College of the Atlantic Digital Archive

145 search results from https://coa.digitalarchive.us

Filters: Type: Map, sorted by Title

Working with the Ellsworth Green Plan

Identifier:	2372
Type:	Map
Title:	Working with the Ellsworth Green Plan
Subject:	Places
Description:	Land Use Planning and GIS 2018
	College of the Atlantic
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://docs.google.com/presentation/d/1WNu6xiVcZ8yyA0aztlJnJDY IPapG8QoldeSuc5vSSgU/edit#slide=id.p
Creator:	COA Landuse Planning Class
Date:	2018
Rights:	In Copyright - Educational Use Permitted
Notes:	A Google Slides presentation
Place:	Maine

Where the Wild Things Were

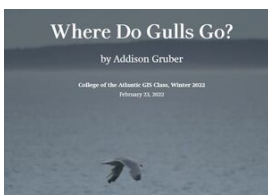|	
Identifier:	2006
Type:	Map
Title:	Where the Wild Things Were
Subject:	Places
Description:	Human Impacts on Wilderness in the Continental United States
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://storymaps.arcgis.com/stories/a7b0cead1cca41a2aee9964c7a 3a213d
Creator:	Clark, Jay
Date:	2021-06
Rights:	In Copyright - Educational Use Permitted
Notes:	A GIS class student final project, in StoryMap format.

Where Do Gulls Go?

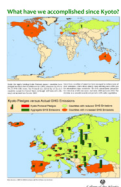|	
Identifier:	2283
Type:	Map
Title:	Where Do Gulls Go?
Subject:	Nature, Animals, Birds
Description:	Herring gulls are found around the world, not only by the sea, despite often being called "seagulls". There is debate over the herring gull's taxonomic status. American ornithologists lump herring gulls in North America and Europe, while European ornithologists split them. They are often described as scavengers, though there is evidence that individual herring gulls specialize on particular food sources (intertidal, aquaculture, ocean, anthropogenic, freshwater).

Collection: Geographic Information Systems (GIS)

Web Resource: storymaps.arcgis.com/stories/2eb6e0e367214f73b31a6a6a9e33dd40

Creator: Addison Gruber

Date: 2022

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class project presented in Story Map format.

Place: Maine

What Have We Accomplished since Kyoto?

Identifier: 2073

Type: Map

Title: What Have We Accomplished since Kyoto?

Subject: Events

Description: Kyoto pledges versus actual greenhouse gas emissions

Collection: Geographic Information Systems (GIS)

Creator: Jane Nurse

Date: 2011

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class student final project, in Layout format
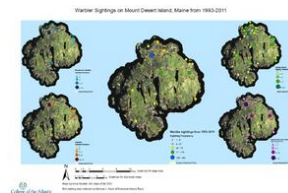
Place: International

Wasted Food: From Farm to Landfill

Identifier: 2030

Type: Map

Title: Wasted Food: From Farm to Landfill

Subject: Businesses, Farming

Description: An analysis of wasted food in Maine, its sources and possible solutions

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/e6c33db1100f409b8ac8463c85 3f48bf

Creator: Jennifer MacNamara

Date: 2021-06

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations student project

Place: Maine

Warbler Sightings on MDI from 1993-2011

Identifier: 2156

Type: Map

Title: Warbler Sightings on MDI from 1993-2011

Subject: Nature, Animals, Birds

Description: Warbler Sightings on MDI from 1993-2011. Source data from Michael Good via EBird

Collection: Geographic Information Systems (GIS)

Creator: Anna Stunkel

Date: 2012

Rights: In Copyright - Educational Use Permitted

Notes: A map layout created using ESRI ArcMap

Place: Mount Desert Island

Trade routes were influenced by the expanion of the Mongol Empire

Identifier: 1248

Type: Map

Title: Trade routes were influenced by the expanion of the Mongol Empire

Subject: Other

Description: Map showing the expansion of the Mongol empire and its effect on major trade routes over a 100 year period.

Collection: Geographic Information Systems (GIS)

Creator: Rose, Teaghan

Date: 2016-03-11

Rights: In Copyright

Tracking Great White Sharks in the Gulf of Maine

Identifier: 2293

Type: Map

Title: Tracking Great White Sharks in the Gulf of Maine

Subject: Nature, Animals, Birds

Description: Acoustic Receivers are monitoring devices that listen for specific sound wavelengths. When these soundwaves are detected a data point is stored and categorized under a unique ID.

Collection: Geographic Information Systems (GIS)

Web Resource: storymaps.arcgis.com/stories/cc87e70fa052487dba9823da0a0a0f28

Creator: Melayna Limardo

Date: 2022

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class project presented in Story Map format.

Place: Maine

Toxic Manufacturing Plants in the United States

Identifier: 2366

Type: Map

Title: Toxic Manufacturing Plants in the United States

Subject: Events

Description: This story map explores toxic manufacturing plants within the United States and how these plants affect the human communities that surround them. It was created in collaboration with Material Research , a low profit organization which provides affordable contract research to mostly non-profit organizations.

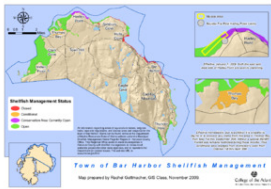Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/e8dd2376d3204aeebe61f7a6e2 06a169

Creator: Selena Sillari

Date: 2022

Rights: In Copyright - Educational Use Permitted

Place: Southwest Harbor

Town of Bar Harbor Shellfish Management Map

Identifier: 2061

Type: Map

Title: Town of Bar Harbor Shellfish Management Map

Subject: Nature, Animals, Birds

Description: Official Town Shellfish Management Map

Collection: Geographic Information Systems (GIS)

Creator: Rachel Guttmacher

Date: 2009

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class student final project, in map Layout format.

Place: Bar Harbor

Town Hill Hannaford Proposal-Digital fly-through model

Identifier: 2373

Type: Map

Title: Town Hill Hannaford Proposal-Digital fly-through model

Subject: Businesses, Store Business

Description: During May 2008, students taking a class in Land Use Planning taught by
Isabel Mancinelli and Gordon Longsworth at College of the Atlantic identified
some major planning issues for Town Hill.

Collection: Geographic Information Systems (GIS)

Web Resource: https://drive.google.com/file/d/1lFeBNzHAEcESkYGewGJ9GqRNjiOe
xD_t/view?usp=share_link
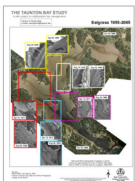
Creator: COA Landuse Planning Class

Date: 2008

Rights: In Copyright - Educational Use Permitted

Notes: A Google Sketch up animation

Place: Bar Harbor, Town Hill

The Taunton Bay Study: Eelgrass 1955-2005

Identifier: 2068

Type: Map

Title: The Taunton Bay Study: Eelgrass 1955-2005

Subject: Nature, Plants

Description: Changes in Eelgrass over time in Taunton Bay, headwaters of Frenchman Bay

Collection: Geographic Information Systems (GIS)

Creator: COA GIS Laboratory

Date: 2006

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Laboratory collaborative project done with the Friends of Taunton Bay. Steve Perrin

Place: Maine

The Geology of National Parks Class, Winter 2023

Identifier: 2385

Type: Map

Title: The Geology of National Parks Class, Winter 2023

Subject: Places

Description: 'Grand Teton National park is located in Northwestern Wyoming and is home to an abundant variety of flora and fauna, lakes, rivers, and the striking Teton range. The Tetons are the youngest of all the mountain ranges in the Rocky Mountain chain yet are made up of the continent's oldest rocks that date back 3 billion years.'

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/fa375dadeb9545b0aaea6cc56da7be85

Creator: The Geology of National Parks Class, Winter 2023

Date: 2023

Rights: In Copyright - Educational Use Permitted

Notes: A collection of Story Maps by students in the Winter 2023 class.

Place: International

The Dynamic Forest Cover of Great Duck Island

Identifier: 2045

Type: Map

Title: The Dynamic Forest Cover of Great Duck Island

Subject: Nature, Plants

Description: Great Duck Island is a 237-acre island 15 km south of Mount Desert Island, Maine. It served as a manned Coast Guard lighthouse post from 1890 until 1986 when it was automated. Sheep grazed the island from the late 19th century until 1951, dramatically impacting the landscape and ecology of the island. In 1985, the Nature Conservancy and the State of Maine gained control of most of the island, collaborating with the College of the Atlantic Eno Research Station to monitor the ecology of the land.

