

Exercise 2: Create a story for addressing climate change

 How can I print an exercise to PDF format?

Technical note

For this exercise, use the latest version of one of these browsers:

- Apple Safari
- Google Chrome
- Microsoft Edge
- Mozilla Firefox

This exercise was developed using Google Chrome. If you use a different web browser, your results might differ slightly from the results that are shown.

Introduction

Another way that stakeholders and communities can take climate action is by spreading awareness about climate change and empowering others to do the same.

ArcGIS StoryMaps can help you spread awareness about climate change by allowing you to tell stories through interactive maps, narrative text, images, and multimedia content. You create a story by adding content blocks to a page in the ArcGIS StoryMaps builder. Content blocks may include text, maps, videos, images, slideshows, and much more.

ArcGIS StoryMaps is a powerful tool for telling compelling digital stories. An effective story can draw attention to an important issue and inspire readers to take action. For example, ArcGIS StoryMaps can be used to motivate industries, communities, and individuals to take action against climate change.

Scenario

Throughout this course, you have explored ways that GIS can be used to study and address climate change. Now it is time to share your results with others to continue the climate conversation. In this exercise, you will create a story to share the takeaways of this course.

Note: The exercises in this course include View Result links. Click these links to confirm that your results match what is expected.

Estimated completion time in minutes: 100 to 120 minutes

[Expand all steps](#) ▾

[Collapse all steps](#) ▲

- Step 1: Download the exercise files

In this step, you will download the exercise data files to be used in the story.

- a Open a new web browser tab or window.
- b Go to the CLIM Section 6: Taking Climate Action Story item page.
Note: The complete URL for the exercise data file is <https://www.arcgis.com/home/item.html?id=7b245857377a4797b11bd0546ef0941f>.
- c On the right, click Download to download the exercise data ZIP file.
- d In File Explorer, extract the ZIP exercise data files to the EsriTraining folder on your local computer.
- e Confirm that the extracted data files are stored in the TakingClimateActionStory folder.
- f Close File Explorer.

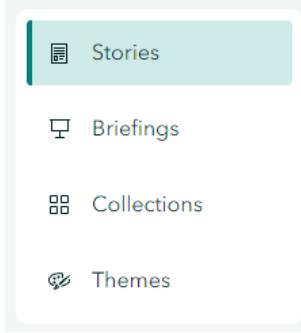
You have downloaded and extracted the exercise data files that you will need to complete the exercise.

- Step 2: Start a new story

In this step, you will create a new story to present the results of the exercises that you performed in this course.

- a In a web browser, go to storymaps.arcgis.com.

- b Click Sign In To ArcGIS StoryMaps.
 - c Under ArcGIS Login, copy and paste or type your course ArcGIS account username (ending in _CLIM) and password.
 - d Click Sign In.
- The landing page for ArcGIS StoryMaps opens.
- e On the left side of the landing page, review the four types of content that you can create with ArcGIS StoryMaps.



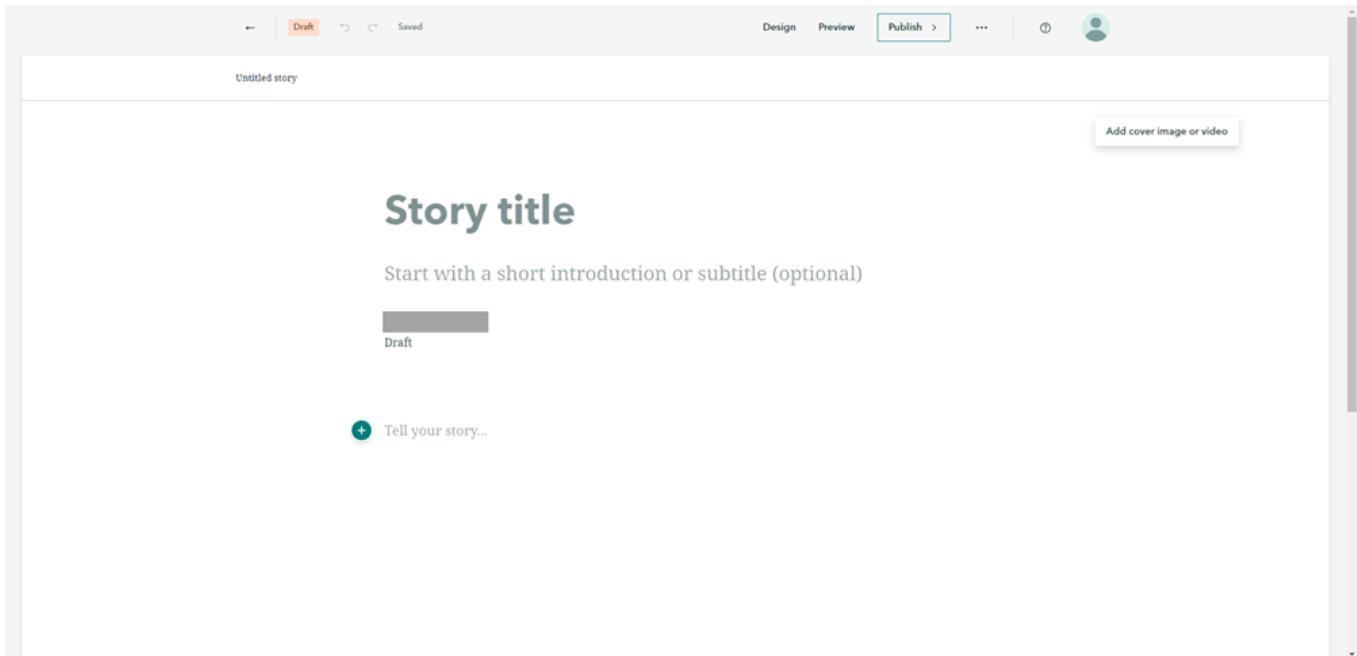
*Step 2e***: Start a new story.*

The ArcGIS StoryMaps builder can be used to create four types of content: stories, briefings, collections, and themes.

- Use a **story** to combine interactive maps with text, images, and multimedia content in a website-style output.
- Create a **briefing** to effectively convey structured information in a presentation-style format.
- Produce a **collection** to tell a larger narrative by compiling stories and other types of content.
- Apply a **theme** to the other types of content to ensure that your content looks and feels consistent.

In this case, you want to create a website-style output that displays various types of content. Therefore, you will create a story.

- f At the top right, click New Story and choose Start From Scratch.



*Step 2f***: Start a new story.*

The new story opens and displays placeholder text for the title, introduction or subtitle, and content blocks.

You will begin by adding a title and short introduction.

- g For Story Title, type **Using GIS to address climate change**.
- h For the short introduction, type **It is time to take action! Use your voice to discuss how GIS can support actions to address climate change.**

Using GIS to address climate change

It is time to take action! Use your voice to discuss how GIS can support actions to address climate change.

Draft

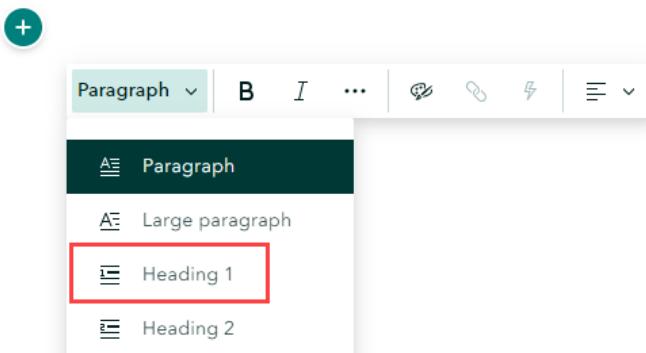
 Tell your story...

*Step 2h***: Start a new story.*

You are now ready to start your story. You will introduce the topic by using a heading, paragraph text, and bulleted list. This list will define the structure of your story.

First, you will add the heading.

- i To the left of Tell Your Story, click the Add Content Block button  and choose Text.
- j Type **Ways to address climate change**.
- k Highlight the text that you just typed, and then click the Paragraph down arrow and choose Heading 1, as shown in the following graphic.



You will now add paragraph text to introduce the bulleted list.

- l Copy the following text: **Climate change can be addressed in the following ways:**
- m Click below the heading and paste the text.

Ways to address climate change

Climate change can be addressed in the following ways:

*Step 2m***: Start a new story.*

In a story, the default type of content is paragraph text. Therefore, you did not need to add a content block to add the text.

Finally, you will add a bulleted list. Each bullet in the list represents a way that you used GIS in this course to address climate change.

- n Copy the following text:
 - Visualizing climate change data
 - Mitigating greenhouse gases
 - Understanding exposure to climate-related hazards

- Assessing vulnerability and risk
 - Investigating risk reduction options and planning
 - Taking action
- o Paste the text below the introductory paragraph text.

- Visualizing climate change data
- Mitigating greenhouse gases
- Understanding exposure to climate-related hazards
- Assessing vulnerability and risk
- Investigating risk reduction options and planning
- Taking action



*Step 2o***: Start a new story.*

Note: Because the text that you copied and pasted was already formatted as a bulleted list, the story should retain the source formatting and automatically update the text type. But, if necessary, you can highlight the items in the list and update the text format to Bulleted List to match the View Result graphic above.

This bulleted list serves as the outline for your story and organizes the content in alignment with what you learned in the course.

You have created a new story for presenting the results of the exercises that you performed in the course and are now ready to populate the story narrative.

- Step 3: Populate the story narrative

A sidebar is an immersive content block, which means that it fills the entire screen with content for the reader to explore. Sidecars are made up of slides. Each slide has two panels: a narrative panel that can contain narrative text, media, and maps, and a media panel that can contain interactive content such as maps, images, and videos.

In this step, you will use a Sidebar content block to organize the content of your story. You will add Text content blocks to the narrative panel of this sidebar to populate the story narrative.

- Below the bulleted list, click the Add Content Block button and, from the Immersive section, choose Sidebar.
- In the Choose A Layout window, verify that Docked is selected, and then click Done.

*Step 3b***: Populate the story narrative.*

A sidebar with one slide is added to the story.

At the bottom left of the sidebar block, notice the single slide that is represented by a thumbnail. As readers navigate through a sidebar, the narrative panel content on the left changes to match the media panel on the right for each slide. You will be adding multiple slides to the story

to align with the exercises in the course.

You will now populate the narrative text on the first slide, which focuses on visualizing climate change data.

- c Next to Continue Your Story, add a Text content block with a Heading 2 format, and then type **Visualizing climate change data**.

- Hint

Click the Add Content Block button  and choose Text. Then, click the Paragraph down arrow and choose Heading 2.

- d Copy and paste the following text below the new subheading:

Scientists have been measuring weather variables like temperature and precipitation for more than a century. This historical data has allowed the creation of climate models that can be combined with GIS to visualize and plan for the future impacts of climate change.

For example, GIS can be used to map, visualize, and calculate land cover changes over time to determine where deforestation is occurring. It is important to understand the scope of deforestation because forests create a cooling effect on our planet and act as carbon sinks. These maps show the land cover change that occurred in Rondônia, Brazil, between 1992 and 2020.

Using GIS to address climate change

Visualizing climate change data

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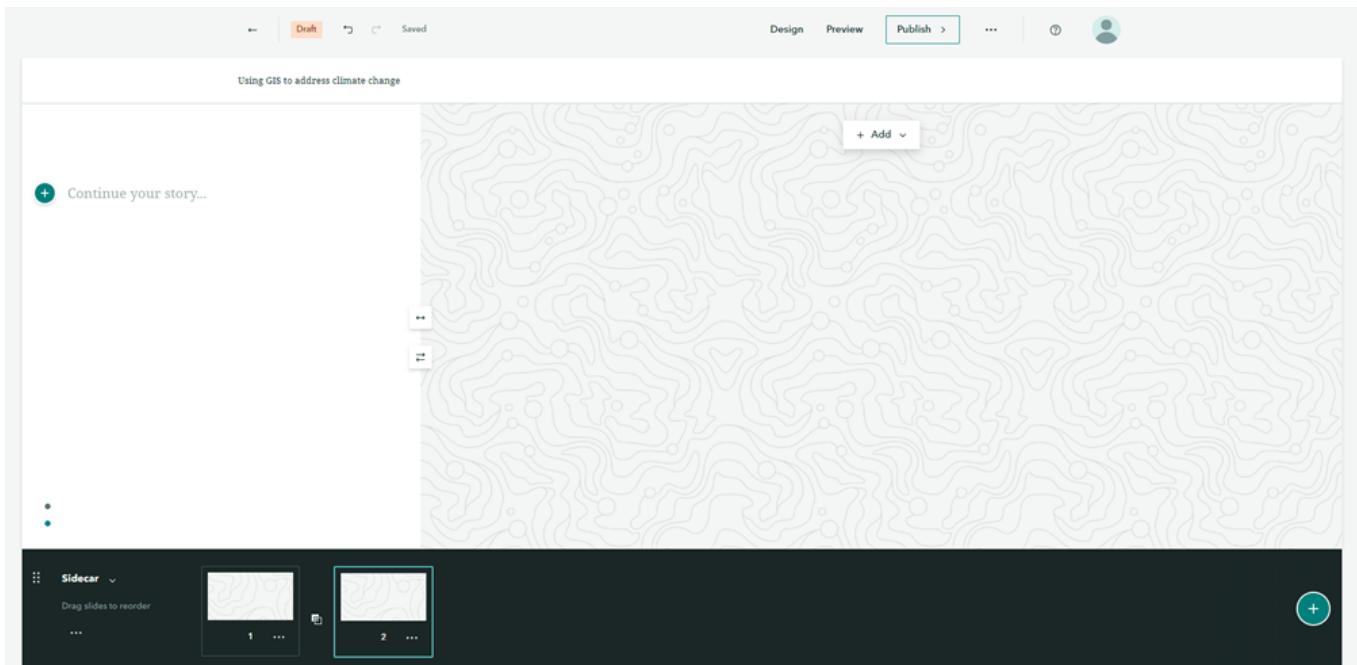


*Step 3d***: Populate the story narrative.*

You will now populate the narrative text on the second and third slides, which focus on addressing climate change by mitigating greenhouse gases.

Slide 2 will provide an example of optimized vehicle routes and slide 3 will showcase solar energy as a potential clean energy source.

- e At the bottom right of the sidecar block, click the New Slide button .



*Step 3e***: Populate the story narrative.*

- f On slide 2, use the following table as a guide to add four Text blocks to the narrative panel on the left.

Format	Text to type or copy and paste
Heading2	Mitigating greenhouse gases
Paragraph	Spatial data is the key to mitigating greenhouse gases. Using location and data allows us to integrate, analyze, and understand our data in new, visual ways. Although climate change is a global issue, GIS can be used to plan and model the most impactful solutions at a local level.
Heading3	Vehicular sources
Paragraph	Studies have shown that optimizing vehicle routes can reduce fuel consumption and greenhouse gas emissions by 10 to 30 percent. An optimal vehicle route considers several factors, such as destinations, streets, barriers, and greenhouse gases. For example, this screenshot of ArcGIS Navigator shows the most fuel efficient route for delivering produce based on a network analysis in ArcGIS Pro. Delivery drivers can use ArcGIS Navigator to get driving directions along optimized routes that were created in ArcGIS Pro.

Mitigating greenhouse gases

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Vehicular sources

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For example, this screenshot of ArcGIS Navigator shows the most fuel efficient route for delivering produce based on a network analysis in ArcGIS Pro. Delivery drivers can use ArcGIS Navigator to get driving directions along optimized routes that were created in ArcGIS Pro.

*Step 3f***: Populate the story narrative.*

- g At the bottom right of the sidecar block, click the New Slide button .

- h On slide 3, use the following table as a guide to add two Text blocks to the narrative panel on the left.

Format	Text to type or copy and paste
Heading3	Electricity sources

<p>Paragraph</p> <p>Switching to a clean energy source, such as solar, is a powerful solution for mitigating greenhouse gas emissions. While solar is a great alternative energy source, this option is the most viable in locations with a high potential for solar radiation throughout the year.</p> <p>For example, this animation shows the results of a solar radiation analysis in ArcGIS Pro. It shows the change in solar energy potential for the buildings in the study area over the course of a year. Shades of blue show lower energy potential while shades of yellow, orange, and red show higher energy potential.</p>
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Using GIS to address climate change

Electricity sources

Switching to a clean energy source, such as solar, is a powerful solution for mitigating greenhouse gas emissions. While solar is a great alternative energy source, this option is the most viable in locations with a high potential for solar radiation throughout the year.

+ For example, this animation shows the results of a solar radiation analysis in ArcGIS Pro. It shows the change in solar energy potential for the buildings in the study area over the course of a year. Shades of blue show lower energy potential while shades of yellow, orange, and red show higher energy potential.

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*Step 3h***: Populate the story narrative.*

Now you will populate the narrative text on the fourth slide, which focuses on understanding exposure to climate-related hazards.

- i Click the New Slide button +.
- j On slide 4, use the following table as a guide to add two Text blocks to the narrative panel.

Format	Text to type or copy and paste
Heading2	Understanding exposure to climate-related hazards
Paragraph	<p>More frequent and intense climate-related hazards, such as drought, coastal flooding, and extreme heat, are a clear effect of climate change. Exposure to worsening climate-related hazards requires us to prepare for how these hazards will affect our communities now and in the future.</p> <p>For example, communities and organizations can model sea level rise to identify infrastructure that will be affected by coastal inundation and to make informed decisions. This web scene provides a 3D visualization of sea level rise to support local planners and decision makers.</p>

Now you will populate the narrative text on the fifth slide, which focuses on assessing vulnerability and risk.

- k Add a new slide.
- l On slide 5, use the following table as a guide to add two Text blocks to the narrative panel.

Format	Text to type or copy and paste
Heading2	Assessing vulnerability and risk
Paragraph	<p>Climate change is a global issue that is creating risks across the globe. However, we can also use GIS to identify localized risk to climate change, like identifying where and how vulnerable populations are affected. Around the world, certain population groups disproportionately experience climate change, making them more vulnerable to the related effects of climate change. By identifying vulnerable populations, we can use GIS to create equitable climate solutions.</p> <p>For example, viable locations for growing an agricultural crop can be modeled using current and future climate conditions. These images show the results of an analysis that was performed in ArcGIS Pro using the Presence-Only Prediction (MaxEnt) tool. The image on the left shows suitable locations for maize for baseline climate conditions and the image on the right shows suitable locations for the year 2050. Locations that are symbolized in shades of green represent suitable locations for growing maize.</p>

Next, you will populate the narrative text on the sixth slide, which focuses on investigating risk-reduction options and planning.

- m Add a new slide.
- n On slide 6, use the following table as a guide to add two Text blocks to the narrative panel.

Format	Text to type or copy and paste
Heading2	Investigating risk reduction options and planning
Paragraph	<p>Adaptation plans play a key role in helping communities become more resilient to the effects of climate change. We can use GIS to help us create adaptation plans through spatial data analysis, like prediction modeling, visualization, and decision support for communities.</p> <p>For example, localized adaptation plans can be developed for extreme heat. The web map shows a heat resilience index (HRI) that was created for Athens, Greece, in ArcGIS Pro. This HRI prioritizes areas for tree planting as an adaptation plan for cooling the city. Postcodes with higher HRI values are symbolized in darker shades of red and would benefit the most from trees. Postcodes with lower HRI values are symbolized in lighter shades of yellow and orange and are at less risk.</p>

You will now populate the narrative text on the seventh slide, which focuses on taking action.

- o Add a new slide.
- p On slide 7, use the following table as a guide to add two Text blocks to the narrative panel.

Format	Text to type or copy and paste
Heading2	Taking action
Paragraph	<p>GIS can help us all take action against climate change and move toward a more sustainable future for our planet. With GIS, you can analyze, plan, and prepare for future climate change impacts and find ways to mitigate greenhouse gas emissions. Taking action comes in many forms and everyone is capable of taking action against climate change.</p> <p>For example, dashboards can be created to monitor the health of natural resources in our communities, like coral reefs. Coral reefs protect coastlines from storms and erosion, provide a source of income for local communities, and are a source of food. This dashboard presents location-analytics for coral reefs to help communities identify the coral reefs that are at risk of bleaching.</p>

Using GIS to address climate change

Taking action

GIS can help us all take action against climate change and move toward a more sustainable future for our planet. With GIS, you can analyze, plan, and prepare for future climate change impacts and find ways to mitigate greenhouse gas emissions. Taking action comes in many forms and everyone is capable of taking action against climate change.

For example, dashboards can be created to monitor the health of natural resources in our communities, like coral reefs. Coral reefs protect coastlines from storms and erosion, provide a source of income for local communities, and are a source of food. This dashboard presents location-analytics for coral reefs to help communities identify the coral reefs that are at risk of bleaching.

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Step 3p**: Populate the story narrative.

You have populated your story narrative by adding Text content blocks to the narrative panel of a sidecar.

Next, you will add interactive content to the media panel of each slide.

- Step 4: Add maps from ArcGIS Online

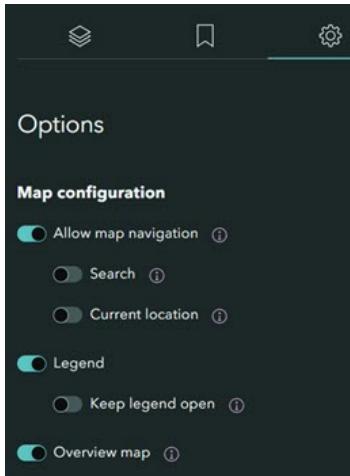
ArcGIS StoryMaps supports the ability to add various content types from ArcGIS Online. Because maps are a common content type in stories, ArcGIS StoryMaps includes a content block that is specifically designed to add web maps and web scenes.

In Section 5, you created a heat resilience index (HRI) in ArcGIS Pro and shared the HRI as a web map. In this step, you will add this web map to the story using a Map content block.

- a In the sidebar, click slide 6.
- b On the right, in the media panel, click + Add and choose Map.
- c Click your Athens Heat Risk Index web map.
- d In the Adjust Map Appearance window, click the Options tab .

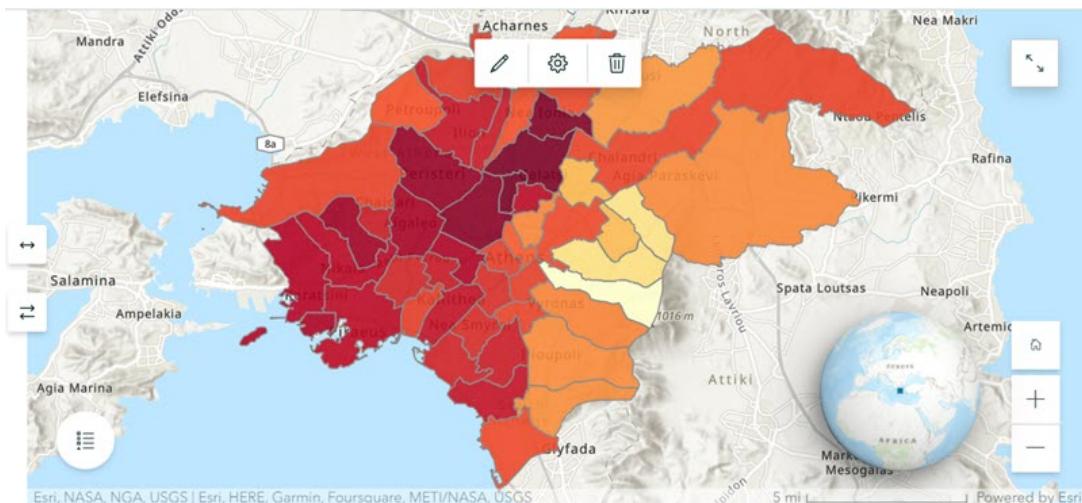
Options let you adjust the map configurations when you add a web map or web scene. You will turn on the map's legend for readers. You will also turn on the overview map to provide geographic context for the map's extent.

- e Turn on both the Legend option and the Overview Map option.



*Step 4e***: Add maps from ArcGIS Online.*

- f At the bottom right of the window, click Place Map.



*Step 4f***: Add maps from ArcGIS Online.*

Next, you will add a web scene.

In Section 3, you created a web scene that provided 3D visualization of sea level rise using data from the Miami Dade County Open Data Hub. You will add this web scene to another slide in the story using a Map content block.

- g In the sidebar, click slide 4.
 - h In the media panel, click + Add and choose Map.
 - i Click your City Of Miami Beach Sea Level Rise web scene.
- The web scene is added to the Map content block in the media panel.
- The web scene reflects the map extent that was current at the time that you shared the scene from ArcGIS Pro to ArcGIS Online. When you shared your web scene, the bookmarks in the ArcGIS Pro project were saved to your web scene as slides. You will select a different slide in the sidebar and change the map extent of the web scene to allow readers to view more of the web scene.
- j In the Adjust Map Appearance window, at the top left, click the Slides tab .

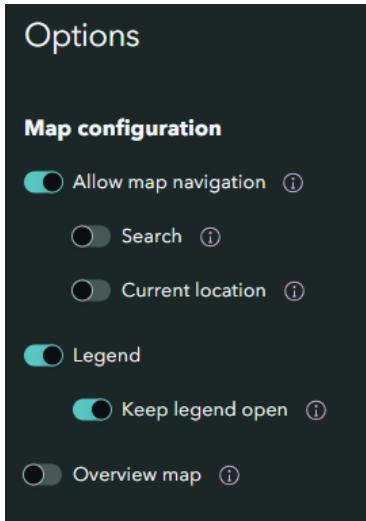
- k In the Slides pane, click South Pointe Park.

The map extent updates to show a more comprehensive view of the city.

You also want readers to know what the symbology colors in the web scene represent, so you will turn on the legend in the web scene.

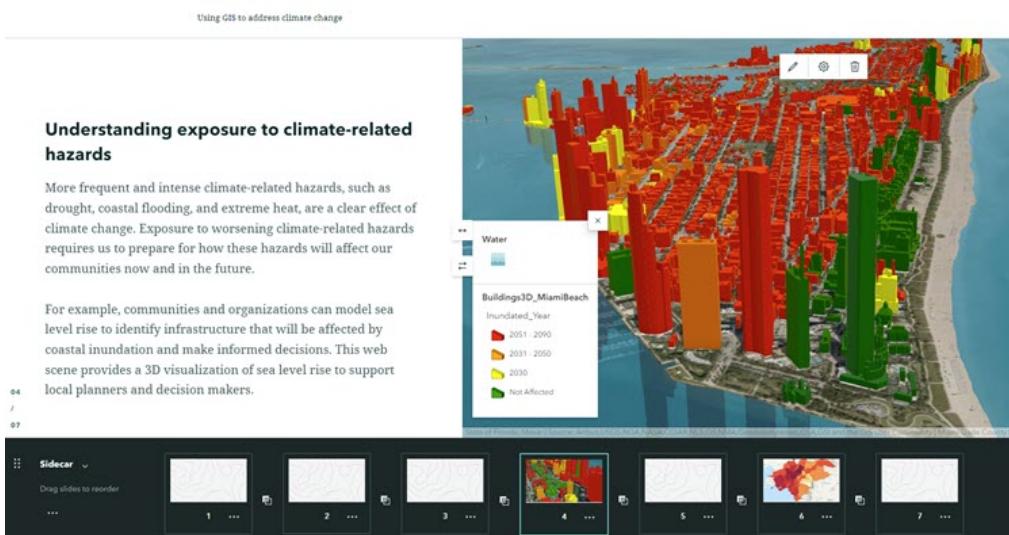
- l Click the Options tab .

- m In the Options pane, turn on the Legend, and then turn on the Keep Legend Open option.



*Step 4m***: Add maps from ArcGIS Online.*

- n Click Place Map.



Understanding exposure to climate-related hazards

More frequent and intense climate-related hazards, such as drought, coastal flooding, and extreme heat, are a clear effect of climate change. Exposure to worsening climate-related hazards requires us to prepare for how these hazards will affect our communities now and in the future.

For example, communities and organizations can model sea level rise to identify infrastructure that will be affected by coastal inundation and make informed decisions. This web scene provides a 3D visualization of sea level rise to support local planners and decision makers.

*Step 4n***: Add maps from ArcGIS Online.*

You have added a web map and a web scene to your story using the Map content block.

- Step 5: Embed apps from ArcGIS Online

ArcGIS StoryMaps has an Embed content block that allows you to add different types of online content to a story, including web apps, dashboards, social media posts, and websites.

In Section 6, you created a dashboard using data from NOAA to empower users to understand coral reef health at local, regional, and global scales. In this step, you will use an Embed content block to add the dashboard to your story by specifying the ArcGIS Online item link. You will also embed an instant app.

- a In the sidebar, click slide 7.

- b Click + Add and choose Embed.

You need to specify a link to the dashboard. You will go to the dashboard item in ArcGIS Online to obtain the link.

- c Open a new web browser tab and go to www.arcgis.com.

- d If necessary, sign in with course ArcGIS account username (ending in _CLIM) and password.
- e At the top of the page, click Content.
- f Locate your Coral Reef Bleaching dashboard and click the title to open the item page.
- g Scroll down in the item page and locate the URL section at the bottom right of the page.
- h Under URL, click the Copy button, as shown in the following graphic.



- i Return to the browser tab for your story.

Note: Do **NOT** close the browser tab for ArcGIS Online.

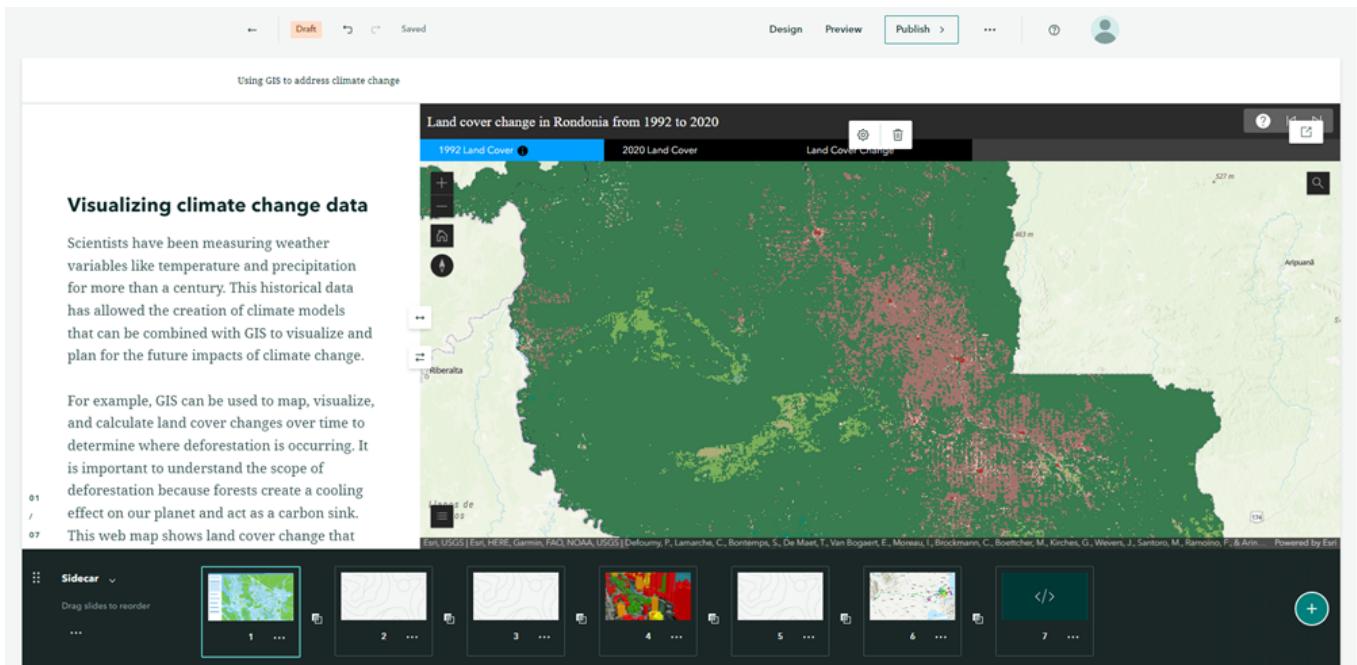
- j In the Embed dialog box, paste the link in the field and click Add.
- k Click OK to sign in to ArcGIS Online.

*Step 5k***: Embed apps from ArcGIS Online.*

In Section 1, you performed a change-detection analysis to identify changes in land cover from 1992 to 2020 in Rondônia, Brazil. You shared your analysis result as a web map to ArcGIS Online. For this story, you will embed an instant app that was created for you using this web map. The app contains three tabs: 1992 land cover, 2020 land cover, and land cover change. Each tab represents a separate web map, with the land cover change tab representing the change-detection web map.

You will now embed this instant app, which is owned by a member outside your ArcGIS Online organization.

- l In the sidebar, click slide 1.
 - m Click + Add and choose Embed.
 - n In the Embed window, copy and paste the following link: <https://www.arcgis.com/apps/instant/portfolio/index.html?appid=bb033bf5bccf447bbf4174f74ae8c644>
 - o Click Add.
- Note:** This app includes layers that were created from the Global Land Cover 1992-2020 layer on ArcGIS Living Atlas of the World (© ESA Climate Change Initiative - Land Cover led by UCLouvain [2017]).
- p If necessary, close the Welcome splash screen.



*Step 5p***: Embed apps from ArcGIS Online.*

You have used the Embed content block in the media panel to embed a dashboard and an instant app in your story by specifying ArcGIS Online item links.

- Step 6: Add media from files

One reason that stories are so effective is their capacity to present information in a variety of formats.

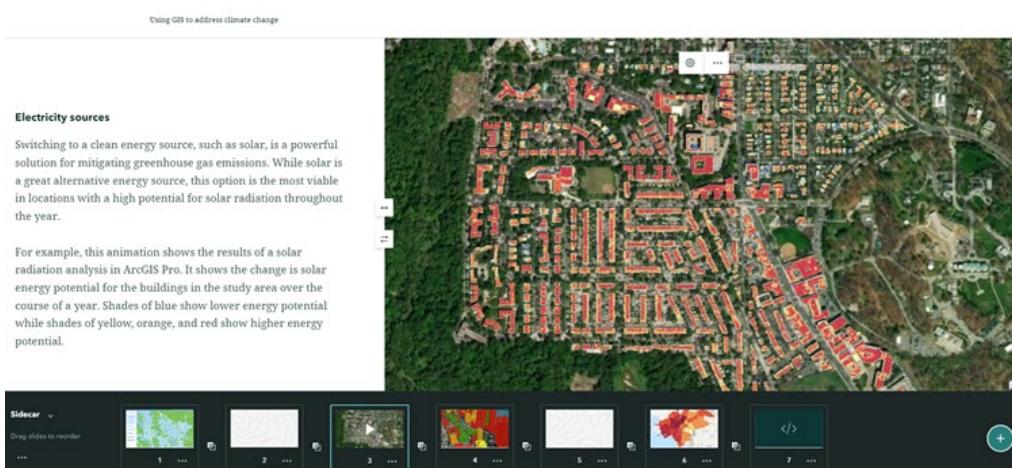
In this step, you will present your analysis results as static maps by adding videos and images to the story.

- In the sidebar, click slide 3.

In Section 2, you performed a solar radiation analysis in ArcGIS Pro. To present the time component of this result, you will add a video animation. There are a variety of ways to create a video animation of a result in ArcGIS Pro. For example, you can use built-in tools (see *ArcGIS Pro Help: Animate Through Time*) or a screen-capturing application.

You will add a video of the solar radiation analysis to your story.

- Click + Add and choose Image Or Video.
- Click Browse Your Files, browse to ..\EsriTraining\TakingClimateActionStory, and then select SolarEnergyPotential.mp4 and click Open.
- At the bottom right of the Add An Image Or Video dialog box, click Add.



