

## AGEDI's Local, National, and Regional Climate Change Programme List of desalination modeling experiments for the Arabian Gulf

Experiment type	Experiment brief description	Brine discharge (tonnes/s)	Name
<b>With No Desalination</b>	No saline rivers Early 21 <sup>st</sup> Century Run: historical	0	Early 21 <sup>st</sup>
	No saline rivers Mid 21 <sup>st</sup> Century Run: RCP8.5	0	Mid 21 <sup>st</sup>
<b>With Desalination</b>	Early 21 <sup>st</sup> Century Run + saline rivers	50	Validation
	Mid 21 <sup>st</sup> Century + saline rivers	50	Reference
	Mid 21 <sup>st</sup> Century Run + saline rivers	80	Low saline
	Mid 21 <sup>st</sup> Century Run+ saline rivers	120	Medium saline
	Mid 21 <sup>st</sup> Century Run+ saline rivers	220	High saline