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/d708fcf0bf1941f7b0880b31c3d9fc55

Creator: Finley OConnor

Date: 2021-06

Rights: In Copyright - Educational Use Permitted

Notes: A GIS class student final project, in StoryMap format

Place: Maine

The Dorr Museum Collections and their Global Origins

Identifier:	2042
Type:	Map
Title:	The Dorr Museum Collections and their Global Origins
Subject:	Nature, Animals, Birds
Description:	An exploration of the George B. Dorr Museum of Natural History collections and their origins. The Dorr Museum of Natural History is unique among museums in that its collections have been prepared entirely by students.
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://coagis.maps.arcgis.com/apps/MapSeries/index.html?appid=e48489718ccd4715a66be5e264abe81a
Creator:	Jasper White
Date:	2020
Rights:	In Copyright - Educational Use Permitted
Place:	International

The Bale National Park: Harenna Forest, Ethiopia

Identifier:	2383
Type:	Map
Title:	The Bale National Park: Harenna Forest, Ethiopia
Subject:	Nature, Animals, Birds
Description:	The Harenna forest is the largest cloud forest in Ethiopia, located in the southern region of the Bale mountain range. 60 20' and 60 50'N
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://storymaps.arcgis.com/stories/a36af62382064657a1b704de1a770dc9
Creator:	Rediet Wondwossen Delelegne
Date:	2023
Rights:	In Copyright - Educational Use Permitted
Notes:	A GIS class student project in Story Map format
Place:	International

The Arrogance of Space

Identifier:	2278
Type:	Map
Title:	The Arrogance of Space
Subject:	People
Description:	How changing physical town infrastructure determines the roads ahead
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://storymaps.arcgis.com/stories/51edd37de19d49c7b2970cd6cdd4fa28
Creator:	Nynke Ham
Date:	2022
Rights:	In Copyright - Educational Use Permitted
Notes:	A GIS Foundations class project presented in Story Map format.
Place:	Bar Harbor

Tailings Dams in Brazil

Identifier:	2292
Type:	Map
Title:	Tailings Dams in Brazil
Subject:	Events
Description:	Past, present, and future risks associated with mining dams
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://storymaps.arcgis.com/stories/a6536a4e36854528a5fb852ae884ed33
Creator:	Cora Carvalho
Date:	2022
Rights:	In Copyright - Educational Use Permitted
Notes:	A GIS Foundations class project presented in Story Map format.
Place:	International

Suitability for Residential Development on Vinalhaven Island

Identifier:	2078
Type:	Map
Title:	Suitability for Residential Development on Vinalhaven Island
Subject:	Places, Island
Description:	Based on a map series funded by the Vinalhaven Land Trust. This map was presented at the ESRI International Use Conference in 2003 and was selected to be included in the ESRI Map Book. The Web link below will go to the full map series.
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://drive.google.com/drive/folders/0B6YGropU35o6SWVXWmhIcHJ5UUU?resourcekey=0--X4T2_95SseNihJ0_5kG_Q&usp=sharing
Creator:	COA GIS Laboratory
Date:	2003
Rights:	In Copyright - Educational Use Permitted
Notes:	This project was conducted over a one-year period by COA students and staff.
Place:	Maine

Studying Land Features using Drone Imagery

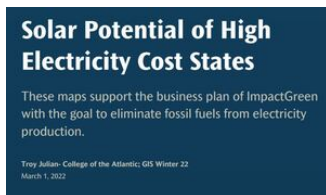|	
Identifier:	2057
Type:	Map
Title:	Studying Land Features using Drone Imagery
Subject:	Nature, Plants
Description:	Studying Chlorophyll Concentration and Land Classification using Drone Imagery
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://coagis.maps.arcgis.com/apps/MapSeries/index.html?appid=0cf2adf182f84d6bbd4ca1f258c5e214
Creator:	Bianca Massacci
Date:	2019
Rights:	In Copyright - Educational Use Permitted
Notes:	A GIS class student final project, in StoryMap format

Standing Stones and other Megaliths of St Just

Identifier:	2049
Type:	Map
Title:	Standing Stones and other Megaliths of St Just
Subject:	Places, Landscape
Description:	A record of the Neolithic and Bronze Age archeological sites and monuments of Saint Just, Brittany.
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://storymaps.arcgis.com/stories/3edd0a80cd114d02af9bdeb1b446d30b
Creator:	Phileas Dazeley-Gaist
Date:	2020
Rights:	In Copyright - Educational Use Permitted
Notes:	A GIS class student final project, in StoryMap format
Place:	International

Solar Potential of High Electricity Cost States

Identifier:	2279
Type:	Map
Title:	Solar Potential of High Electricity Cost States
Subject:	People
Description:	These maps support the business plan of ImpactGreen with the goal to eliminate fossil fuels from electricity production.
Collection:	Geographic Information Systems (GIS)
Web Resource:	storymaps.arcgis.com/stories/0dc3a5bf65d1474c831c6f23d3a963ee
Creator:	Troy Julian
Date:	2022
Rights:	In Copyright - Educational Use Permitted
Notes:	A GIS Foundations class project presented in Story Map format.
Place:	Maine

Soil, Water, Sun, Steak, an analysis of irrigation at the DD Ranch

Identifier:	2046
Type:	Map
Title:	Soil, Water, Sun, Steak, an analysis of irrigation at the DD Ranch
Subject:	Businesses, Farming
Description:	Irrigating for beef production at the DD Ranch
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://storymaps.arcgis.com/stories/dcf32420e1d042848ff12cc0e49c8e2b
Creator:	Cyrus Johnson
Date:	2021-06
Rights:	In Copyright - Educational Use Permitted
Notes:	A GIS class student final project, in StoryMap format

Snowy Owl Ecology and the Mystery of Irruptions

Identifier:	1198
Type:	Map
Title:	Snowy Owl Ecology and the Mystery of Irruptions
Subject:	Other
Description:	ESRI Story Map created by COA student Lea Savarese in GIS Spring 2017.
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://coagis.maps.arcgis.com/apps/Cascade/index.html?appid=143 a0549801f4bfdbf49f7ad437d07c5
Creator:	Savarese, Lea
Date:	2017
Rights:	In Copyright

Site Suitability for Inshore Aquaculture Development Downeast

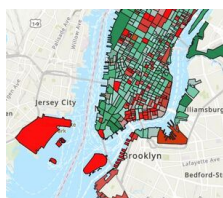|	
Identifier:	2037
Type:	Map
Title:	Site Suitability for Inshore Aquaculture Development Downeast
Subject:	Businesses, Farming
Description:	Site Suitability for Inshore Aquaculture Development Downeast
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://coagis.maps.arcgis.com/apps/MapSeries/index.html?appid=e2 e907c17cb24f00bf9336540f7e1c15
Creator:	Adaline Huckins
Date:	2020
Rights:	In Copyright - Educational Use Permitted
Notes:	A GIS Foundations class student project
Place:	Maine

Site Selection for a New Green Cafe in Manhattan

Identifier:	2044
Type:	Map
Title:	Site Selection for a New Green Cafe in Manhattan
Subject:	Businesses, Restaurant Business
Description:	This story map is a consulting simulation. ArcGIS Pro and Business Analyst tools will be used to help find a suitable site location for a new artisan cafe known as The Green Bean. All details used to guide this project were obtained from The Green Bean Business Plan'.
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://coagis.maps.arcgis.com/apps/MapSeries/index.html?appid=f2 91ddc6e7224fdbbe96811b8c68f6d0
Creator:	Ngawang Chhoedron
Date:	2019
Rights:	In Copyright - Educational Use Permitted
Notes:	A GIS Foundations class student project

Shipwrecks of Mount Desert Island

Identifier: 2077

Type: Map

Title: Shipwrecks of Mount Desert Island

Subject: Vessels, Boat

Description: A map showing shipwrecks around MDI identifying where the wrecks are and pictures of them.

Collection: Geographic Information Systems (GIS)
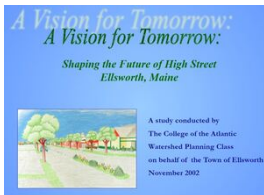
Creator: Crista Shere

Date: 2012

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class student final project, in Layour format

Place: Maine

Shaping the Future of High Street in Ellsworth

Identifier: 2367

Type: Map

Title: Shaping the Future of High Street in Ellsworth

Subject: Places

Description: A study conducted by
The College of the Atlantic
Watershed Planning Class
on behalf of the Town of Ellsworth
November 2002

Collection: Geographic Information Systems (GIS)

Web Resource: https://docs.google.com/presentation/d/1zq1MlAdTdICZqD-JODBf0lXU-wlo5hAnzIuc_aM-PMs/edit#slide=id.p1

Creator: COA Landuse Planning Class

Date: 2002

Rights: In Copyright - Educational Use Permitted

Notes: A Google Slides presentation

Place: Maine

San Salvador Volcano Evacuation Plan

Identifier: 1246

Type: Map

Title: San Salvador Volcano Evacuation Plan

Subject: Other

Description: Analysis of impact areas, high risk areas, and potential evacuation routes for San Salvador in the event of the Boqueron Volcano erupting.
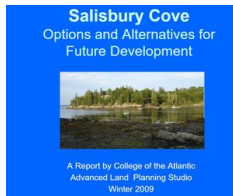
Collection: Geographic Information Systems (GIS)

Creator: Barahona, Elisa

Date: 2015

Rights: In Copyright

Salisbury CoveOptions and Alternatives for Future Development

Identifier: 2369

Type: Map

Title: Salisbury CoveOptions and Alternatives for Future Development

Subject: Places

Description: A Report by College of the Atlantic
Advanced Land Planning Studio
Winter 2009

Collection: Geographic Information Systems (GIS)

Web Resource: https://docs.google.com/presentation/d/1SqvSSSHOK9cgpBLt-Z_YfA
J1yHkVZ5AkRTTFg3f7044/edit#slide=id.p1

Creator: COA Advanced Landuse Planning Class

Date: 2009

Rights: In Copyright - Educational Use Permitted

Notes: A Google Slides presentation

Place: Bar Harbor

Rockweed in Frenchman Bay

Identifier: 2142

Type: Map

Title: Rockweed in Frenchman Bay

Subject: Nature, Plants

Description: Rockweed is a brown algae found on rocky shores. The most
common types of rockweed are within the genus Ascophyllum spp.
and Fucus spp. (the latter is shown to the left). They grow slowly and
can live from 3 to 15 years before breakage. Rockweeds have fronds
that bear air bladders. These 'airbags' help the algae to stand up
straight under water. Rockweed lacks true roots, stems, and leaves,
and because they lack a vascular system, absorb dissolved nutrients
directly through the blades. Rockweed attaches to rocks with a
disc-like holdfast, and regenerate fronds from remaining holdfasts
after a natural disturbance that removes upright fronds.

Collection: Geographic Information Systems (GIS)

Web Resource: http://bit.ly/RockweedFrenchmanBay

Creator: Coral Matos

Date: 2018

Rights: In Copyright - Educational Use Permitted

Notes: A GIS1 Student Project in ESRI Story Map Format

Place: Mount Desert Island

Rocks and Minerals in Maine

Identifier: 2147

Type: Map

Title: Rocks and Minerals in Maine

Subject: Places, Landscape

Description: The Rocks and Minerals class of Fall, 2021 taught by Sarah Hall has
created an exhibit in the Dorr museum showcasing their collections.
These collections are samples of a range of rocks and minerals found

in Maine which, when viewed, show the incredible and fascinating world of geology. Should you like to learn more about the places the class collected from, this website is a supplement to the map placed in the Dorr Museum.

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/c4ff1dbc468e407f9bc32668173eb0ff

Creator: Emily Fischer

Date: 2021

Rights: In Copyright - Educational Use Permitted

Notes: A GIS1 student class project, in ESRI Story Map format

Place: Maine

River Herring in the Concord River Watershed

Identifier: 2384

Type: Map

Title: River Herring in the Concord River Watershed

Subject: Nature, Animals, Birds

Description: Since long ago, each spring the River Herring swam up the Concord, Sudbury and Assabet Rivers (SUASCO) in unfathomable numbers to spawn. Their numbers turned the sluggish river turbulent with movement, and their masses colored the water black. Nipmuc, Pawtucket, and Massachuset people, their ancestors before them, and later English colonists, treasured these runs for food and fertilizer, and many seasonal communities were once situated at ideal fishing places. The industrial revolution came with largely little heed to the fish or those that used them.

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/a61c71d38b2c4701acdd4f0ef9ecc2f5

Creator: Lucian Vazquez

Date: 2023

Rights: In Copyright - Educational Use Permitted

Notes: A GIS class student project in Story Map format

Place: International

River Herring in Maine

Identifier: 1200

Type: Map

Title: River Herring in Maine

Subject: Other

Description: ESRI Story Map created by COA student Henry Luedtke in GIS Winter 2018.

Collection: Geographic Information Systems (GIS)

Web Resource: https://coagis.maps.arcgis.com/apps/Cascade/index.html?appid=20deda8cef8b415f9e7a0fb44bf9bc1a

Creator: Luedtke, Henry

Date: 2018

River Herring Co-management in Downeast Maine

Identifier: 2398

Type: Map

Title: River Herring Co-management in Downeast Maine

Subject: Nature, Animals, Birds

Description: A final project for College of the Atlantic's Fisheries, Fishermen, and Fishing Communities course 2023

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/1d6e545864c048b9a64f4b2ccb 94df16

Creator: Emily Rose Stringer & Sophie Chivers

Date: 2023

Rights: In Copyright - Educational Use Permitted

Notes: A COA student project in Story Map format

Place: Maine

River Herring at Wight's Pond

Identifier: 2397

Type: Map

Title: River Herring at Wight's Pond

Subject: Nature, Animals, Birds

Description: an outreach piece from College of the Atlantic's Fisheries, Fishermen, and Fishing Communities course 2023

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/c1ce96dbcab44f758bf6542c5dfa fc73#n-Ly4fd3

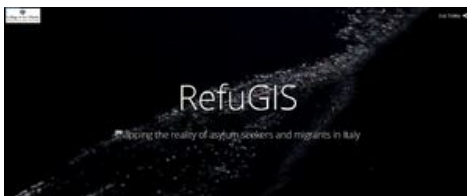Creator: Jessica Bonilla & Emily Rose Stringer

Date: 2023

Rights: In Copyright - Educational Use Permitted

Notes: A COA student project in Story Map format

Place: Maine

RefuGIS: mapping the reality of asylum seekers and migrants in Italy

Identifier: 1121

Type: Map

Title: RefuGIS: mapping the reality of asylum seekers and migrants in Italy

Subject: Other

Description: ESRI Story Map created by COA student Eva Trotta in GIS Fall 2018.

Collection: Geographic Information Systems (GIS)

Web Resource: https://coagis.maps.arcgis.com/apps/Cascade/index.html?appid=151f 8419d7ec40c39f3b34f36954793c

Creator: Trotta, Eva

Date: 2018

Rights: In Copyright

Reduction of Arsenic in Groundwater by Filtration Systems

Identifier:	2395
Type:	Map
Title:	Reduction of Arsenic in Groundwater by Filtration Systems
Subject:	Other
Description:	32 private wells in Mount Desert Island were used for this study to analyze the effectiveness of different water treatment systems.
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://storymaps.arcgis.com/stories/d5ca34ed1b434aa493efea42b8 691717
Creator:	Ludwin Moran Sosa
Date:	2023
Rights:	In Copyright - Educational Use Permitted
Notes:	College of the Atlantic student work in Story Map format.
Place:	Mount Desert Island

Quarries in Southwestern Maine

Identifier:	2295
Type:	Map
Title:	Quarries in Southwestern Maine
Subject:	Places, Landscape
Description:	Some selective quarries and mineralogy of southwestern Maine
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://storymaps.arcgis.com/stories/e4a491e3f14840ef848c0b8d907 3b7c4
Creator:	Haider Ali
Date:	2022
Rights:	In Copyright - Educational Use Permitted
Notes:	A GIS Foundations class project presented in Story Map format.
Place:	Maine

Puzzle of Packs

Identifier:	1201
Type:	Map
Title:	Puzzle of Packs
Subject:	Other
Description:	ESRI Story Map created by COA student Jenny Reichert in GIS Winter 2019.
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://coagis.maps.arcgis.com/apps/Cascade/index.html?appid=46c 23dc6eda24198baa75c8d27f1ae89
Creator:	Reichert, Jenny
Date:	2019
Rights:	In Copyright

Pulling Natures Linchpin:

Identifier: 2387

Type: Map

Title: Pulling Natures Linchpin:

Subject: Nature, Animals, Birds

Description: A Study of Potential Correlations between Declining bat Populations and Modern Mosquito-born Epidemics

Collection: Geographic Information Systems (GIS)

Web Resource: https://coagis.maps.arcgis.com/apps/Cascade/index.html?appid=ab565dbb28684267922e0ed8e18a5fe8
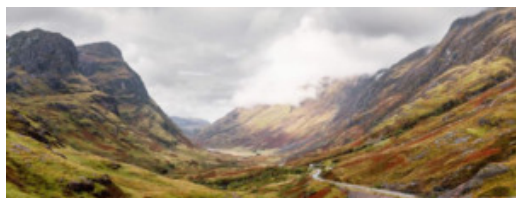
Creator: Truth Muller

Date: 2018

Rights: In Copyright - Educational Use Permitted

Notes: A GIS class student project in Story Map format.

Project Scotland

Identifier: 2364

Type: Map

Title: Project Scotland

Subject: Nature, Animals, Birds

Description: Natural Resource Management for Biodiversity. Understanding Scotland's protected habitats and their inhabitants.

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/04cc7cf98ec04fbabb0380d9339db30f

Creator: Hannah Gower-Fox

Date: 2022

Rights: In Copyright - Educational Use Permitted

Notes: A GIS class student project in Story Map format

Place: International

Potential Effects of Sea Level Rise on the Duck Islands

Identifier: 2065

Type: Map

Title: Potential Effects of Sea Level Rise on the Duck Islands

Subject: Events

Description: Potential Effects of Sea Level Rise on Great and Little Duck Islands

Collection: Geographic Information Systems (GIS)

Creator: Jane Strader

Date: 2013

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class student final project, in Layout format.

Place: Maine

Planning for Climate Change in Denmark

Identifier:	2040
Type:	Map
Title:	Planning for Climate Change in Denmark
Subject:	Events
Description:	This GIS story map introduces you to Denmark and the current climate politics in the country. We will then have a look at Denmark in a global context and finally, examine how GIS can help us when we are "Planning for climate change in Denmark".
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://coagis.maps.arcgis.com/apps/MapSeries/index.html?appid=8cc1b50e05904affab93f0ca4e2ae1fb
Creator:	Katrine Oesterby
Date:	2020
Rights:	In Copyright - Educational Use Permitted
Notes:	A GIS Foundations class student project
Place:	International

On Track of the Pale Clouded Yellow Butterfly

Identifier:	2286
Type:	Map
Title:	On Track of the Pale Clouded Yellow Butterfly
Subject:	Nature, Animals, Birds
Description:	Where it lives and how we might save it
Collection:	Geographic Information Systems (GIS)
Web Resource:	storymaps.arcgis.com/stories/ab563bf4db484e9d8a7fd20d76697aa6
Creator:	Anna Heiting
Date:	2022
Rights:	In Copyright - Educational Use Permitted
Notes:	A GIS Foundations class project presented in Story Map format.
Place:	International

Offshore Wind Power

Identifier:	1196
Type:	Map
Title:	Offshore Wind Power
Subject:	Other
Description:	ESRI Story Map created by COA student Agim Mazreku in GIS Winter 2018.
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://coagis.maps.arcgis.com/apps/Cascade/index.html?appid=eb4b920fc3c84551b9c4f4cdb9c34275
Creator:	Mazreku, Agim
Date:	2018
Rights:	In Copyright

Northern Pacific Sound Pollution

Identifier: 2377

Type: Map

Title: Northern Pacific Sound Pollution

Subject: Nature, Animals, Birds

Description: The longest distance a human shout has been heard from is just over 10 miles, and that scream happened over a lake. Researchers have estimated that a whale scream, or more so a song, can be heard from over 10,000 miles away! Though we can't always hear these songs because of their low frequencies, whales can listen and respond to each other from oceans away.

