



A Bird's Eye View of Changing Landscapes

Identifying Landscape Changes

Name: _____
 Period: _____
 Date: _____

Instructions: Work with your group members to complete the entire worksheet for a single pair of satellite images.

<p>Site Information</p> <p>Site name: _____</p> <p>Country: _____</p> <p>Continent: _____</p>	<p>Satellite Image Information</p> <p>Year of historical image: _____</p> <p>Year of recent image: _____</p> <p>Years between images: _____</p>														
<p>Draw a dot on the map to show the site location of these images</p>															
Question	Response														
<p>1. What type of landscape do you see in the historical image? Check all boxes that apply.</p>	<table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> Desert</td> <td><input type="checkbox"/> Ocean</td> </tr> <tr> <td><input type="checkbox"/> Forest</td> <td><input type="checkbox"/> Tundra</td> </tr> <tr> <td><input type="checkbox"/> Grassland</td> <td></td> </tr> </table>	<input type="checkbox"/> Desert	<input type="checkbox"/> Ocean	<input type="checkbox"/> Forest	<input type="checkbox"/> Tundra	<input type="checkbox"/> Grassland									
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<p>2. What landscape features do you see in the historical image? Check all boxes that apply.</p>	<table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> City/town(s)</td> <td><input type="checkbox"/> Protected Area(s)</td> </tr> <tr> <td><input type="checkbox"/> Dam(s)</td> <td><input type="checkbox"/> River(s)/stream(s)</td> </tr> <tr> <td><input type="checkbox"/> Lake(s)</td> <td><input type="checkbox"/> Road(s)</td> </tr> <tr> <td><input type="checkbox"/> Lava</td> <td><input type="checkbox"/> Vegetation</td> </tr> <tr> <td><input type="checkbox"/> Military Base(s)</td> <td><input type="checkbox"/> Volcano(s)</td> </tr> <tr> <td><input type="checkbox"/> Mine(s)</td> <td><input type="checkbox"/> Wetland(s)</td> </tr> <tr> <td><input type="checkbox"/> Mountain(s)</td> <td><input type="checkbox"/> Other: _____</td> </tr> </table>	<input type="checkbox"/> City/town(s)	<input type="checkbox"/> Protected Area(s)	<input type="checkbox"/> Dam(s)	<input type="checkbox"/> River(s)/stream(s)	<input type="checkbox"/> Lake(s)	<input type="checkbox"/> Road(s)	<input type="checkbox"/> Lava	<input type="checkbox"/> Vegetation	<input type="checkbox"/> Military Base(s)	<input type="checkbox"/> Volcano(s)	<input type="checkbox"/> Mine(s)	<input type="checkbox"/> Wetland(s)	<input type="checkbox"/> Mountain(s)	<input type="checkbox"/> Other: _____
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<p>3. What landscape features changed between the historical and recent images? Record the changes using one of the following:</p> <p>↑ Indicates an increase or new presence of the landscape feature</p> <p>↓ Indicates a decrease in the landscape Feature</p> <p>NC Indicates no change</p>	<table style="width: 100%; border: none;"> <tr> <td>___ City/town(s)</td> <td>___ Protected Area(s)</td> </tr> <tr> <td>___ Dam(s)</td> <td>___ River/stream(s)</td> </tr> <tr> <td>___ Lake (s)</td> <td>___ Road(s)</td> </tr> <tr> <td>___ Lava</td> <td>___ Vegetation</td> </tr> <tr> <td>___ Military Base(s)</td> <td>___ Volcano(s)</td> </tr> <tr> <td>___ Mine(s)</td> <td>___ Wetland(s)</td> </tr> <tr> <td>___ Mountain(s)</td> <td>___ Other: _____</td> </tr> </table> <p>Explain changes if necessary:</p>	___ City/town(s)	___ Protected Area(s)	___ Dam(s)	___ River/stream(s)	___ Lake (s)	___ Road(s)	___ Lava	___ Vegetation	___ Military Base(s)	___ Volcano(s)	___ Mine(s)	___ Wetland(s)	___ Mountain(s)	___ Other: _____
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4. Describe at least three changes that you observed in your comparison of the two images of this area.

Change 1:

Change 2:

Change 3:

5. Why do you think each of these changes occurred?

Change 1:

Change 2:

Change 3:

6. How might the changes that you identified in question #4 affect the plants and animals within these areas? Consider both terrestrial and aquatic environments.

Plants:

Animals:

