

# What were the lasting effects of human impacts on the Grand Kankakee Marsh?

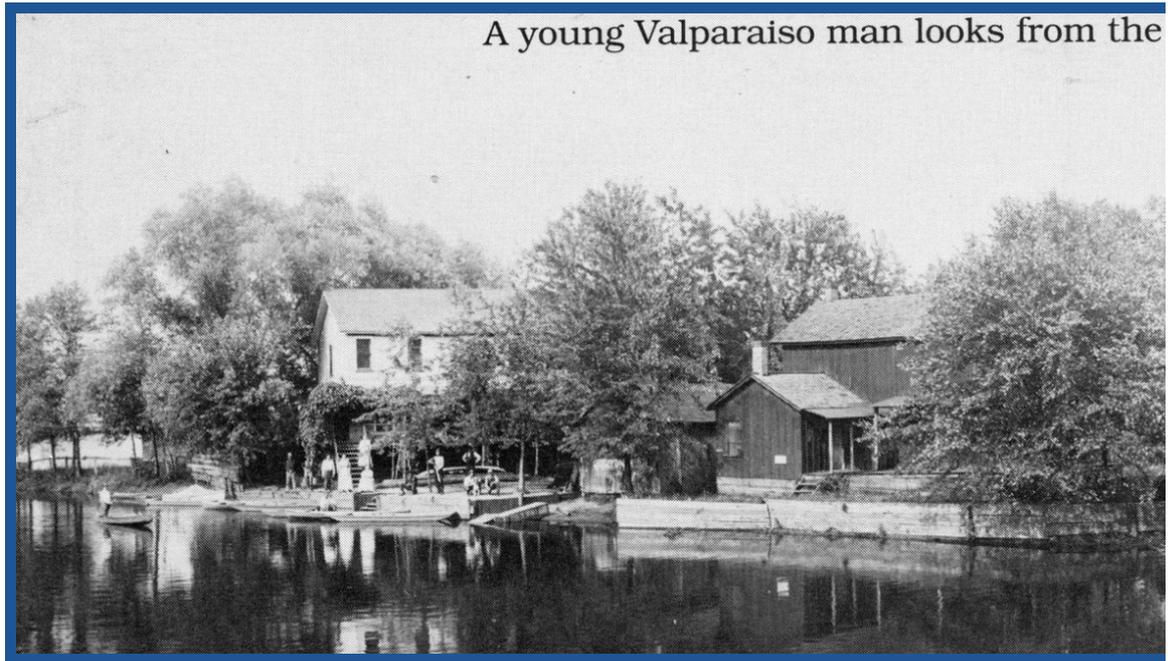


Image courtesy of the Kankakee Valley Historical Society

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## Supporting Questions

1. What were the Grand Kankakee Marsh pre-settlement environmental conditions?
2. What is the Human History of the Grand Kankakee Marsh?
3. What are the conservation efforts for the Grand Kankakee Marsh?

6-8 Grade A Brief History of Human Impacts on the Grand Kankakee Marsh  
 Inquiry by Isabella Gellis Morais

What were the lasting effects of human impacts on the Grand Kankakee Marsh?	
Inquiry Standard	D2.Geo.2.6-8. Use maps, satellite images, photographs, and other representations to explain relationships between the locations of places and regions, and changes in their environmental characteristics. D2.Geo.9.6-8. Evaluate the influences of long-term human-induced environmental change on spatial patterns of conflict and cooperation.
Staging the Compelling Question	Gallery walk activity

Supporting Question 1	Supporting Question 2	Supporting Question 3
What were the Grand Kankakee Marsh pre-settlement environmental conditions?	What is the Human History of the Grand Kankakee Marsh?	What are the conservation efforts for the Grand Kankakee Marsh?
Formative Performance Task	Formative Performance Task	Formative Performance Task
Vocabulary worksheet and Puzzle Map Activity	Vocabulary worksheet and Comparing Data activity	Vocabulary worksheet and Kankakee Restorative Project Mini Research Activity
Featured Sources	Featured Sources	Featured Sources

Summative Performance Task	<b>ARGUMENT</b> Final Project Activity
	<b>EXTENSION</b> Class Presentation
Taking Informed Action	<b>UNDERSTAND</b> The impacts of human interaction on the environment <b>ASSESS</b> What were the irreversible effects of human impacts on the Marsh? <b>ACTION</b> What can be done or is being done to restore the Marsh?

### Inquiry Description

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The module is designed to focus on how the marsh has changed due to human intervention. The module starts with outlining the Marsh's conditions before human settlement, and the changes it went through due to human impacts, and lastly the restoration efforts of the Marsh.

### Structure

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Structured in chapters and should follow as the Marsh changes from pre-settlement conditions, human settlement, and restoration and celebration of the Marsh today.

The module can be modified to remote learning.

## Staging the Compelling Question

Compelling  
Question

What were the lasting effects of human impacts on the Grand Kankakee Marsh?

### Staging the compelling question

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Gallery walk is an activity set up by students looking at specific pictures and graphs and deducing information about the module which generates discussion on the topic and what students predict happened to the Marsh.

Supporting Question 1	
Supporting Question	What were the Grand Kankakee Marsh pre-settlement environmental conditions?
Formative Performance Task	Vocabulary worksheet and Puzzle Map Activity
Additional Materials	<ul style="list-style-type: none"> <li>• <a href="https://s3.amazonaws.com/idm-generator/u/f/6/1/f/10791/f61f37b6f1b3fa1faf4a7732d3f5458f0ef11827.pdf">Suggestion for delivery of curriculum.pdf</a> (https://s3.amazonaws.com/idm-generator/u/f/6/1/f/10791/f61f37b6f1b3fa1faf4a7732d3f5458f0ef11827.pdf)</li> <li>• <a href="https://s3.amazonaws.com/idm-generator/u/b/6/3/f/10791/b63fd137239b3c229bb0b740a2fc0904b92b2c9d.pdf">Gallery Walk Worksheet.pdf</a> (https://s3.amazonaws.com/idm-generator/u/b/6/3/f/10791/b63fd137239b3c229bb0b740a2fc0904b92b2c9d.pdf)</li> <li>• <a href="https://s3.amazonaws.com/idm-generator/u/d/5/3/2/10791/d53200fd8fcd30046a6207fea3fb01ed5a258a5a.pdf">Gallery Walk Images.pdf</a> (https://s3.amazonaws.com/idm-generator/u/d/5/3/2/10791/d53200fd8fcd30046a6207fea3fb01ed5a258a5a.pdf)</li> <li>• <a href="https://s3.amazonaws.com/idm-generator/u/6/e/f/2/10791/6ef285489f751fd66281a6016f947d5a2efc5534.pdf">Chapter 1 Information.pdf</a> (https://s3.amazonaws.com/idm-generator/u/6/e/f/2/10791/6ef285489f751fd66281a6016f947d5a2efc5534.pdf)</li> <li>• <a href="https://s3.amazonaws.com/idm-generator/u/6/4/d/9/10791/64d906001164ba61f8f8f8b3f6b2ecea48b77e21.pdf">Chapter 1 Vocab Worsheet.pdf</a> (https://s3.amazonaws.com/idm-generator/u/6/4/d/9/10791/64d906001164ba61f8f8f8b3f6b2ecea48b77e21.pdf)</li> <li>• <a href="https://s3.amazonaws.com/idm-generator/u/8/5/d/3/10791/85d31ff7ea31810ab2a56f909d876ad03fdb23c2.pdf">CH1 Vocab.pdf</a> (https://s3.amazonaws.com/idm-generator/u/8/5/d/3/10791/85d31ff7ea31810ab2a56f909d876ad03fdb23c2.pdf)</li> <li>• <a href="https://s3.amazonaws.com/idm-generator/u/6/8/2/3/10791/6823a21ca1bf6f8dfa5e654f5fb549fc0876caa0.pdf">Picture for CH1 information.pdf</a> (https://s3.amazonaws.com/idm-generator/u/6/8/2/3/10791/6823a21ca1bf6f8dfa5e654f5fb549fc0876caa0.pdf)</li> <li>• <a href="https://s3.amazonaws.com/idm-generator/u/7/a/b/d/10791/7abdc3724feaa51903c11e55a4a9aa463c69e78a.pdf">Puzzle Activity.pdf</a> (https://s3.amazonaws.com/idm-generator/u/7/a/b/d/10791/7abdc3724feaa51903c11e55a4a9aa463c69e78a.pdf)</li> </ul>