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/48c025dd8f1c4b61b00082b75ef383df

Creator: Mallory McElhaney

Date: 2023

Rights: In Copyright - Educational Use Permitted

Notes: A GIS class student project in Story Map format

Place: International

North Woods Ways

Identifier: 2389

Type: Map

Title: North Woods Ways

Subject: Places

Description: North Woods Ways
Academic and Recreational Uses

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/1e19ddcf4ab04b9f83337e5dd65f4494

Creator: Elliot Baillos

Date: 2022

Rights: In Copyright - Educational Use Permitted

Notes: A GIS class student project in Story Map format.

Place: Maine

Nesting Sea Turtles on a Changing Caribbean Island

Identifier: 2391

Type: Map

Title: Nesting Sea Turtles on a Changing Caribbean Island

Subject: Nature, Animals, Birds

Description: The Buck Island Sea Turtle Research Program (BISTRP) is a long-term sea turtle monitoring project that focuses on nesting sea turtles in the Caribbean. BISTRP was initiated by the National Park Service in 1988 after Buck Island was identified as an important nesting beach for sea turtles, in particular for the critically endangered Hawksbill sea turtle. Since 1988, the program has conducted annual monitoring of the nesting sea turtles on Buck

Island with the goal of identifying each nesting female, collecting biological data, and tracking nest success on the island.

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/a08e4636ef6945b0a1a93820bcb334ca
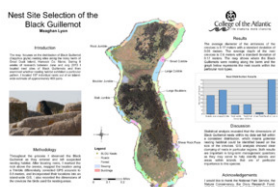
Creator: Georgia Lattig

Date: 2023

Rights: In Copyright - Educational Use Permitted

Notes: A GIS class student project in Story Map format

Place: International

Nest Site Selection of the Black Guillemot on Great Duck island

Identifier: 2062

Type: Map

Title: Nest Site Selection of the Black Guillemot on Great Duck island

Subject: Nature, Animals, Birds

Description: Nesting sites along the rocky berm of Great Duck Island.

Collection: Geographic Information Systems (GIS)

Creator: Meaghan Lyon

Date: 2013

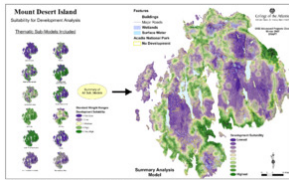Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class student final project, in map Layout format.

Place: Maine

Mussel Power In Estonia

Identifier: 2036

Type: Map

Title: Mussel Power In Estonia

Subject: Businesses, Farming

Description: Exploring the potential Blue mussel aquaculture sites in Estonian waters

Collection: Geographic Information Systems (GIS)

Web Resource: https://coagis.maps.arcgis.com/apps/MapSeries/index.html?appid=d26617312c07456fb4d3c84f40a447d6

Creator: Annaleena Vaher

Date: 2020

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class student project

Place: International

Multi-Use Paths on Mount Desert Island

Identifier: 2391

Type: Map

Title: Multi-Use Paths on Mount Desert Island

Subject: Places

Description: Nynke's project included conversations with community members and leaders, fieldwork to find abandoned paths, designs of multi-use paths, and map-making in GIS. This project flowed out of an earlier

class focused on Active Transportation (Bicycle and Pedestrian) in Bar Harbor in the Spring of 2022. However, this project is not supposed to be about me; I am far from a neutral player that collected information to revitalize Active Transportation advocacy on MDI.

Collection:	Geographic Information Systems (GIS)
Web Resource:	https://storymaps.arcgis.com/stories/54a8f58293244f9c8faa30c362190fb3
Creator:	Nynke Ham
Date:	2023
Rights:	In Copyright - Educational Use Permitted
Notes:	Companion Slides: https://docs.google.com/presentation/d/1MqN3_G3QGGSxZjAB8TILtyMeIDxFKDVecyfuEx3QOC4/edit#slide=id.p
Place:	Mount Desert Island

Mount Desert Island Suitability for Housing Development

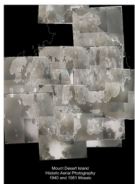|	
Identifier:	2074
Type:	Map
Title:	Mount Desert Island Suitability for Housing Development
Subject:	Places
Description:	Mount Desert Island Suitability for Housing Development based on 12 thematic layers weighted for development suitability
Collection:	Geographic Information Systems (GIS)
Creator:	Advanced GIS class
Date:	2007
Rights:	In Copyright - Educational Use Permitted
Notes:	An Advanced GIS class final project, in Layout format
Place:	Bar Harbor

Mount Desert Island Historical Aerial Photography 1940 and 1981 Mosaic

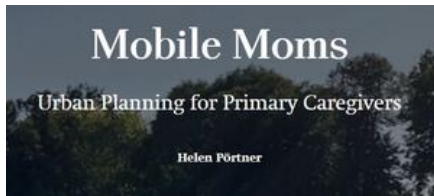|	
Identifier:	2075
Type:	Map
Title:	Mount Desert Island Historical Aerial Photography 1940 and 1981 Mosaic
Subject:	Places
Description:	These photos were taken at the Soil and Water Conservation Service office in Dover-Foxcroft, Maine
Collection:	Geographic Information Systems (GIS)
Creator:	COA GIS Laboratory
Date:	2015
Rights:	In Copyright - Educational Use Permitted
Notes:	A COA GIS Lab project done by students and staff
Place:	Mount Desert Island

Mobile Moms

Identifier: 2034

Type: Map

Title: Mobile Moms

Subject: People

Description: Urban Planning for Primary Caregivers, Utrecht, Netherlands

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/77c3b63abf704f5f9a202c4fee1fd9a7

Creator: Helen Portner

Date: 2021-06

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class student project

Place: International

Measles: Understanding Outbreaks

Identifier: 2386

Type: Map

Title: Measles: Understanding Outbreaks

Subject: People

Description: Measles is an air-born infection caused by a paramyxovirus, mostly common in early childhood. In the present day, measles is considered an extinct disease in most parts of the world. According to WHO, in 1980, before widespread vaccination, measles caused an estimated 2.6 million deaths each year. However, in the recent years, the once eradicated disease started resurfacing in countries like New Zealand, Australia, and United States (CDC). It is one of the leading causes of death among young children even though a safe and cost-effective vaccine is available (WHO).

Collection: Geographic Information Systems (GIS)

Web Resource: https://coagis.maps.arcgis.com/apps/MapSeries/index.html?appid=1f0d97ffa80a48f2a9840684b3dbf778
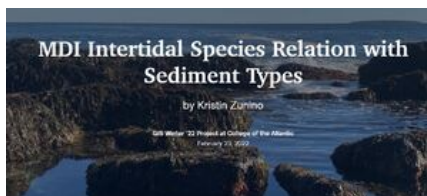
Creator: Porcia Manandhar

Date: 2017

Notes: A student GIS class project in Story Map format

Place: International

MDI Intertidal Species Relation with Sediment Types

Identifier: 2282

Type: Map

Title: MDI Intertidal Species Relation with Sediment Types

Subject: Nature, Animals, Birds

Description: Intertidal species set themselves on sediment types based on feeding patterns and protection coverage from predators.

Collection: Geographic Information Systems (GIS)

Web Resource: storymaps.arcgis.com/stories/d21ffa9be3264eca94125a1c6707a930

Creator: Kristin Zunino

Date: 2022

Maine Oyster Trail Pilot Project, Damariscotta River

Identifier: 2081

Type: Map

Title: Maine Oyster Trail Pilot Project, Damariscotta River

Subject: Nature, Animals, Birds

Description: A Map showing land use, waterfront access, and other factors important to Oyster aquiculture.

Collection: Geographic Information Systems (GIS)
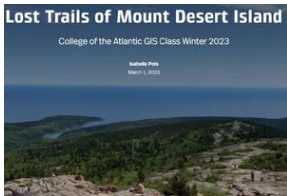
Creator: COA GIS Laboratory

Date: 2016

Rights: In Copyright - Educational Use Permitted

Notes: Data was gathered and provided by Maine Sea Grant, from various sources.

Place: Maine

Lost Trails of Mount Desert Island

Identifier: 2382

Type: Map

Title: Lost Trails of Mount Desert Island

Subject: Places, Landscape

Description: The history of the trail system on Mount Desert Island is complex, dense, and vast. There were many people who were vital to the creation of the hundreds of trails that exist and have existed on Mount Desert Island. Both organizations and individuals contributed to the planning, building, and maintenance of the trails that make up Acadia National Park.

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/cf071c83397448e6a3099dbec0ed0ad4

Creator: Isabella Pols

Date: 2023

Rights: In Copyright - Educational Use Permitted

Notes: A GIS class student project in Story Map format

Place: Acadia National Park

Life on a Barren Rock (Mount Desert Rock)

Identifier: 2363

Type: Map

Title: Life on a Barren Rock (Mount Desert Rock)

Subject: Nature, Plants

Description: Introducing the "Photosynthesizers" of Mount Desert Rock

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/d82c9cb0d83145fcb7d6292983014047

Creator: Annika Ross

Date: 2022

Rights: In Copyright - Educational Use Permitted

Notes: A GIS class student project in Story Map format

Place: Mount Desert Rock

Lead in taps from public water sources

Identifier: 2396

Type: Map

Title: Lead in taps from public water sources

Subject: Other

Description: This story map provides a brief presentation and discussion of the water quality data collected from 43 taps on the COA campus during 2022. While 28 elements were included in the test, the report focuses mainly on lead levels from various campus taps.

