GtCO2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Cumulative CO2	GtCO2	47	292	541	783	1009	1215	1399	1563	1705	1827	1927	2019	2116	2216	2320	2428			
Airborne Fraction	Percent	45	55	53	50	44	37	30	21	11	0	0	0	0	0	0	0			
Ocean & Land Sink	GtCO2	25.85	22.79	23.22	23.59	24.25	24.56	24.52	24.13	23.38	22.29	20.84	21.14	21.43	21.71	21.97	22.23			
CO2 To Atmosph	GtCO2	21.15	28.01	25.88	23.82	18.95	14.44	10.29	6.48	3.03	-0.07	-2.82	-2.32	-1.81	-1.29	-0.75	-0.20			
PPM Added /Yr	PPM	2.71	3.59	3.31	3.05	2.43	1.85	1.32	0.83	0.39	-0.01	-0.36	-0.30	-0.23	-0.17	-0.10	-0.03			
CO2 PPM	PPM	426	444	461	476	488	497	504	508	510	510	508	507	506	505	504	504			
Natural CH4	TG	0	1	2	4	5	7	9	11	14	16	19	23	26	30	35	40			
Temp/RF Ratio		0.45	0.45	0.45	0.46	0.47	0.49	0.50	0.51	0.53	0.54	0.55	0.56	0.57	0.57	0.57	0.57			
Temperature Incr.	°C	1.50	1.65	1.75	1.90	2.01	2.15	2.26	2.35	2.43	2.48	2.54	2.56	2.60	2.60	2.63	2.63			

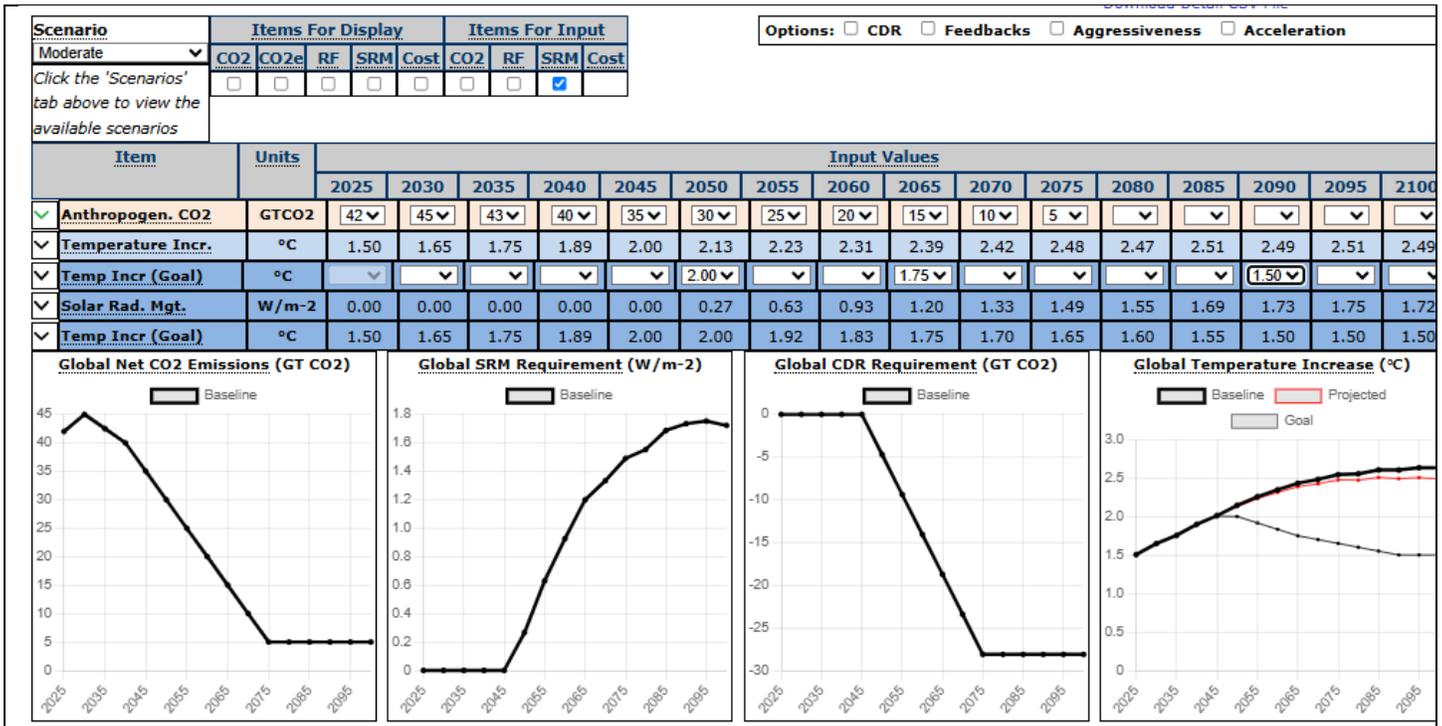
Click on the “Down Arrow” to the left of the data item to view additional information about the item. If the “Down Arrow” is green the additional information will include graphs

