

Original artwork by <http://suicidebysafetypin.deviantart.com>

# TEDx

## Southampton University 2014

x = independently organized TED event

*flourishing* in the 21<sup>st</sup> Century





[www.tedxsouthamptonuniversity.com](http://www.tedxsouthamptonuniversity.com)

**TED<sup>x</sup>**

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# Global Challenges

## UOSM2010 2014

# Time Machine

Module leader  
James Dyke [jd4@ecs.soton](mailto:jd4@ecs.soton)

Module webpage  
[www.gc.soton.ac.uk](http://www.gc.soton.ac.uk)

### Global Challenges (UOSM2010) Course Schedule 2014

		Tuesday 12:00-13:00	Friday 09:00-11:00	Guest Lecturer	Assessments	Reading
1	27/1/14	Welcome & Introduction	The Global Challenges			Millennium Project
2	3/2/14	Systems Primer	Assessments Workshop			6 Hats
3	10/2/14	Planetary Boundaries	Climate Change Workshop	John Shepherd		<u>Beddington</u>
4	17/2/14		Governance Workshop	Claire Saunders		<u>Ostrum</u>
5	24/2/14	Coursework Lab	Population Workshop	Jane Falkingham	Report 1	<u>Erlich</u>
6	3/3/14	Doughnut workshop	Energy Workshop	Gail Taylor		Conversation
7	10/3/14	Assessments & Food Workshop	Biodiversity Workshop	Guy Poppy Felix Eigenbrod		Wilson
8	17/3/14	Peak Phosphorus	Time Machine Workshop	Wendy Hall		Burke
9	24/3/14	Coursework Lab	Giving a Talk Workshop		Report 2	Wilson
10	28/4/13	Coursework Lab	GC Conference		Posters	WHO
11	5/5/13	GC Conference	GC Conference			
12	12/5/13	GC Conference	We Choose the Earth			Jackson

# Global Challenges

I cannot grant individual extensions

However, course clashes can be discussed *with* your personal tutor



Move deadline from  
Friday 28th March  
to Monday 31st March?

# Thinking in Systems Quiz

- 1 Why are world leaders pushing on the wrong lever with growth?
- 2 When can parameters become leverage points?
- 3 Why are buffers important?
- 4 Explain the “success to the successful” trap