This question helps students understand the environmental conditions of the Marsh, and how to navigate maps and graphs in relation to the Grand Kankakee Marsh. It also helps students make the connection of how drastically the marsh was altered after human intervention.

### Formative Performance Task

Vocabulary worksheets helps students understand the scientific terms in the chapter and allows them to actually find, read, and write what these definitions which furthers understanding.

The Puzzle Map activity helps with the visualization of the Grand Kankakee Marsh and with the understanding of food webs.

Supporting Question 2	
Supporting Question	What is the Human History of the Grand Kankakee Marsh?
Formative Performance Task	Vocabulary worksheet and Comparing Data activity
Additional Materials	<ul style="list-style-type: none"> <li>• <a href="https://s3.amazonaws.com/idm-generator/u/0/9/c/d/10791/09cdebd89855421c9cdd70579b63ca9d6f3551ef.pdf">Chapter 2 Information.pdf</a> (https://s3.amazonaws.com/idm-generator/u/0/9/c/d/10791/09cdebd89855421c9cdd70579b63ca9d6f3551ef.pdf)</li> <li>• <a href="https://s3.amazonaws.com/idm-generator/u/a/c/3/0/10791/ac304715a10c8d88e824e3d897f848dd6f2a050b.pdf">Chapter 2 Vocab Worsheet.pdf</a> (https://s3.amazonaws.com/idm-generator/u/a/c/3/0/10791/ac304715a10c8d88e824e3d897f848dd6f2a050b.pdf)</li> <li>• <a href="https://s3.amazonaws.com/idm-generator/u/5/e/4/1/10791/5e41f3c5b1ea941dd1f8c3399c6090a289910c23.pdf">CH2 Vocab.pdf</a> (https://s3.amazonaws.com/idm-generator/u/5/e/4/1/10791/5e41f3c5b1ea941dd1f8c3399c6090a289910c23.pdf)</li> <li>• <a href="https://s3.amazonaws.com/idm-generator/u/1/2/6/e/10791/126e88838b3f08798f509ba88ef09c1e7d657307.pdf">Comparing Data Worksheet.pdf</a> (https://s3.amazonaws.com/idm-generator/u/1/2/6/e/10791/126e88838b3f08798f509ba88ef09c1e7d657307.pdf)</li> <li>• <a href="https://s3.amazonaws.com/idm-generator/u/6/e/c/a/10791/6eca1452dc11c5e9cf69b932e0567108b71b3439.pdf">Comparing Data Answersheet.pdf</a> (https://s3.amazonaws.com/idm-generator/u/6/e/c/a/10791/6eca1452dc11c5e9cf69b932e0567108b71b3439.pdf)</li> </ul>

The human history of the Grand Kankakee Marsh is a devastating one. It shows how humans took advantage of the Marsh and destroyed not only the environment there but also the Native tribes that inhabited the areas around the Marsh.

### Formative Performance Task

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Vocabulary worksheets helps students understand the scientific terms in the chapter and allows them to actually find, read, and write what these definitions which furthers understanding.

The comparing data worksheet allows students to use real tree data from the Marsh and create their own graphs that insights discussion of the reasons for the shocking data.