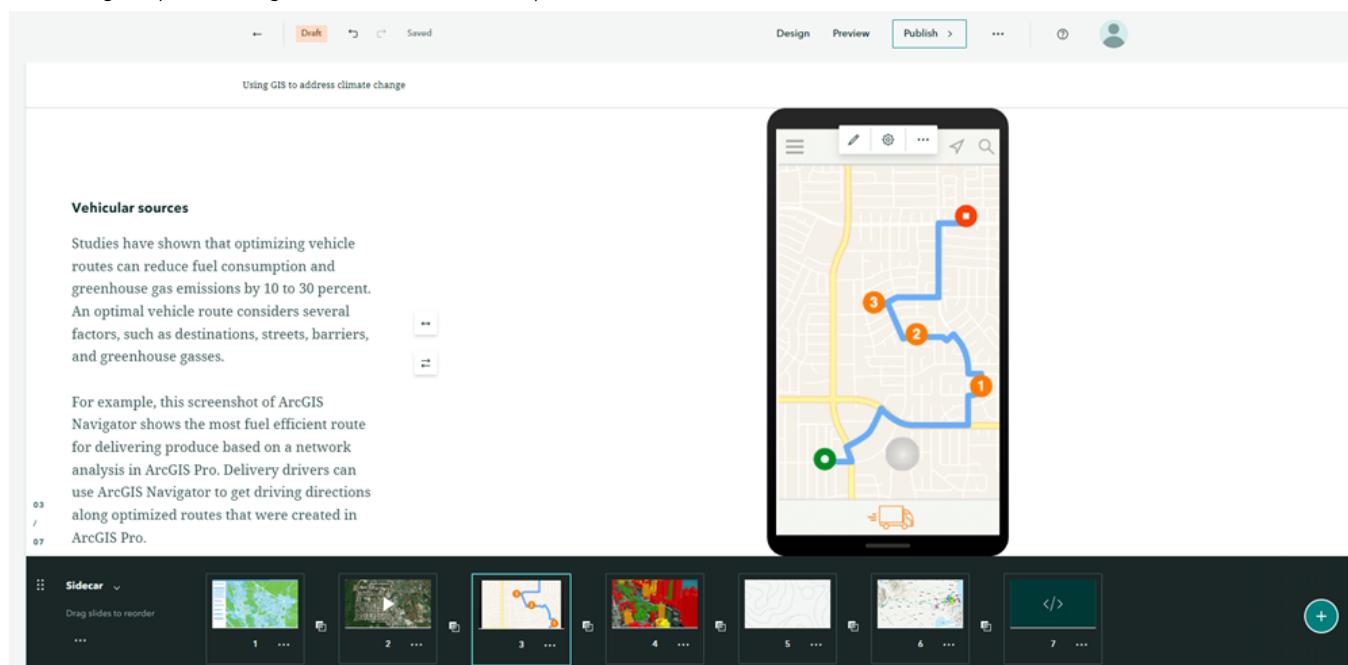
*Step 6d***: Add media from files.*

Your video is added to slide 3 of the sidebar.

- In the sidebar, click slide 2.

In Section 2, you also created optimized routes for delivering produce to customers in Christchurch, New Zealand. You shared these routes to ArcGIS Online for delivery drivers to use. You will add a conceptualized graphic to your story as a single image that shows an ArcGIS app being used to navigate one of the optimized routes.

- f Click + Add and choose Image Or Video.
 - g Browse to ..\EsriTraining\TakingClimateActionStory, select RouteNavigation.png, and click Open.
 - h Click Add to add the image to the slide.
- The image is overly cropped, so you will adjust it to fit the page.
- i At the top of the image, click the Options button .
 - j In the Images Options dialog box, select Fit (Do Not Crop) and click Save.



*Step 6j***: Add media from files.*

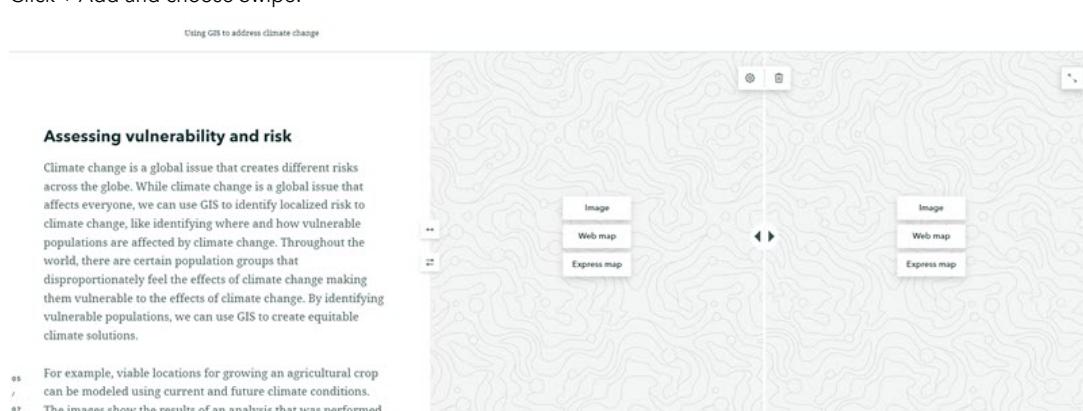
The image now fits on the slide.

- k In the sidecar, click slide 5.

In Section 4, you used the Presence-Only Prediction (MaxEnt) tool to identify suitable locations for growing maize in Africa for current and future climate conditions. Screenshots of the two analysis results were captured at the same extent and saved as images. Images are an effective way to share static geographic information with others.