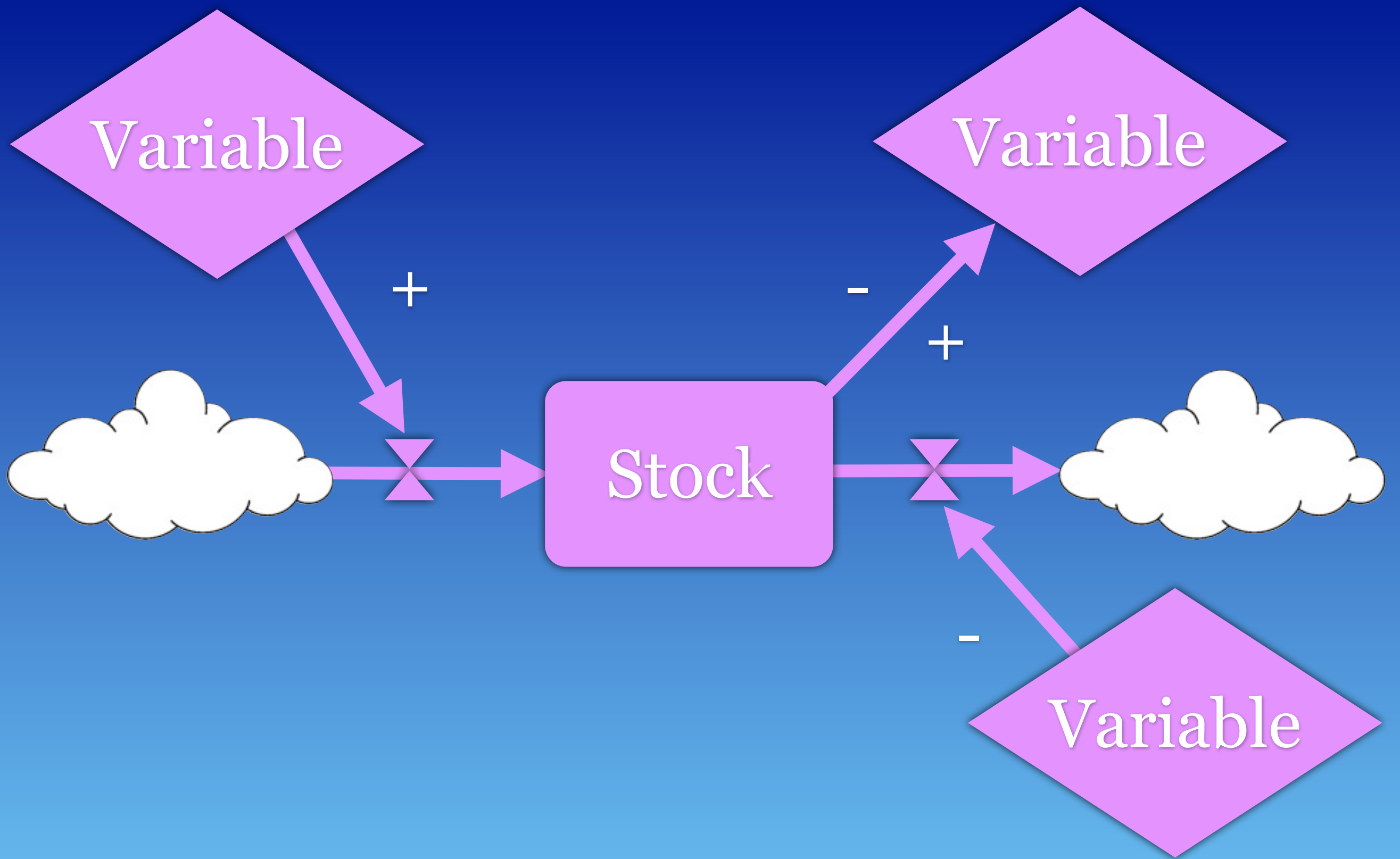


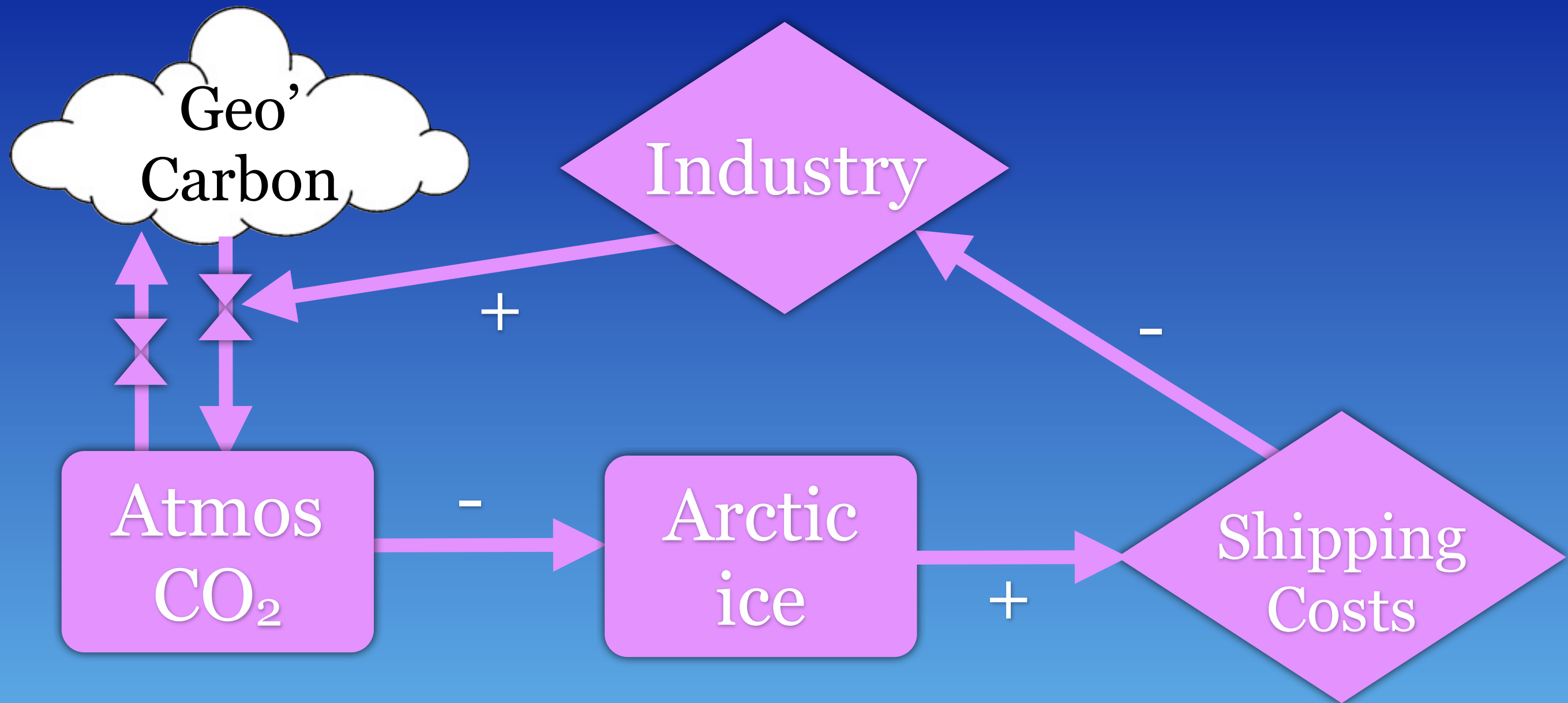
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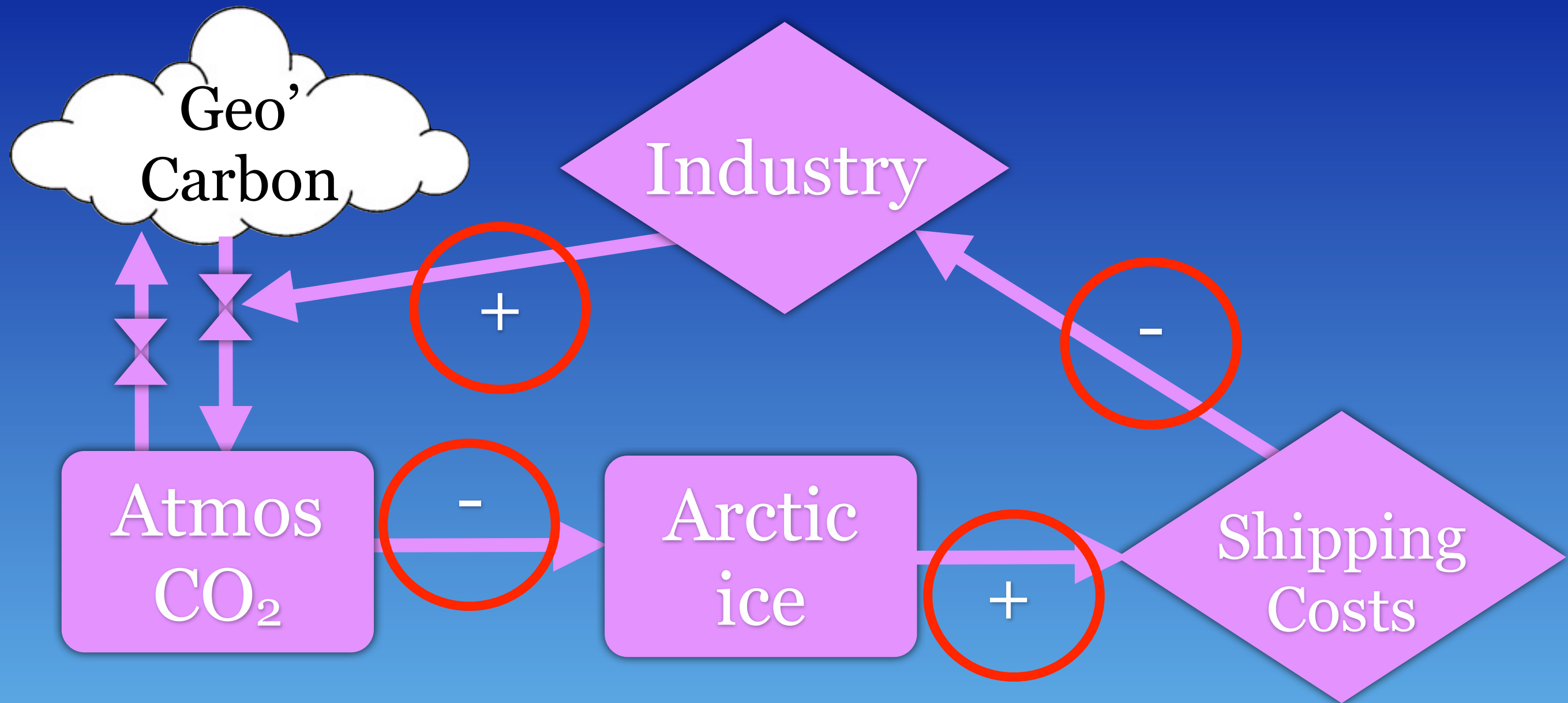


Global Challenges






# Global Challenges







Any sufficiently  
advanced  
technology is  
indistinguishable  
from *magic*

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Video: That Mitchell & Webb Look, BBC

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# Global Challenges





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Photo: Jay Greene/CNET

# Global Challenges

Imagine transported  
back to Roman province  
of Egypt circa 1BC

How would you convince  
the governor that you  
were from the future?





Video: The Armstrong & Miller Show, BBC

# Global Challenges

# In groups

How would you convince  
the governor that you  
were from the future?



For 25/3/2014

Watch

James Burke Connections: The trigger effect

<https://www.youtube.com/watch?v=hN7Z95cqZx0>

Review

Previous readings and videos