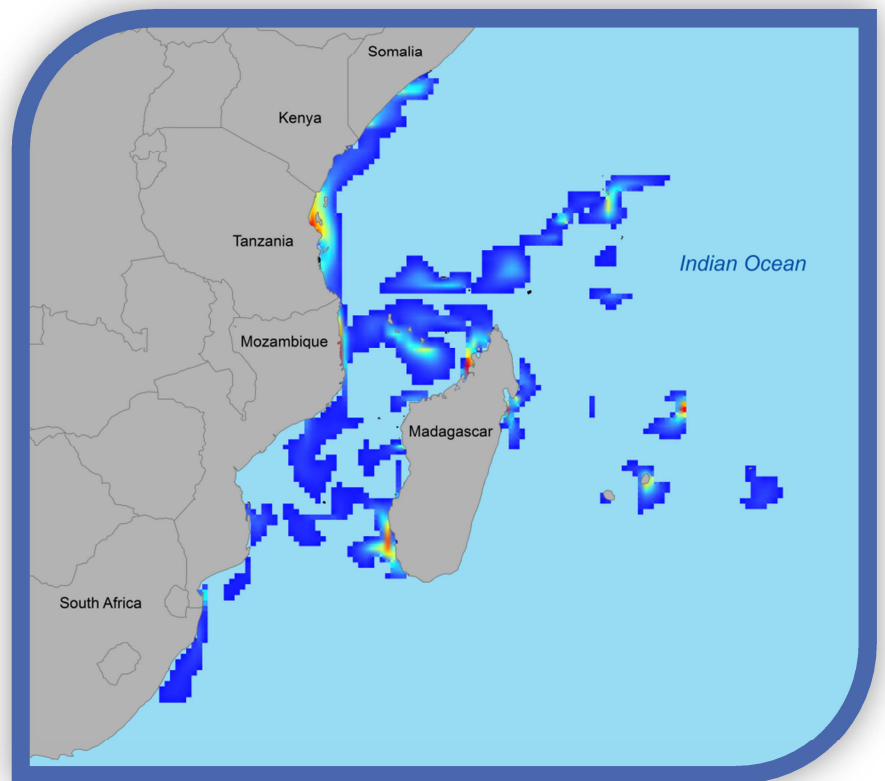


Appendices



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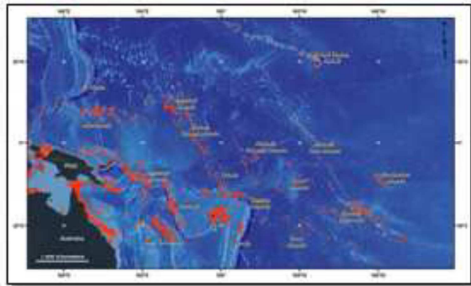
Appendix A: Coral reef connectivity simulation tool 2

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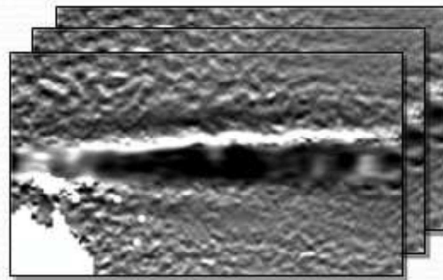


Appendix A: Coral reef connectivity simulation tool

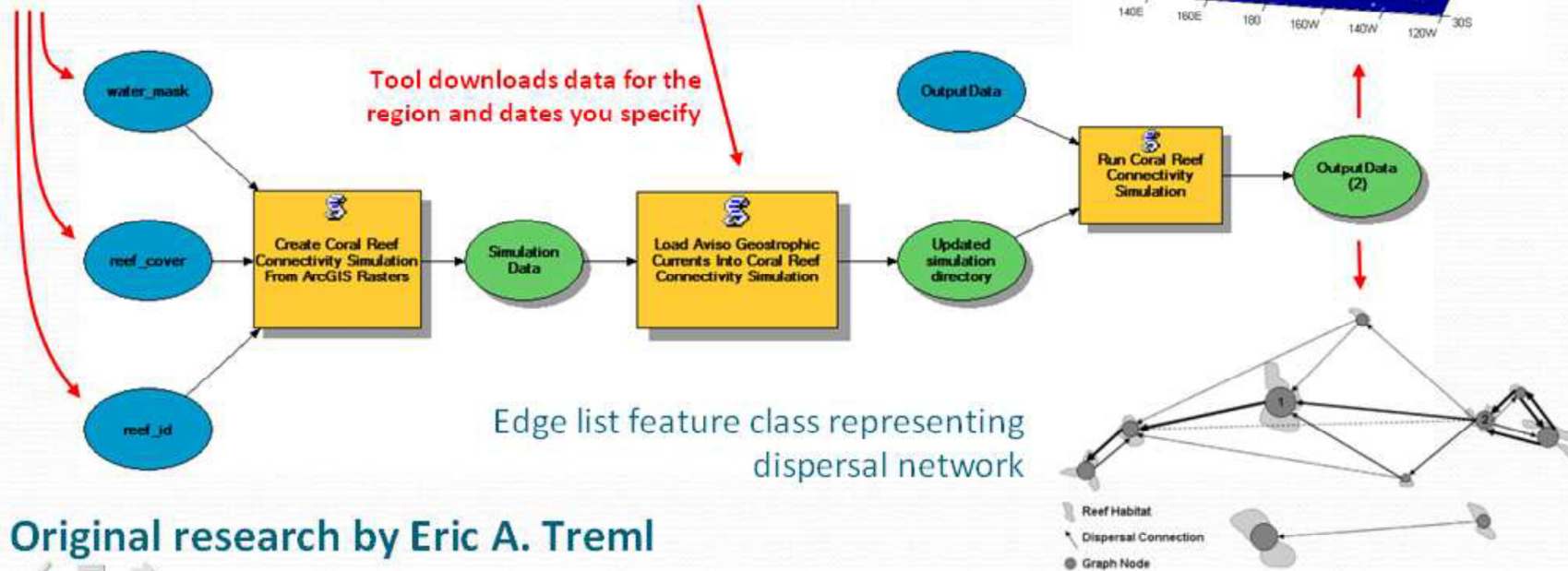
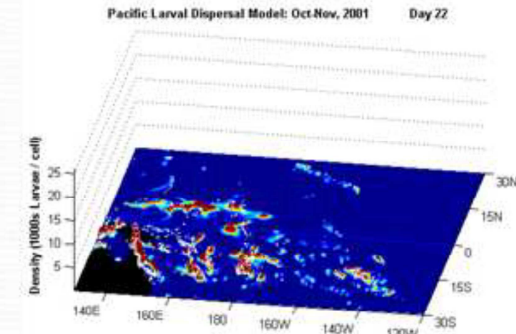
Coral reef ID and % cover maps