Supporting Question 3	
Supporting Question	What are the conservation efforts for the Grand Kankakee Marsh?
Formative Performance Task	Vocabulary worksheet and Kankakee Restorative Project Mini Research Activity
Additional Materials	<ul style="list-style-type: none"> <li>• <a href="https://s3.amazonaws.com/idm-generator/u/8/5/9/9/10791/8599f1a99cfbab74ad45bc08402a710459d8a80e.pdf">Chapter 3 information.pdf</a> (https://s3.amazonaws.com/idm-generator/u/8/5/9/9/10791/8599f1a99cfbab74ad45bc08402a710459d8a80e.pdf)</li> <li>• <a href="https://s3.amazonaws.com/idm-generator/u/4/2/c/f/10791/42cf4e0e491d9c1b0a8f4e5af94f880859ac83d9.pdf">CH3 Vocab Worksheet.pdf</a> (https://s3.amazonaws.com/idm-generator/u/4/2/c/f/10791/42cf4e0e491d9c1b0a8f4e5af94f880859ac83d9.pdf)</li> <li>• <a href="https://s3.amazonaws.com/idm-generator/u/e/2/1/e/10791/e21e5b0993dbee9f3953ae29279ae84245a601f4.pdf">CH3 Vocab .pdf</a> (https://s3.amazonaws.com/idm-generator/u/e/2/1/e/10791/e21e5b0993dbee9f3953ae29279ae84245a601f4.pdf)</li> <li>• <a href="https://s3.amazonaws.com/idm-generator/u/4/a/a/f/10791/4aaf71b0c63bd7b1a9fe34ffa0ad7bf3637c3a70.pdf">Kankakee Restorative Projects Mini Research Activity.pdf</a> (https://s3.amazonaws.com/idm-generator/u/4/a/a/f/10791/4aaf71b0c63bd7b1a9fe34ffa0ad7bf3637c3a70.pdf)</li> </ul>

This Supporting question guides students to understand the importance of the Marsh and the need for it to be restored. It also touches upon the celebration of the Marsh.

### Formative Performance Task

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Vocabulary worksheets helps students understand the scientific terms in the chapter and allows them to actually find, read, and write what these definitions which furthers understanding.

The mini research activity allows for students to make their own research of the restoration projects of the Marsh and also allows for them to practice giving oral presentations.

Summative Performance Task	
Compelling Question	What were the lasting effects of human impacts on the Grand Kankakee Marsh?
Argument	Final Project Activity
Extension	Class Presentation
Additional Materials	<ul style="list-style-type: none"> <li>• <a href="https://s3.amazonaws.com/idm-generator/u/f/9/d/b/10791/f9db9f6964a3bcd47b6c3237eab0438bc05002a.pdf">Final Project Activity.pdf</a> (https://s3.amazonaws.com/idm-generator/u/f/9/d/b/10791/f9db9f6964a3bcd47b6c3237eab0438bc05002a.pdf)</li> <li>• <a href="https://s3.amazonaws.com/idm-generator/u/f/1/4/9/10791/f149bda0a2dce91cae9f8982a3e5a0aab3a89f79.pdf">References.pdf</a> (https://s3.amazonaws.com/idm-generator/u/f/1/4/9/10791/f149bda0a2dce91cae9f8982a3e5a0aab3a89f79.pdf)</li> </ul>

### Argument

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The final project consists of students creating a poster or timeline of the occurrences of the Grand Kankakee Marsh that they learned about during the course of the module. This wraps up the module with a full-circle understanding of the effects of human impacts on the Marsh and answers the overarching question of this inquiry: what were the lasting effects of the human impacts on the Grand Kankakee Marsh?

### Extension

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Students present to the class their poster or timeline projects.

Taking Informed Action	
Understand	The impacts of human interaction on the environment
Assess	What were the irreversible effects of human impacts on the Marsh?
Action	What can be done or is being done to restore the Marsh?

This is answered as part of the mini research project activity in the last chapter of this module.