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/eed98eb4875b46ae92089f47d6 1eda67
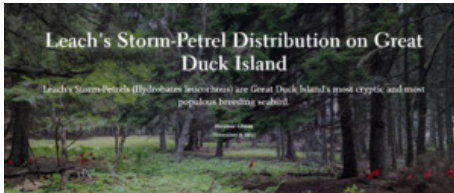
Creator: Ludwin Moran & Sarah Hall

Date: 2023

Rights: In Copyright - Educational Use Permitted

Notes: A collaborative project by student Ludwin Moran and faculty Sarah Hall, in Story Map format.

Place: Mount Desert Island

Leach's Storm-Petrel Distribution on Great Duck Island

Identifier: 2361

Type: Map

Title: Leach's Storm-Petrel Distribution on Great Duck Island

Subject: Nature, Animals, Birds

Description: Leach's Storm-Petrels (Hydrobates leucorhous) are Great Duck Island's most cryptic and most populous breeding seabird.

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/8ce6941d13fe4a679b793f21555 73e48

Creator: Eleanor Gnam

Date: 2022

Rights: In Copyright - Educational Use Permitted

Notes: A GIS class student project in Story Map format

Place: Frenchboro, Great Duck Island

Leach's Storm-Petrel Distribution on Great Duck Island

Identifier: 2390

Type: Map

Title: Leach's Storm-Petrel Distribution on Great Duck Island

Subject: Nature, Animals, Birds

Description: Great Duck Island (GDI) is a 91-hectare island lying 13 kilometers south of Mount Desert Island in the Gulf of Maine. GDI has a long history of human occupation, and has been farmed, grazed, and lived

upon since the early 19th century. Today, approximately 85 hectares of the island are co-owned by TNC and the state of Maine and has been managed as a preserve since 1985. There is a small private inholding on the north end of the island, and the remaining five hectares are owned by the College of the Atlantic (COA). COA manages the Alice Eno Field Station out of the light station on the south end of the island, where students have conducted regular research on the ecology of the island since 1999 (Anderson 2018)

Collection:	Geographic Information Systems (GIS)
Web Resource:	https://storymaps.arcgis.com/stories/8ce6941d13fe4a679b793f21555 73e48
Creator:	Eleanor Gnam
Date:	2022
Rights:	In Copyright - Educational Use Permitted
Notes:	A GIS class student project in Story Map format.
Place:	Frenchboro, Great Duck Island

Landscape of Change

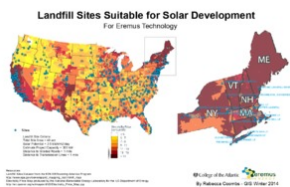|	
Identifier:	2082
Type:	Map
Title:	Landscape of Change
Subject:	Nature, Animals, Birds
Description:	Exploring the Past to Build a Resilient Future
	To understand how climate change is affecting Mount Desert Island we need to look to the past. Our ancestors documented the natural world around them in stories, reports, journals, diaries, and letters, which are cared for in the collections of history museums and libraries. Increasingly, scientists are pulling observations and data from historic records to get a clearer picture of the natural world of the past to understand how the present is changing.
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://storymaps.arcgis.com/stories/dcb1b25509e64b628ce40c5ae7 ed4675
Creator:	Mount Desert Island Historical Society
Date:	2021
Rights:	In Copyright - Educational Use Permitted
Notes:	A Story Map developed by a number of partners who collaborated on this project. GIS Mapping by COA student Jasper White
Place:	Mount Desert Island

Landfill Sites Suitable for Solar Development

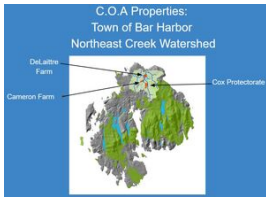|	
Identifier:	1238
Type:	Map
Title:	Landfill Sites Suitable for Solar Development
Subject:	Other
Description:	Suitability analysis of landfill sites for solar power development in the US and northeast, for Eremus Energy
Collection:	Geographic Information Systems (GIS)
Creator:	Coombs, Rebecca

Date: 2014

Rights: In Copyright

Land Use Analysis for New COA Properties: Peggy Rockefeller Farm and Cox Protectorate

Identifier: 2370

Type: Map

Title: Land Use Analysis for New COA Properties: Peggy Rockefeller Farm and Cox Protectorate

Subject: Businesses, Farming

Description: A study by the COA Landuse Planning Class

Collection: Geographic Information Systems (GIS)

Web Resource: https://docs.google.com/presentation/d/1Tos_VPiRHgtFqBROuL7un AjgsidHoKaumZo6B7-u-x4/edit#slide=id.p1

Creator: COA Landuse Planning Class

Date: 2012

Rights: In Copyright - Educational Use Permitted

Notes: A Google Slides presentation

Place: Bar Harbor

Lake Erie Microplastics

Identifier: 2033

Type: Map

Title: Lake Erie Microplastics

Subject: Places, Landscape

Description: an interactive look at Lake Erie and its watershed using data that Adam collected

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/a6aab6ae948e481f847cad4fdd3 cda09

Creator: Adam Feher

Date: 2021-06

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class student project

J-Pod Southern Resident Killer Whale Movement

Identifier: 2376

Type: Map

Title: J-Pod Southern Resident Killer Whale Movement

Subject: Nature, Animals, Birds

Description: How vessel traffic, chinook salmon, water quality, climate, and the navy impact how J-Pod moves throughout the Salish Sea

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/432861e7720947e79c8b05f12e b460bc

Creator: Chloe Meyer

Date: 2023

Rights: In Copyright - Educational Use Permitted

Notes: A GIS class student project in Story Map format

Place: International

Japanese Barberry on the COA Campus

Identifier: 2060

Type: Map

Title: Japanese Barberry on the COA Campus

Subject: Nature, Plants

Description: A survey and map of Japanese Barberry on the COA Campus

Collection: Geographic Information Systems (GIS)

Creator: Will Broussard

Date: 2007

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class student final project, in map Layout format.

Place: Bar Harbor

Interpreting the Songbirds of Great Duck Island, Maine

Identifier: 2379

Type: Map

Title: Interpreting the Songbirds of Great Duck Island, Maine

Subject: Nature, Animals, Birds

Description: Songbirds use islands for breeding and migrating. Great Duck Island is located 10 miles from Mount Desert Island, Maine; it is about 200 acres large and consists of a variety of habitat types.

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/ef89019fa2624ab5903813387c49fe19

Creator: Levi Sheridan

Date: 2023

Rights: In Copyright - Educational Use Permitted

Notes: A GIS class student project in Story Map format

Place: Frenchboro, Great Duck Island

Intense Precipitation in Acadia National Park

Identifier: 2291

Type: Map

Title: Intense Precipitation in Acadia National Park

Subject: Events

Description: The damage caused by increasingly strong storms because of climate change.

Collection: Geographic Information Systems (GIS)

Web Resource: storymaps.arcgis.com/stories/62e7c88f04c548c79ce7b17ba5e7fa37
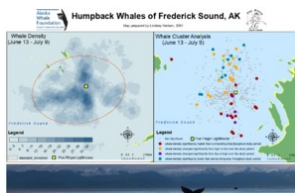
Creator: Massimo Hamilton

Date: 2022

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class project presented in Story Map format.

Place: Acadia National Park

Humpback Whales of Frederick Sound, AK

Identifier: 1240

Type: Map

Title: Humpback Whales of Frederick Sound, AK

Subject: Other

Description: Density and cluster analysis of humpback whales in Frederick Sound, Alaska, in partnership with Five Finger LightHouse and the Alaska Whale Foundation.

Collection: Geographic Information Systems (GIS)

Creator: Nielsen, Lindsey

Date: 2011

Rights: In Copyright

How to Shred Without Getting Shredded

Identifier: 2287

Type: Map

Title: How to Shred Without Getting Shredded

Subject: Events

Description: Avalanche Awareness in the Washington Backcountry

Collection: Geographic Information Systems (GIS)

Web Resource: storymaps.arcgis.com/stories/32da669b20bc4bc598f6ea8d95adebb4
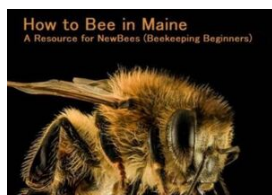
Creator: Ellie Jackson

Date: 2022

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class project presented in Story Map format.

How to Bee in Maine

Identifier: 2039

Type: Map

Title: How to Bee in Maine

Subject: Nature, Animals, Birds

Description: Pollinators such as wild bees and the Western honeybee, Apis mellifera, are important to humans and nature. Seventy-five percent of food crops and 90% of wild flowering plants benefit from animal pollinators (IPBES 2016).

Collection: Geographic Information Systems (GIS)

Web Resource: https://coagis.maps.arcgis.com/apps/MapSeries/index.html?appid=618c26c8d57f47ce993327ecb447c15f

Creator: Judith Aerseth Tunstad

Date: 2020

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class student project202

Place: Maine

Housing: The New Luxury

Identifier:	2032
Type:	Map
Title:	Housing: The New Luxury
Subject:	Other
Description:	The affordable housing crisis in vacation towns is pushing the locals and workers elsewhere. And the solutions are not so simple
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://storymaps.arcgis.com/stories/dffeed97114041e2a7c05706351 6c26b
Creator:	Cali Martinez
Date:	2021-06
Rights:	In Copyright - Educational Use Permitted
Notes:	A GIS Foundations class student project
Place:	Maine

Housing Inventory and Usage Analysis of Bar Harbor, ME

Identifier:	2394
Type:	Map
Title:	Housing Inventory and Usage Analysis of Bar Harbor, ME
Subject:	Places
Description:	High number of tourist every summer and the popularity of Bar Harbor are raising the prices of housing on Bar Harbor making it difficult to find affordable houses; especially for people who want to live in Bar Harbor year round, as the incentives to rent out housing to tourists are high. To understand better how to tackle this housing crisis it is important to understand the housing situation in Bar Harbor better, to later be able to find the right locations for future housing development.
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://storymaps.arcgis.com/stories/409c524889504492845f5d4391 c35062
Creator:	Bennet Peters
Date:	2023
Rights:	In Copyright - Educational Use Permitted
Notes:	A GIS class student project in Story Map format.
Place:	Bar Harbor

Horse Healthcare in Maine

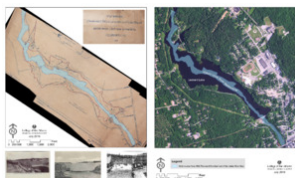|	
Identifier:	2048
Type:	Map
Title:	Horse Healthcare in Maine
Subject:	Nature, Animals, Birds
Description:	The USDA reported a shortage of veterinarians in at least 500 counties spanning 44 states. This shortage is mostly in rural areas and therefore has a larger effect on large animals and livestock. American Veterinary Medical Association (AVMA) reported that only 10% of graduates had an interest in working with livestock.

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/1c2f0b1e1aa741caa28e6eb24e
d33b54

Creator: Danielle Parker

Date: 2021-06

Rights: In Copyright - Educational Use Permitted

Notes: A GIS class student final project, in StoryMap format
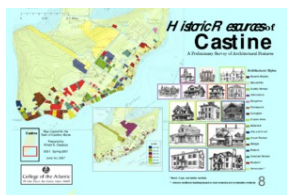
Place: Maine

Historic Union River Watercourse through Ellsworth, Maine

Identifier: 2080

Type: Map

Title: Historic Union River Watercourse through Ellsworth, Maine

Subject: Places

Description: A map comparing the original watercourse as shown on a 1902 plan, overlaid with the modern GIS layer of the river.

Collection: Geographic Information Systems (GIS)

Creator: COA students

Rights: In Copyright - Educational Use Permitted

Notes: This map display was done for the Downeast Salmon Federation by COA GIS Lab staff.

Historic Resources of Castine: A Preliminary Survey of Architectural Features

Identifier: 1239

Type: Map

Title: Historic Resources of Castine: A Preliminary Survey of Architectural Features

Subject: Other

Description: Analysis of diverse historical architecture styles in Castine, Maine.

Collection: Geographic Information Systems (GIS)

Creator: Casazza, Allison E.

Date: 2007-07-01

Rights: In Copyright

High Peaks Region of the Adirondacks

Identifier: 2054

Type: Map

Title: High Peaks Region of the Adirondacks

Subject: Places

Description: The Adirondacks is a state park in Upstate New York that encompasses 6 million acres (larger than any National Park). The park contains a Forest Preserve that encompasses 2.6 million acres. The other 3.4 million acres are privately owned land that is regulated by the Adirondack Park Agency.

Collection: Geographic Information Systems (GIS)

Web Resource: https://coagis.maps.arcgis.com/apps/MapSeries/index.html?appid=b4
653f2fe6114c119519b2970df4118a

Creator: Betsy Randolph

Date: 2019

Rights: In Copyright - Educational Use Permitted

Notes: A GIS class student final project, in StoryMap format

Hancock County's Fragmented Farmland

Identifier: 2288

Type: Map

Title: Hancock County's Fragmented Farmland

Subject: Businesses, Farming

Description: An exploration of current and possible agricultural land on this coastal county in Maine.

Collection: Geographic Information Systems (GIS)

Web Resource: storymaps.arcgis.com/stories/d71adb0478934943bc1dfac1e188b750
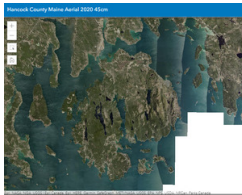
Creator: Alex Pesek

Date: 2022

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class project presented in Story Map format.

Place: Maine

Hancock County Maine Aerial Image, 2020

Identifier: 2388

Type: Map

Title: Hancock County Maine Aerial Image, 2020

Subject: Places

Description: A 2020 leaf-off aerial image with 45cm resolution. From Maine GIS.

Collection: Geographic Information Systems (GIS)

Web Resource: https://coagis.maps.arcgis.com/apps/instant/imageryviewer/index.html?appid=67ace772200441479598ed22f6b7d3a8&locale=en

Creator: Maine GIS

Date: 2020

Notes: A web map with an aerial image of Hancock County. Provided by Maine GIS via Acadia National Park

Place: Mount Desert Island

Gulls of the Gulf of Maine

Identifier: 2038

Type: Map

Title: Gulls of the Gulf of Maine

Subject: Nature, Animals, Birds

Description: An overview of gull density in Maine

Collection: Geographic Information Systems (GIS)

Web Resource: https://coagis.maps.arcgis.com/apps/MapSeries/index.html?appid=0e0e6ad0761a41ccafda98da08f55b90

Creator: Nathan Dubrow

Date: 2020

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class student project

Place: Maine

Ground Mounted PV Solar Suitability on Mount Desert Island

Identifier: 2273

Type: Map

Title: Ground Mounted PV Solar Suitability on Mount Desert Island

Subject: Places, Landscape

Description: A suitability analysis of open land for ground-mounted solar

Collection: Geographic Information Systems (GIS)

Web Resource: https://bit.ly/SolarSuitabilityOpenAreasMDI

Creator: Angie Flores

Date: 2022

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class project presented in Story Map format.

Place: Bar Harbor

Golfing Green

Identifier: 2031

Type: Map

Title: Golfing Green

Subject: Places, Landscape

Description: An investigation of space taken by Golf

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/2d047f37cc5049df9eb9e724374 cf3a0

Creator: Willow Mikles

Date: 2021-06

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class student project

Global Restrictions on Shark Finning

Identifier: 2041

Type: Map

Title: Global Restrictions on Shark Finning

Subject: Nature, Animals, Birds

Description: An estimated 73 million sharks were killed last year, primarily for their fins. Their populations are at critical levels, and they are still being fished out of the oceans at unsustainable rates. Some regional populations of shark species are down to 95 - 99%, which is considered functional extinction.

Collection: Geographic Information Systems (GIS)

Web Resource: https://coagis.maps.arcgis.com/apps/MapSeries/index.html?appid=6b 004d84bc9a4d7982f91733ef25de70

Creator: Ernesto Hernandez Rodriguez

Date: 2020

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class student project

Place: International

Geology and Humanity of Oahu

Identifier:	2050
Type:	Map
Title:	Geology and Humanity of Oahu
Subject:	Places
Description:	According to the University of Hawaiis Honolulu Climate Change Commission, Oahu is the most at risk from sea-level rise compared to all other Hawaiian islands. By the middle of the century, a report assembled by the commission warned that regular high tide flooding with 3.2ft of local sea-level rise would put 18 miles of coastal road and 4000 settlements at risk (Westfall, 2018).
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://coagis.maps.arcgis.com/apps/MapSeries/index.html?appid=af9ce82d17ce47de825543d48c7e8497
Creator:	Ben Capuano
Date:	2020
Rights:	In Copyright - Educational Use Permitted
Notes:	A GIS class student final project, in StoryMap format

Geographic Information Systems for Comprehensive Planning:Town of Mount Desert

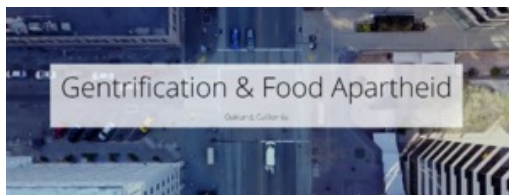|	
Identifier:	2368
Type:	Map
Title:	Geographic Information Systems for Comprehensive Planning:Town of Mount Desert
Subject:	Places
Description:	An inventory, analysis and illustration addressing Growth Management Goals
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://docs.google.com/presentation/d/1Y3CEH2RmZ4qQovrDbIXgsqQrLRaTBmzoWz3iICb7N2M/edit#slide=id.p1
Creator:	COA Landuse Planning Class
Date:	2003
Rights:	In Copyright - Educational Use Permitted
Notes:	A Google Slides presentation
Place:	Mount Desert

Gentrification & Food Apartheid in Oakland, California

Identifier:	1199
Type:	Map
Title:	Gentrification & Food Apartheid in Oakland, California
Subject:	Other
Description:	ESRI Story Map created by COA student Patrianna Anderson in GIS Fall 2018.
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://coagis.maps.arcgis.com/apps/MapSeries/index.html?appid=c7ff2c218cef4d789c6414ddaf2c60d1
Creator:	Anderson, Patrianna
Date:	2018

GAP Factories Around the Globe

Identifier:	2071
Type:	Map
Title:	GAP Factories Around the Globe
Subject:	Businesses, Store Business
Description:	GAP clothing manufacturing facilities around the world
Collection:	Geographic Information Systems (GIS)
Creator:	Elisheva Rubin
Date:	2006
Rights:	In Copyright - Educational Use Permitted
Notes:	A GIS Foundations class student final project, in Layout format
Place:	International

From Lake to Sea: Winter Habitations of Common Loons

Identifier:	2380
Type:	Map
Title:	From Lake to Sea: Winter Habitations of Common Loons
Subject:	Nature, Animals, Birds
Description:	The Common Loon (Gavia immer) has historically been used as an indicator species during it's summer breeding season. More specifically, loons have been used as an indicator for heavy metals, biocontamination, and acidity (Canadian Lakes Loon Survey).
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://storymaps.arcgis.com/stories/9d16a5709445491794a8fa019ad572bf
Creator:	Autumn Pauly
Date:	2023
Rights:	In Copyright - Educational Use Permitted
Notes:	A GIS class student project in Story Map format.
Place:	Mount Desert Island

Frenchman Bay Watershed Map Compilation

Identifier:	2070
Type:	Map
Title:	Frenchman Bay Watershed Map Compilation
Subject:	Places
Description:	Frenchman Bay Watershed Map Compilation Shows numerous features and land uses within the watershed of Frenchman Bay
Collection:	Geographic Information Systems (GIS)
Creator:	James Crawford
Date:	2012
Rights:	In Copyright - Educational Use Permitted
Notes:	A GIS Foundation class student final project, in Layout format
Place:	Maine

Frenchman Bay Marine Resources

Identifier: 1249

Type: Map

Title: Frenchman Bay Marine Resources

Subject: Other

Description: Map of mudflats, elver habitat, shellfish areas, and worm habitat in Frenchman Bay.
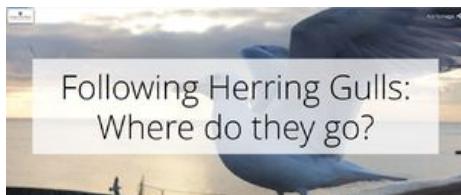
Collection: Geographic Information Systems (GIS)

Creator: Wheeler, Bik

Date: 2006

Rights: In Copyright

Following Herring Gulls: Where do they go?

