

# Climate Change: Seeing, Understanding, and Teaching Denali National Park and Preserve, Alaska

## Instructors:

**Dave Shirokauer & Carl Roland** National Park Service

**Janet Warburton** Arctic Research Consortium of the United States

**Mark Goldner** PolarTREC Alumni Teacher, Guest Instructor

## Day One – Tuesday, 28 June

1:00pm	<b>Meet at MSLC for registration</b>	All participants
	<i>Lunch on your own</i>	
	<b>Welcome</b>	MSLC Guide
	<b>Plan of the Day &amp; Introductions</b>	Janet Warburton
	<b>Denali and Climate Change Basics</b>	Dave Shirokauer
	Activity: Your Big Questions	Janet Warburton

Break

### **Leave for Teklanika Field Camp**

Weather and Time Permitting we will stop along the road.

Content:

- |                                    |                 |
|------------------------------------|-----------------|
| • Introduction to Landscape Change | All Instructors |
| • Resource Review Introduction     | Janet Warburton |

### **Arrive at Teklanika Field Camp**

- |                               |            |
|-------------------------------|------------|
| • Camp Orientation            | MSLC Guide |
| • Unload & Set up tent cabins | All        |

Dinner

### **Evening Activity**

- |   |              |
|---|--------------|
| • Climate Change and Classroom Activities | Mark Goldner |
| • Landscape Change in Denali              | Carl Roland  |

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**Denali National Park and Preserve, Alaska**

**Day Two: Wednesday, 29 June**

Today we will gather our packs after breakfast and travel within the Park until dinner. Bring raingear, layers, lunch, snacks, and water.

7:00am	Coffee & Breakfast <i>(Pack Lunch for the field)</i>	
9:00am	<b>Field Excursion – Travel West</b> Weather and Time Permitting: This will be our big travel day in the park. Some short walks and rest breaks will be included.  Content: <ul style="list-style-type: none"><li>• Climate Change and Landscape</li><li>• Connect to Classrooms</li></ul>	All Day   Carl Roland Mark Goldner
6:00pm	<b>Return to Camp</b> <ul style="list-style-type: none"><li>• Rest &amp; Resource Review</li><li>• Walk to Teklanika River (Optional)</li></ul>	
	Dinner	
	<b>Evening Activity</b> <ul style="list-style-type: none"><li>• Climate Change Activities for the Classroom</li></ul>	Mark Goldner

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## Denali National Park and Preserve, Alaska

### Day Three: Thursday, 30 June

Today we will gather our packs after breakfast and travel within the Park until dinner. Bring raingear, layers, lunch, snacks, and water.

7:00am Coffee & Breakfast  
(Pack Lunch for the field)

9:00am **Field Excursion – Hiking**  
Weather and Time Permitting: This will be our day to get out and do some moderate hiking.

Content:

- Climate Change and Ecological Sciences Dave Shirokauer
- Connect to Classrooms Mark Goldner

5:00pm **Return to Camp**

- Rest & Resource Review
- Course Journals/Lesson Templates

Dinner

**Evening Activity** All

Discussion:

- Human Relationship to Climate Change Mark Goldner
- Sceptics Scenarios

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### Day Four: Friday, 1 July

Before leaving camp today, everything will be packed and we will not return.

7:00am Coffee & Breakfast

8:30am **Pack up Camp** All

**Resource Review Share Out** All

#### **Field Excursion – Heading East**

Weather and Time Permitting: Will head east to the park entrance and include hikes and breaks.

**Content:** Dave Shirokauer  
Climate Change in our National Parks

Lunch

**Activity:** Reflection Activity Janet Warburton

Individual Reflections All Participants

#### **Closing**

Take Away Message in Science Dave Shirokauer

Take Away Message in Education Mark Goldner

Evaluations and Journals MLSC Guide

4:00pm **Drop Off at Vehicles**