Item	Units	Input Values																
		2025	2030	2035	2040	2045	2050	2055	2060	2065	2070	2075	2080	2085	2090	2095	2100	
Anthropogen. CO2	GtCO2	42	45	43	40	35	30	25	20	15	10	5						
Anthropogen. CO2	GtCO2	42	45	43	40	35	30	25	20	15	10	5	5	5	5	5	5	
<ul style="list-style-type: none"> <li>Anthropogenic (human caused) CO2 emissions, including those from the burning of fossil fuels, manufacturing cement, and land use changes</li> <li>User can enter values</li> </ul>																		
<p>This graph compares the projected value (heavy black line) to the range of values from some of the SSPs.</p> <p><b>Anthropogen. CO2</b></p>									<p>This graph compares the projected value (heavy black line) to other 2050 scenarios.</p> <p><b>Anthropogen. CO2</b></p>									
Carbon Rmvs (Scen)	GtCO2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CCS, BECCS, etc.	GtCO2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Feedbacks	GtCO2	5.0	5.8	6.6	7.4	8.2	9.0	9.8	10.6	11.4	12.2	13.0	13.8	14.6	15.4	16.2	17.0	
Total Net CO2	GtCO2	47	51	49	47	43	39	35	31	26	22	18	19	20	20	21	22	
Cum Anthro. CO2	GtCO2	42	260	478	685	872	1035	1172	1285	1372	1435	1472	1497	1522	1547	1572	1597	
Cum Feedback CO2	GtCO2	5	32	63	98	137	180	227	278	333	392	455	522	594	669	748	831	
Cum Carb Rem CO2	GtCO2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cumulative CO2	GtCO2	47	292	541	783	1009	1215	1399	1563	1705	1827	1927	2019	2116	2216	2320	2428	

There are about 11 “data elements” that whose values can be changed. Check one or more of the checkboxes under the “Items For Input” text to view the dropdown lists for corresponding data items.



When values for the “Temp. Incr” items are changed, the model will calculate the global CO2 removal requirement and the corresponding SRM requirement.



When values for the “Solar Rad. Mgt.” items are changed, the model will calculate the global CO2 removal requirement and the corresponding temperature increase. You can use this feature to determine the amount of SRM needed to reach a specific temperature goal based on the corresponding scenario’s emissions pathway.

Scenario	Items For Display				Items For Input				Options: <input type="checkbox"/> CDR <input type="checkbox"/> Feedbacks <input type="checkbox"/> Aggressiveness <input type="checkbox"/> Acceleration										
Moderate	CO2	CO2e	RF	SRM	Cost	CO2	RF	SRM	Cost										
Click the 'Scenarios' tab above to view the available scenarios	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>																
Item	Units	Input Values																	
		2025	2030	2035	2040	2045	2050	2055	2060	2065	2070	2075	2080	2085	2090	2095	2100		
✓ Anthropogen. CO2	GTCO2	42	45	43	40	35	30	25	20	15	10	5							
✓ Temperature Incr.	°C	1.50	1.65	1.75	1.89	2.00	2.13	2.23	2.31	2.39	2.43	2.48	2.47	2.51	2.49	2.51	2.49		
✓ Solar Rad. Mgt.	W/m-2		0.30	0.60	0.80			1.30											
✓ Solar Rad. Mgt.	W/m-2	0.00	0.30	0.60	0.80	0.97	1.13	1.30	1.43	1.57	1.70	1.70	1.70	1.70	1.70	1.70	1.70		
✓ Temp Incr (SRM)	°C	1.50	1.51	1.48	1.52	1.54	1.58	1.58	1.57	1.56	1.50	1.54	1.52	1.54	1.52	1.53	1.52		

Year	Baseline
2025	42
2035	40
2045	35
2055	25
2065	15
2075	5
2085	5
2095	5

Year	Baseline
2025	0.00
2035	0.30
2045	0.60
2055	0.97
2065	1.13
2075	1.30
2085	1.43
2095	1.57
2100	1.70

Year	Baseline
2025	0
2035	0
2045	0
2055	0
2065	0
2075	0
2085	0
2095	0
2100	0

Year	Baseline	Projected	With SRM
2025	1.50	1.50	1.50
2035	1.65	1.65	1.51
2045	1.75	1.75	1.48
2055	1.89	1.89	1.52
2065	2.00	2.00	1.54
2075	2.13	2.13	1.58
2085	2.23	2.23	1.58
2095	2.31	2.31	1.57
2100	2.39	2.39	1.56