Identifier: 1120

Type: Map

Title: Following Herring Gulls: Where do they go?

Subject: Other

Description: ESRI Story Map created by COA student Aya Kumagi in GIS Fall 2018.

Collection: Geographic Information Systems (GIS)

Web Resource: https://coagis.maps.arcgis.com/apps/Cascade/index.html?appid=eb3 6bb646ed14a2d9c02369c06a8d416

Creator: Kumagi, Aya

Date: 2018

Rights: In Copyright

Fish Passage Assessment of Mount Desert Island

Identifier: 2058

Type: Map

Title: Fish Passage Assessment of Mount Desert Island

Subject: Nature, Animals, Birds

Description: An assessment of streams broken by culverts, dams, and bridges

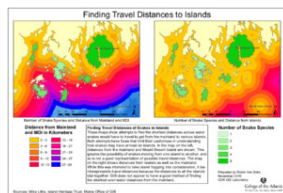Collection: Geographic Information Systems (GIS)

Creator: Phillip Young

Date: 2007

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class student final project, in Layout format

Place: Mount Desert Island

Finding Travel Distances of Snakes to Islands on the Coast of Maine

Identifier: 2064

Type: Map

Title: Finding Travel Distances of Snakes to Islands on the Coast of Maine

Subject: Nature, Animals, Birds

Description: These maps show attempts to find the shortest distances across the water makes would have to travel from the mainland to various islands.

Collection: Geographic Information Systems (GIS)

Creator: Robin Van Dyke

Date: 2010

Rights: In Copyright - Educational Use Permitted

Notes: Finding Travel Distances of Snakes to Islands on the Coast of Maine

Place: Maine

Finding the Birds of Mount Desert Island

Identifier: 2280

Type: Map

Title: Finding the Birds of Mount Desert Island

Subject: Nature, Animals, Birds

Description: The goal of this project was to identify birding hotspots on Mount Desert Island. To do this, I used data from eBird to determine which birds are most common in each sector. The sectors are areas used by birders during the annual Christmas Bird Count . Birding hotspots are areas that birders go to frequently

Collection: Geographic Information Systems (GIS)

Web Resource: storymaps.arcgis.com/stories/99604977985944cf83a43cb9ca247a59

Creator: Pigeon Voigt

Date: 2022

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class project presented in Story Map format.

Place: Mount Desert Island

ESRI

Identifier: 2149

Type: Map

Title: ESRI

Subject: Events

Description: Link is to the ESRI home page

Collection: Geographic Information Systems (GIS)

Web Resource: https://www.esri.com/en-us/home

Creator: ESRI

Date: 2025

Rights: In Copyright - Educational Use Permitted

Notes: A special thanks to ESRI for 30 years of software and support.

Place: International

Energy use at College of the Atlantic

Identifier: 2274

Type: Map

Title: Energy use at College of the Atlantic
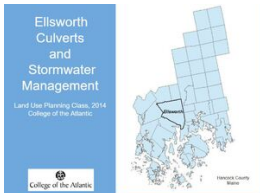
Subject: Other

Description: Dyed Kerosene, Heating Oil, Liquid Propane, and Electricity make up COA current Energy portfolio, fueling buildings on campus.

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/bc7eb8054d6548f588b58c50d5e228ee

Creator: Aniruddha Jaydeokar

Date: 2022

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class project presented in Story Map format.

Place: Bar Harbor

Ellsworth Culverts and Stormwater Management

Identifier: 2371

Type: Map

Title: Ellsworth Culverts and Stormwater Management

Subject: Places

Description: Inventory of existing infrastructure

Impervious Surface and Hydraulic Analyses

Pinch Points

Culvert prioritization system

Emergencies

Maintenance

Stream and stream crossings survey

Potential growth area analysis

Stormwater management strategies

Collection: Geographic Information Systems (GIS)

Web Resource: https://docs.google.com/presentation/d/1_xnNkrzKj3qpYweQhIIDWTRM73DvmvBeKNX-JAuzgSs/edit#slide=id.p1

Creator: COA Landuse Planning Class

Date: 2014

Rights: In Copyright - Educational Use Permitted

Notes: A Google Slides presentation

Place: Maine

Effects of Drought in Two Villages in Namibia

Identifier: 2056

Type: Map

Title: Effects of Drought in Two Villages in Namibia

Subject: Businesses, Farming

Description: Namibia is known for its arid climate and the flora and fauna that have adapted to these conditions over many generations. The livelihoods of most people depend directly on the land. Therefore, a large portion of Namibia is used for agriculture, natural resource extraction, and tourism. The country mainly exports raw materials and imports most of its goods and services.

Collection: Geographic Information Systems (GIS)

Web Resource: https://coagis.maps.arcgis.com/apps/MapSeries/index.html?appid=fbf4d16c87e4484da5d210a71c9ffc07

Creator: Nice Munekamba

Date: 2019

Rights: In Copyright - Educational Use Permitted

Notes: A GIS class student final project, in StoryMap format

Place: International

Ecovillage Suitability Analysis

Identifier: 2289

Type: Map

Title: Ecovillage Suitability Analysis

Subject: Places, Landscape

Description: A case study of the most suitable land parcels for an ecovillage development in the Val d'Espoir region of the Gaspé peninsula.

Collection: Geographic Information Systems (GIS)

Web Resource: storymaps.arcgis.com/stories/da411ed4c2d24c919b3ec19633e19e84

Creator: Charles-Olivier Levesque

Date: 2022

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class project presented in Story Map format.

Place: International

Dutton Maple Lot

Identifier: 2378

Type: Map

Title: Dutton Maple Lot

Subject: Businesses, Farming

Description: Change in seasons, and Mapping the tap lines

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/31d7d12cfeb24148ba61ca6216d3b643
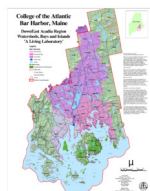
Creator: Lily Dutton

Date: 2023

Rights: In Copyright - Educational Use Permitted

Notes: A GIS class student project in Story Map format

Place: International

Downeast Acadia Region Watersheds, Islands, and Bays

Identifier: 2066

Type: Map

Title: Downeast Acadia Region Watersheds, Islands, and Bays

Subject: Places

Description: 'A Living Laboratory'

Collection: Geographic Information Systems (GIS)
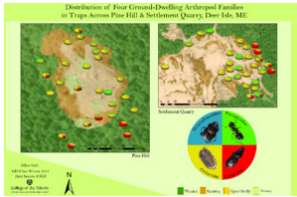
Creator: COA GIS Laboratory

Date: 2004

Rights: In Copyright - Educational Use Permitted

Notes: A map prepared for the 'River Runs Through Us' FIPSE grant.

Place: Maine

Distribution of Four Ground-Dwelling Arthropod Families

Identifier: 2072

Type: Map

Title: Distribution of Four Ground-Dwelling Arthropod Families

Subject: Nature, Animals, Birds

Description: Distribution of Four Ground-Dwelling Arthropod Families in Traps Across Pine Hill and Settlement Quarry, Deer Isle, Maine

Collection: Geographic Information Systems (GIS)

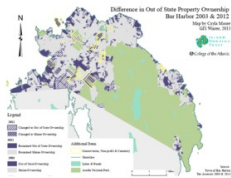Creator: Jillian Gall

Date: 2012

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class student final project, in Layout format

Place: Maine

Difference in Out of State Property Ownership: Bar Harbor 2003 & 2012

Identifier: 1244

Type: Map

Title: Difference in Out of State Property Ownership: Bar Harbor 2003 & 2012

Subject: Other

Description: Map of how property in Bar Harbor has changed hands from in-state to out-of-state ownership, and vice versa, between 2002 & 2012. In partnership with the Island Housing Trust.

