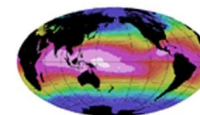


Module /Lab Topic	Most appropriate for use in teaching							Tools/Skills					Models			Focus		
	Climate	Geology	Oceanography/ Marine Science	Chemistry	Biology	Physics	Environmental Science	Reading Primary Literature	Graphing Data	Statistics	Analyzing and Interpreting Data	Debate/Arguing from evidence	Developing Research Question	Physical	Mathematical	Graphic Representation	Place-Based (PNW)	Global
Ocean Acidification ^b	X		X	X	X		X	X		X					X	X		
Landslides Revealed ^{abc}	X	X				X	X	X	X	X				X	X		X	
Culminating Project : IPCC	X						X											X
Shifting Species Ranges: Mt Rainier ^c	X				X		X	X	X	X	X	X	X			X	X	
Ice Cores, Isotopes, and Temperature ^b	X			X				X	X	X					X	X		X
Simple Climate Model ^b	X					X	X			X		X			X	X		X
Historical Temperature Records ^b	X						X		X	X						X	X	X
NASA MERRA Circulation (Radiation and transport)	X		X			X				X				X		X		X
Earth's Energy Balance (Terrarium)	X		X			X	X							X				
Biological Pump	X	X	X	X	X		X									X		X
ENSO ^b	X	X	X				X		X	X						X	X	X
Glaciology and Erosion ^c	X	X	X				X							X			X	
Rain on Snow Flooding ^{a,b}	X	X				X	X			X					X		X	

Module Includes: ^aIntro Video, ^bData or Model in Excel
^cComing in 2015/2016, visit <http://www.uwpcc.washington.edu/>

Presented at
2015 WSTA Workshop: Bringing Climate Science into your High School Science Classroom in Shoreline, WA



Program on Climate Change
UNIVERSITY OF WASHINGTON