Climate Literacy: The Essential Principles of Climate Science (USGCRP, 2009)
Gap and Thin Spot Analysis of the CLEAN Collection of Educational Resources

Essential Principle 7 (EP7)

Climate change will have consequences for the Earth system and human lives.

Number of Resources in CLEAN Collection

- ● (#) Total Number of Resources
- (#) Middle School
- (#) High School
- (#) College

Some resources are relevant to multiple grade levels; therefore the total (#) is less than sum of (#), (#), (#).

EP 7A Thermal expansion is causing sea level rise	Activities	(9)	(8)	(6)	(0)
	Videos	(17)	(14)	(17)	(12)
	Visualizations	(16)	(14)	(16)	(14)
	Demos/Experiments	(1)	(1)	(0)	(0)
	Total	(43)	(37)	(39)	(26)
EP 7B Changing climate alters freshwater resources	Activities	(4)	(1)	(4)	(3)
	Videos	(9)	(9)	(9)	(3)
	Visualizations	(7)	(7)	(7)	(5)
	Demos/Experiments	(0)			
	Total	(20)	(17)	(20)	(11)
EP 7C Extreme weather events are projected to increase	Activities	(5)	(1)	(4)	(2)
	Videos	(9)	(8)	(8)	(4)
	Visualizations	(4)	(3)	(4)	(4)
	Demos/Experiments	(0)			
	Total	(18)	(12)	(16)	(10)
EP 7D The chemistry of ocean water is becoming more acidic	Activities	(5)	(2)	(4)	(1)
	Videos	(6)	(6)	(6)	(4)
	Visualizations	(3)	(2)	(3)	(2)
	Demos/Experiments	(1)	(1)	(1)	(0)
	Total	(15)	(11)	(14)	(7)
EP 7E Ecosystems are disturbed by climate change	Activities	(17)	(12)	(11)	(3)
	Videos	(32)	(30)	(30)	(16)
	Visualizations	(11)	(11)	(11)	(7)
	Demos/Experiments	(0)			
	Total	(60)	(53)	(52)	(26)
EP 7F Human health will be affected by climate change	Activities	(5)	(1)	(4)	(3)
	Videos	(12)	(10)	(12)	(6)
	Visualizations	(3)	(1)	(3)	(3)
	Demos/Experiments	(0)			
	Total	(19)	(12)	(18)	(11)
EP 7 Uncategorized	Activities	(13)	(6)	(10)	(6)
	Videos	(23)	(19)	(23)	(14)
	Visualizations	(14)	(12)	(14)	(10)
	Demos/Experiments	(1)	(1)	(1)	(0)
	Total	(50)	(38)	(47)	(29)

Total Number of Unique Resources for EP7: (160)

February 2013