Collection: Geographic Information Systems (GIS)

Creator: Moore, Cayla

Date: 2013

Rights: In Copyright

Daggertoothed Cats

Identifier: 1197

Type: Map

Title: Daggertoothed Cats

Subject: Other

Description: ESRI Story Map created by COA student Andrew Benson in GIS Winter 2018.
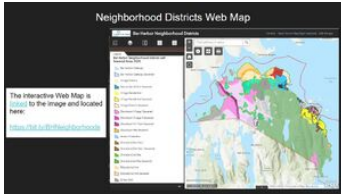
Collection: Geographic Information Systems (GIS)

Web Resource: https://coagis.maps.arcgis.com/apps/Cascade/index.html?appid=f9c70d684c824b9d9f60fae39e875a53

Creator: Benson, Andrew

Date: 2018

Rights: In Copyright

College of the AtlanticLand Use Planning and GIS ClassSpring 2020

Identifier: 2392

Type: Map

Title: College of the AtlanticLand Use Planning and GIS ClassSpring 2020

Subject: Places

Description: An Examination of the Bar Harbor Land Use Ordinance

Collection: Geographic Information Systems (GIS)

Web Resource: https://docs.google.com/presentation/d/1uk-L2eldshgHlPocrDG22Ml9 2MPKYBrwt88NJaIhf2g/edit?usp=sharing

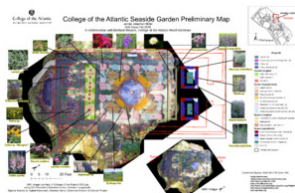Creator: 'Land Use Planning Class Spring 2022'

Date: 2022

Rights: In Copyright - Educational Use Permitted

Notes: A Land Use Planning Class focused on Bar Harbor Zoning Ordinances

Place: Bar Harbor

College of the Atlantic Seaside Garden Map

Identifier: 2063

Type: Map

Title: College of the Atlantic Seaside Garden Map

Subject: Nature, Plants

Description: A map based on a DJI Phantom drone flight.

Collection: Geographic Information Systems (GIS)
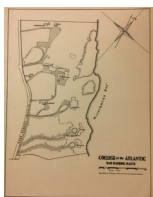
Creator: James Jonathan Miller

Date: 2016

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class student final project, in map Layout format.

Place: Bar Harbor

College of the Atlantic map, 1979

Identifier: 1573

Type: Map

Title: College of the Atlantic map, 1979

Subject: Structures, Institutional, School

Description: Survey drawing of the college's property based on 1974 Raynes Survey.

Collection: Campus Maps

Creator: Hyman, Harris

Date: 1979

Rights: In Copyright - Educational Use Permitted

Notes: FF-1

Place: Bar Harbor

College of the Atlantic Main Campus Map, Online

Identifier:	2084
Type:	Map
Title:	College of the Atlantic Main Campus Map, Online
Subject:	Places
Description:	An online GIS map containing many interesting layers representing the physical campus.
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://coagis.maps.arcgis.com/apps/webappviewer/index.html?id=4cc9ebebb3234b6a92e06adc90b2867f
Creator:	COA GIS Laboratory
Date:	2021
Rights:	In Copyright - Educational Use Permitted
Notes:	An ArcGIS Online web map
Place:	Bar Harbor

College of the Atlantic Main Campus Map

Identifier:	1639
Type:	Map
Title:	College of the Atlantic Main Campus Map
Subject:	Organizations, School Institution
Description:	1 sheet
	Color map of the college campus.
Collection:	Campus Maps
Creator:	Longsworth, Gordon
Date:	2000-10
Rights:	In Copyright - Educational Use Permitted
Place:	Bar Harbor

College of the Atlantic Land Use Planning and GIS Class Spring 2020

Identifier:	2374
Type:	Map
Title:	College of the Atlantic Land Use Planning and GIS Class Spring 2020
Subject:	Places
Description:	An Examination of the Bar Harbor Land Use Ordinance
Collection:	Geographic Information Systems (GIS)
Web Resource:	https://docs.google.com/presentation/d/10AQy_087JbeoWjWL03A5nOxR-OiOcOFzhvjlo0z5GKo/edit?usp=sharing
Creator:	COA Landuse Planning Class
Date:	2020
Rights:	In Copyright - Educational Use Permitted
Notes:	A Google Slides presentation
Place:	Bar Harbor

College of the Atlantic Campus Site Plan

Identifier: 1640

Type: Map

Title: College of the Atlantic Campus Site Plan

Subject: Organizations, School Institution

Description: 1 sheet

Color map of the college campus.
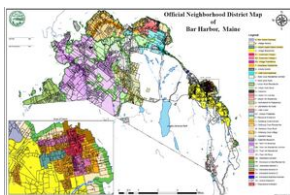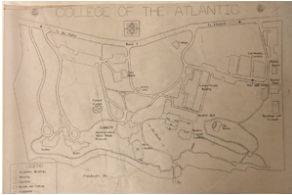
Collection: Campus Maps

Creator: Longsworth, Gordon

Date: 1998-02-04

Rights: In Copyright - Educational Use Permitted

Place: Bar Harbor

College of the Atlantic Campus Map

Identifier: 1642

Type: Map

Title: College of the Atlantic Campus Map

Subject: Organizations, School Institution

Description: 3 sheets

Map of the college campus prior to the Kaelber Hall fire in 1983.

Collection: Campus Maps

Rights: In Copyright - Educational Use Permitted

Place: Bar Harbor

Coastal Marine Life History of Mount Desert Island 1903-2021

Identifier: 2143

Type: Map

Title: Coastal Marine Life History of Mount Desert Island 1903-2021

Subject: Nature, Animals, Birds

Description: Mount Desert Island, located off the east coast of Maine, is completely surrounded by intertidal environments. Throughout the 1900s, data was collected and recorded in notebooks regarding intertidal life by numerous researchers, followed by entry into a spreadsheet by Michael Hays, a citizen scientist who worked with the MDIBL (Mount Desert Island Biological Laboratory). In present day, these data can be put into a map thanks to ArcGIS Pro. These data includes large amounts of information regarding marine life around the coastal environments of MDI, such as species common and Latin names, locations observed (where on the island along with Lat. and Long.), observation year, along with some brief notes about each observation.

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/a3808235a39342cb8e5b19359eb893e8

Creator: Reese Armstrong

Date: 2021

Rights: In Copyright - Educational Use Permitted

Notes: A GIS1 student class project, in ESRI Story Map format

Place: Mount Desert Island

COA Geographic Information Systems Online

Identifier: 1190

Type: Map

Title: COA Geographic Information Systems Online

Subject: Other

Description: The COA GIS website contains interactive GIS maps that can be customized and printed (PDF). The maps represent areas commonly visited on field trips and studied in classes. Maps include COA, MDI, the State and Gulf of Maine and whole world base maps.

Collection: Geographic Information Systems (GIS)
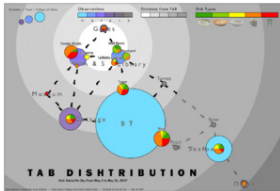
Web Resource: https://coagis.maps.arcgis.com/home/index.html

Creator: Longsworth, Gordon

Date: 2025

Rights: In Copyright - Educational Use Permitted

COA Dining Hall Dishtribution

Identifier: 2059

Type: Map

Title: COA Dining Hall Dishtribution

Subject: Businesses, Restaurant Business

Description: Where are all of the dining hall's dishes?
A survey and analysis

Collection: Geographic Information Systems (GIS)

Creator: Isaac Skibinski

Date: 2007

Rights: In Copyright - Educational Use Permitted

Notes: A GIS Foundations class student final project, in Layout format

Place: Bar Harbor

Cheetahs in Southern Africa

Identifier: 2047

Type: Map

Title: Cheetahs in Southern Africa

Subject: Nature, Animals, Birds

Description: Under the IUCN (International Union for Conservation of Nature) 's, cheetahs are listed as vulnerable. This status means the species is likely to become endangered unless the circumstances threatening its survival and reproduction of the species improve. Due to recent studies showing a significant decline in current cheetah numbers, scientists have started calling for the species to be up-listed to endangered status under the IUCN.

Collection: Geographic Information Systems (GIS)

Web Resource: https://storymaps.arcgis.com/stories/6436911413e44964ab03a60c2e55fb25
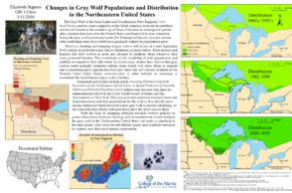
Creator: Stephanie Arevalo

Date: 2021-06

Rights: In Copyright - Educational Use Permitted

Notes: A GIS class student project, in StoryMap format.

Place: International

Changes in Gray Wolf Populations and Distribution in the Northeastern United States

Identifier: 1247

Type: Map

Title: Changes in Gray Wolf Populations and Distribution in the Northeastern United States

Subject: Other

Description: Analysis of changes in the population and distribution of Gray Wolves in the Northeastern United States, including hunting and trapping areas in Minnesota and a reintroduction suitability analysis.

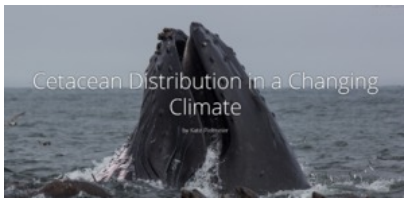Collection: Geographic Information Systems (GIS)

Creator: Signore, Elizabeth

Date: 2016-03-11

Rights: In Copyright

Cetacean Distribution in a Changing Climate

Identifier: 1195

Type: Map

Title: Cetacean Distribution in a Changing Climate

Subject: Other

Description: ESRI Story Map created by COA student Kate Pielmeier in GIS Fall 2017.

Collection: Geographic Information Systems (GIS)

Web Resource: https://coagis.maps.arcgis.com/apps/Cascade/index.html?appid=57405eaf567b4614a5b50f91a8150afe

Creator: Pielmeier, Kate

Date: 2017

Rights: In Copyright

Carrying Capacity of White-Tailed Deer on Mount Desert Island

Identifier: 1245

Type: Map

Title: Carrying Capacity of White-Tailed Deer on Mount Desert Island

Subject: Other

Description: Analysis of the carrying capacity per square mile of different areas on Mount Desert Island for white-tailed deer.

Collection: Geographic Information Systems (GIS)

Creator: Brown, Caroline

Date: 2015

Rights: In Copyright