Ocean currents data



Larval density time series rasters



Original research by Eric A. Trembl

Appendix B: New moon and larval release dates

2008

New Moon	PLD -10 days	PLD -20 days	PLD -30 days	PLD -40 days	PLD -50 days
08/01/2008	29/12/2007	19/12/2007	09/12/2007	29/11/2007	19/11/2007
07/02/2008	28/01/2008	18/01/2008	08/01/2008	29/12/2007	19/12/2007
07/03/2008	26/02/2008	16/02/2008	06/02/2008	27/01/2008	17/01/2008
06/04/2008	27/03/2008	17/03/2008	07/03/2008	26/02/2008	16/02/2008
05/05/2008	25/04/2008	15/04/2008	05/04/2008	26/03/2008	16/03/2008
03/06/2008	24/05/2008	14/05/2008	04/05/2008	24/04/2008	14/04/2008
03/07/2008	23/06/2008	13/06/2008	03/06/2008	24/05/2008	14/05/2008
01/08/2008	22/07/2008	12/07/2008	02/07/2008	22/06/2008	12/06/2008
30/08/2008	20/08/2008	10/08/2008	31/07/2008	21/07/2008	11/07/2008
29/09/2008	19/09/2008	09/09/2008	30/08/2008	20/08/2008	10/08/2008
28/10/2008	18/10/2008	08/10/2008	28/09/2008	18/09/2008	08/09/2008
27/11/2008	17/11/2008	07/11/2008	28/10/2008	18/10/2008	08/10/2008
27/12/2008	17/12/2008	07/12/2008	27/11/2008	17/11/2008	07/11/2008

2009

New Moon	PLD -10 days	PLD -20 days	PLD -30 days	PLD -40 days	PLD -50 days
26/01/2009	16/01/2009	06/01/2009	27/12/2008	17/12/2008	07/12/2008
25/02/2009	15/02/2009	05/02/2009	26/01/2009	16/01/2009	06/01/2009
26/03/2009	16/03/2009	06/03/2009	24/02/2009	14/02/2009	04/02/2009
25/04/2009	15/04/2009	05/04/2009	26/03/2009	16/03/2009	06/03/2009
24/05/2009	14/05/2009	04/05/2009	24/04/2009	14/04/2009	04/04/2009
22/06/2009	12/06/2009	02/06/2009	23/05/2009	13/05/2009	03/05/2009
22/07/2009	12/07/2009	02/07/2009	22/06/2009	12/06/2009	02/06/2009
20/08/2009	10/08/2009	31/07/2009	21/07/2009	11/07/2009	01/07/2009
18/09/2009	08/09/2009	29/08/2009	19/08/2009	09/08/2009	30/07/2009
18/10/2009	08/10/2009	28/09/2009	18/09/2009	08/09/2009	29/08/2009
16/11/2009	06/11/2009	27/10/2009	17/10/2009	07/10/2009	27/09/2009
16/12/2009	06/12/2009	26/11/2009	16/11/2009	06/11/2009	27/10/2009

2010

New Moon	PLD -10 days	PLD -20 days	PLD -30 days	PLD -40 days	PLD -50 days
15/01/2010	05/01/2010	26/12/2009	16/12/2009	06/12/2009	26/11/2009
14/02/2010	04/02/2010	25/01/2010	15/01/2010	05/01/2010	26/12/2009
15/03/2010	05/03/2010	23/02/2010	13/02/2010	03/02/2010	24/01/2010
14/04/2010	04/04/2010	25/03/2010	15/03/2010	05/03/2010	23/02/2010
14/05/2010	04/05/2010	24/04/2010	14/04/2010	04/04/2010	25/03/2010
12/06/2010	02/06/2010	23/05/2010	13/05/2010	03/05/2010	23/04/2010
11/07/2010	01/07/2010	21/06/2010	11/06/2010	01/06/2010	22/05/2010
10/08/2010	31/07/2010	21/07/2010	11/07/2010	01/07/2010	21/06/2010
08/09/2010	29/08/2010	19/08/2010	09/08/2010	30/07/2010	20/07/2010
07/10/2010	27/09/2010	17/09/2010	07/09/2010	28/08/2010	18/08/2010
06/11/2010	27/10/2010	17/10/2010	07/10/2010	27/09/2010	17/09/2010
05/12/2010	25/11/2010	15/11/2010	05/11/2010	26/10/2010	16/10/2010