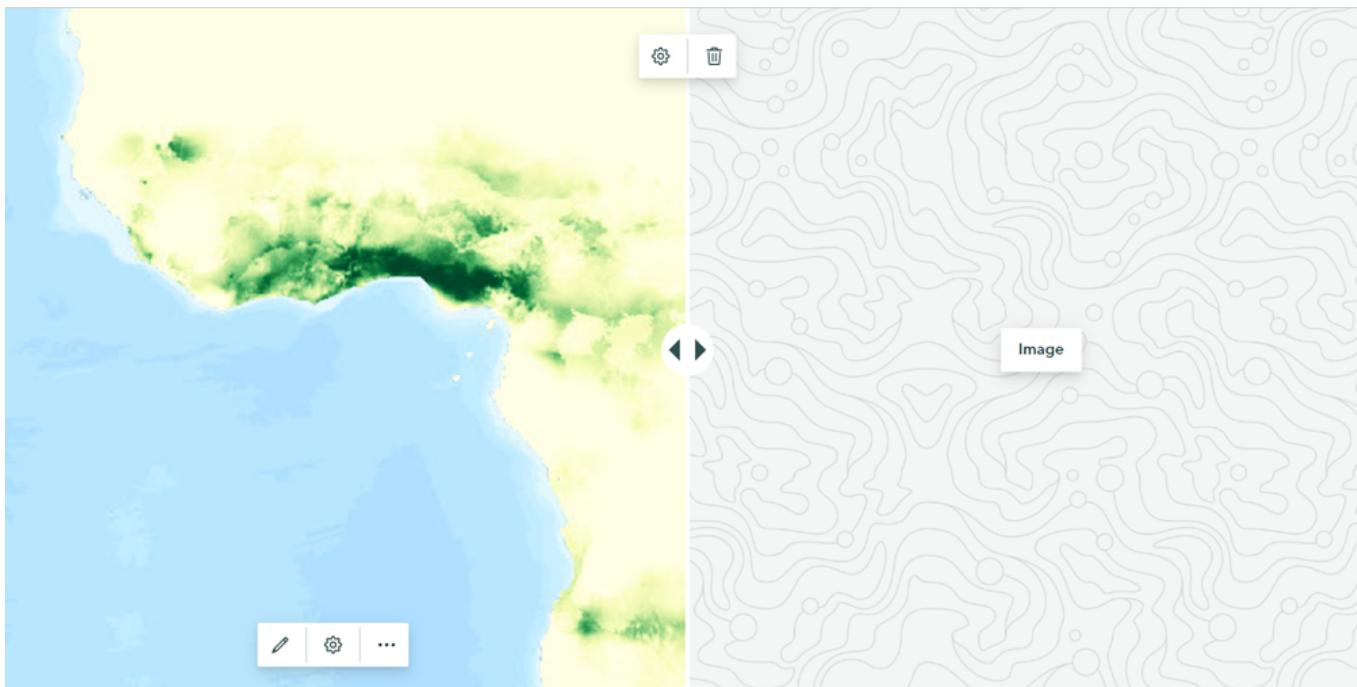
You will use the swipe functionality in ArcGIS StoryMaps to add the two images so that can be compared.

- l Click + Add and choose Swipe.



*Step 6l***: Add media from files.*

- m On the left side of the Swipe content block, click Image.
- n Browse to ..\EsriTraining\TakingClimateActionStory, select BaselineMaize.jpg, and click Open.
- o Click Add to add the image to the slide.



*Step 6o***: Add media from files.*

- p On the right side of the Swipe content block, click Image.
- q Browse to C:\EsriTraining\TakingClimateActionStory, select FutureMaize_2050.jpg, and click Open.
- r Click Add to add the image to the slide.

Using GIS to address climate change

Assessing vulnerability and risk

Climate change is a global issue that creates different risks across the globe. While climate change is a global issue that affects everyone, we can use GIS to identify localized risk to climate change, like identifying where and how vulnerable populations are affected by climate change. Throughout the world, there are certain population groups that disproportionately feel the effects of climate change making them vulnerable to the effects of climate change. By identifying vulnerable populations, we can use GIS to create equitable climate solutions.

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*Step 6r***: Add media from files.*

- s From the Options menu, select Fit (Do Not Crop).
- The swipe bar can now be moved left and right to compare the suitability of maize for baseline and future climate conditions.
- t Move the swipe bar left and right to compare the images.

You have presented your analysis results as static maps by adding videos and images to your story.

- **Step 7: Add a call to action**

Effective stories finish with a call to action.

In this step, you will provide information and resources to encourage readers to continue the climate conversation.

- a Scroll down in the story until you see an Add Content Block button below the sidebar.

The screenshot shows the ArcGIS StoryMaps interface. At the top, there are tabs for 'Draft', 'Design', 'Preview', and 'Publish'. Below the tabs, the title of the story is 'Using GIS to address climate change'. The main area displays a sequence of seven slides, each represented by a thumbnail image. A green circular button with a plus sign is located at the bottom right of the slide thumbnails, indicating the option to add a new slide.

*Step 7a***: Add a call to action.*

- b Below the sidebar, use the following table as a guide to add two Text blocks.

Format	Text to type or copy and paste
Heading1	Continue the climate conversation!
Paragraph	To address climate change, it is important to continue the dialog. Incorporating climate data and considerations in your projects is one way to contribute to the climate conversation. The GIS for Climate hub is a great place to start when looking for data.

You will now add a button link to the GIS for Climate hub.

- c Click the Add Content Block button and choose Button.
d In the button text box, type **GIS for Climate**.
e Copy the following link: <https://climate-arcgis-content.hub.arcgis.com/>
f Click the GIS for Climate button that you just created, click the Edit button , and paste the link.
g Press Enter.
h Point to the GIS for Climate button to review the link in the pop-up.



*Step 7h***: Add a call to action.*

You have finished populating the content of your story. However, the story's black-and-white theme is not visually appealing. To motivate readers to engage with your story and call to action, you will update the theme using the Design panel.

- i At the top right of the page, click Design to open the Design panel.
j Under Theme, click any theme of your choice.
- Hint
Tidal is a great option for this story!

- k Close the Design panel.

Finally, you will preview your story.

- l At the top right of the page, click Preview.
m In the Preview Will Undo History message, click Yes, Continue.
n Read your story from beginning to end.

A screenshot of a question and answer section. On the left, there is a green icon with a question mark. Next to it is the text 'Which takeaway from this course has impacted you the most?'. Below this, there is a small text input field containing '- Answer' and the placeholder 'Answers will vary based on personal experience.'

In this exercise, you created a story that presents ways to address climate change with GIS. Stories can be shared with others to inspire organizations, communities, and individuals to take action against climate change.

- After you are finished, close all web browser tabs.